

Curriculum Vitae

Raul Coimbra, M.D., Ph.D., FACS

Current Academic Title Professor of Surgery

Academic Department Department of Surgery
Division of Trauma, Surgical Critical Care, and Burns

University of California San Diego

Date of Birth March 15, 1962

Place of Birth Sao Paulo, Brazil

Citizenship US

Marital Status Married, Sandra C. Coimbra

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200 W. Arbor Drive, Mail Code 8896
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Languages Spoken Portuguese
English
Spanish

Medical Education (Graduate and Postgraduate)

Medical School Santa Casa School of Medicine, 1980-1985
Sao Paulo, SP, Brazil
M.D. - 1985

Postgraduate Training (Residency) General and Peripheral Vascular Surgery at the
Department of Surgery - Santa Casa School of Medicine,
Sao Paulo, Brazil 1986-1990

Master's Degree Santa Casa School of Medicine, Sao Paulo, Brazil
Thesis Subject: Penetrating hepatic injuries: Analysis of the factors related to morbidity and mortality. Approved in April, 1992

Doctorate's Degree (Ph.D.) Santa Casa School of Medicine, Sao Paulo, Brazil
Thesis Subject: Evaluation of the acute inflammatory response after extensive hepatic resection: Experimental study in rats. Approved in May, 1993

Academic Appointments

7/2006 - Present	Professor of Surgery – Division of Trauma, Department of Surgery, University of CA, San Diego, San Diego, CA
1998 - 2006	Associate Professor of Surgery - Division of Trauma, Department of Surgery, University of CA, San Diego, San Diego, CA
1997 - 1998	Associate Professor of Surgery - Emergency Service, Department of Surgery, Santa Casa School of Medicine, Sao Paulo, Brazil
1993 - 1997	Assistant Professor of Surgery - Emergency Service, Department of Surgery, Santa Casa School of Medicine, Sao Paulo, Brazil
1991 - 1992	Visiting Researcher - Inflammation Laboratory. Discipline of Pharmacology. Institute of Biomedical Sciences. University of Sao Paulo
1990 - 1993	Clinical Instructor of Surgery - Emergency Service, Department of Surgery, Santa Casa School of Medicine, Sao Paulo, Brazil

Professional and Administrative Appointments

2008 – 2009	President-Elect, Panamerican Trauma Society
2008 – Present	Chairman, American College of Surgeons San Diego/Imperial Valley Committee on Trauma
2007 – Present	Member, Academy of Clinician Scholars, UCSD Medical Center
2007 – 2008	President, San Diego Society of General Surgeons

2006 – Present	Chairman, Multidisciplinary Trauma/Burn Research Committee, UCSD Medical Center
2006 – 2007	Vice President, San Diego Society of General Surgeons
2006 – Present	Chief, Division of Trauma, Surgical Critical Care, and Burns UCSD Medical Center
2005 – 2008	Director, Surgical Intensive Care Unit, UCSD Medical Center
2005 – Present	Chairman, Multidisciplinary Trauma QA Committee, UCSD Medical Center
2004 – Present	Director. Surgical Critical Care Fellowship. Division of Trauma, Surgical Critical Care, and Burns. UCSD Medical Center
2004 – 2007	Vice President, San Diego Society of General Surgeons
2004 - 2005	Co-Director. Surgical Intensive Care Unit. UCSD Medical Center
2003 - 2004	Member, Publications Committee, Shock Society
2003-2008	Vice-Chairman, American College of Surgeons, San Diego/Imperial Valley Committee on Trauma.
2002 - 2005	Member – Program Committee. American Association for the Surgery of Trauma
2001 - 2006	Council Member – San Diego Society of General Surgeons, Vice President, since 2004
2000 - 2006	Associate Director of Trauma, Division of Trauma, Dept. of Surgery, UCSD School of Medicine
1997-2007	Member Board of Directors, Pan American Trauma Society
1997 - 1998	Member Scientific Committee. Department of Surgery, Santa Casa School of Medicine, Sao Paulo, Brazil
1996 - 1998	Chief of Trauma. Emergency Service, Department of Surgery, Santa Casa School of Medicine, Sao Paulo, Brazil
1996 - 1998	Researcher. Experimental Division, Heart Institute. University of Sao Paulo, Brazil
1992 - 1993	Member OR Committee. Santa Casa School of Medicine,

	Sao Paulo, Brazil
1991 - 1994	Chairman - Medical Information Services Committee, Santa Casa School of Medicine, Sao Paulo, Brazil
1990 - 1998	Attending Physician at the Santa Casa School of Medicine, Sao Paulo, Brazil
1990 - 1991	Attending Physician in the Intensive Care Unit at the Santa Casa School of Medicine, Sao Paulo, Brazil
1988 - 1991	Attending Surgeon at the Regional Public Hospital Ferraz de Vasconcelos (admission after a selection test by the Sao Paulo State Health Division), Sao Paulo, Brazil
1986 - 1993	Attending Physician in the Intensive Care Unit - Samaritano Hospital, Sao Paulo, Brazil

License and Certifications

Medical Licensure

State of Sao Paulo, Brazil. License No.: 54400
State of California. License No.: A74573

Board Certifications

Medical Board of CA,
Physicians Certificate of Registration, 1999
Certification No.: A74573

General Surgery. Sao Paulo State Medical Council and Brazilian Medical Association, 1988
Certification No.: 13867194

Peripheral Vascular Surgery, Sao Paulo State Medical Council and Brazilian Medical Association, 1990 Certification No. 13868194

General Surgery Board Re-Certification No.: 080058. Brazilian College of Surgeons and Brazilian Medical Association, 2005

Brazilian College of Surgeons, Certificate No.: 085-02

Other Certifications

DEA Registration, Certificate No.: BC6141559
Educational Commission for Foreign Medical Graduates,
Certification No.: 0-413-374-0
ATLS Instructor, 1993 - present
PHTLS Instructor, 1996 - present

ACLS Provider, 1999 - present
 PALS Provider, 1999 - present

Research Fellowship

Research Fellowship - Division of Trauma, Department of Surgery, University of CA, San Diego, San Diego, CA, 1994-1996

Awards and Honors

- 2009 Best Research Paper, 29th Annual Meeting of the Surgical Infection Society, *Gut Barrier Injury is Associated with Activation of Enteric Glia Cells*, by T. W. Costantini, Chicago, IL, May 2009
- 2009 Best Paper, 39th Annual Meeting of the Western Trauma Association, *Burns, Inflammation, and Intestinal Injury: Protective Effects of an Anti-inflammatory Resuscitation Strategy*: by Todd Costantini, Crested Butte, CO, February 2009
- 2008 1st Place, American College of Surgeons Committee on Trauma Basic Science Paper Competition, Region IX. *A novel method for the quantitative assessment of intestinal injury using non-invasive, in vivo near-infrared imaging* by Todd Costantini, Phoenix, AZ, December 2008
- 2008 2nd Place, American College of Surgeons Committee on Trauma Clinical Research Paper Competition, Region IX. *Implementation of a Safe and Effective Computerized Glucose Control Protocol in a Surgical ICU*, by L. Nwakanma, Phoenix, AZ, December 2008
- 2008 Aurelio Rodriguez Lecturer – Panamerican Trauma Society
- 2008 Cambridge Who's Who Lifetime Member
- 2007-2008 Best Doctor Recognition, Best Doctors in America
- 2007 America's Top Surgeons, Consumers Research Council of America
- 2007 2nd Place: San Diego County American College of Surgeons Resident Paper Competition, *Phosphodiesterase inhibition attenuates ileal and hepatic iNOS induction and pro-inflammatory mediator synthesis after hemorrhagic shock*: by Jessica Deree, May 15, 2007, San Diego, CA
- 2007 1st Place: 1st Annual UCSD Resident Research Competition, *HSPTX attenuates liver injury and modulates transcription factor activation after hemorrhagic shock*: by Jessica Deree, February 25, 2007, San Diego, CA

- 2006 1st Place: American College of Surgeons, Committee on Trauma Paper Competition Region IX, *Causes of early death as determined by autopsy. Does the Golden Hour still apply.* V. Bansal, Palo Alto, CA, December, 2006.
- 2006 2nd Place: National ACS Committee on Trauma Resident Basic Science Paper Competition, From intracellular signaling to acute lung injury after shock: The clear advantage of HSPTX over ringer's lactate on end-organ injury: by Jessica Deree, March 17, 2006, Chicago, IL, Am Coll Surg Bulletin. 2006:91; 63.
- 2006 1st Place: ACS Committee on Trauma Resident Clinical Science Paper Competition
- 2006 1st Place: ACS Committee on Trauma Region Nine Resident Basic Science Paper Competition *From intracellular signaling to acute lung injury after shock: The clear advantage of HSPTX over ringer's lactate on end-organ injury:* by Jessica Deree, December 1, 2005, San Diego, CA
- 2005 First Prize. San Diego Chapter of the American College of Surgeons Resident/Fellow Paper Competition – Basic Sciences
- 2005 Nicholas Halasz Teaching Award. Department of Surgery, UCSD
- 2004 Academy of Clinician Scholars. Outstanding clinician scholar distinction and member. University of California, San Diego Health Sciences, School of Medicine
- 2001 Nicholas Halasz Teaching Award. Department of Surgery, UCSD
- 1996 Brazilian College of Surgeons Journal, Oscar Alves, M.D., Award. Best Clinical Research Paper published in 1995. Title: Geriatric Trauma: Trauma Indices and Prognostic Factors.
- 1994 - 1996 Brazilian Government Scholarship. To develop a research project on the "Immunological Effects of Hypertonic Saline Resuscitation" at the Division of Trauma, Department of Surgery, University of CA San Diego, Advisor: David B. Hoyt, M.D., FACS.
- 1995 2nd Prize of the Region IX of the American College of Surgeons Committee on Trauma Resident Paper Contest. Title: Hypertonic Saline Resuscitation Decreases Susceptibility to Sepsis Following Hemorrhagic Shock.
- 1994 1st Prize of the Region IX of the American College of Surgeons Committee on Trauma Resident Paper Contest. Title: Hypertonic/Hyperoncotic fluids reverse prostaglandin E2 (PGE2) induced T-cell suppression.

- 1992 1st Prize on Clinical Research, Brazilian College of Surgeons, Sao Paulo Chapter.
Title: Analysis of morbidity and mortality in blunt thoracic trauma.
- 1991 Acta Cirurgica Brasileira Prize at the II Brazilian Meeting of Experimental
Surgery. Title: Partial liver resection and inflammation: Role of endogenous
glucocorticoids.
- 1991 Adams Cowley Prize. Pan-American Trauma Society, Buenos Aires, Argentina.
Title: Penetrating cardiac wounds.

Award Nominations

- 2008 Nominated for 2008 Kaiser Excellence in Teaching Award by 3rd year class.
2008 Nominated for 2008 Kaiser Excellence in Teaching Award by 4th year class.

External Professional Activities

- 2008 – Present Member, Subcommittee on Education, American College of Surgeons,
Committee on Trauma
- 2008 – Present Member, Ad Hoc Committee on Surgical Skills, American College of
Surgeons, Committee on Trauma
- 2008 – Present State Chairman, Committee on Trauma, American College of Surgeons for San
Diego and Imperial County
- 2008 – Present Member, Board of Directors, Western Trauma Association
- 2007 – Present Chairman, Multi-Institutional Trials Committee, American Association for the
Surgery of Trauma
- 2007 – Present Chairman, Research Subcommittee, Trauma Medical Audit Committee, San
Diego County
- 2007 – Present Member, The Society of University Surgeons, Committee on Social and
Legislative Issues
- 2007 – Present Member, Scholarship Committee, American College of Surgeons
- 2006 – Present Chairman, Trauma Medical Audit Committee, San Diego County
- 2005 – Present Member, Scientific Studies Committee Surgical Infection Society
- 2005 - 2007 Member, Scientific Program Committee, Shock Society
- 2004 - Present Chairman, Scientific and Organization Committee for the 16th Annual
California Trauma Conference 2006
- 2004 Member, Venue Committee for San Diego Trauma Systems 20th Anniversary
- 2004 External Examiner for Doctoral Thesis of Graduate and Postdoctoral Studies,
McGill University, Montreal, QC, Canada
- 2003 - 2004 Member, Publications Committee, Shock Society
- 2003 – 2008 Vice-Chairman, American College of Surgeons San Diego/Imperial Valley
Committee on Trauma
- 2002 Member of Scientific and Organization Committee for the 10th Annual
California Trauma Conference
- 2002 - Present Chairman, Education Committee. Pan-American Trauma Society

- 1997 – 2007 Member Board of Directors, Pan-American Trauma Society
 1997 - Present Member By-Laws Committee, Pan-American Trauma Society
 1997 - Present Member Committee of Publications, Pan-American Trauma Society

Editorial Board Membership/Ad-Hoc Reviewer

- 2008 – Present European Surgical Research, ad hoc reviewer of manuscripts
 2008 – Present Editorial Board of Journal of Organ Dysfunction
 2008 – Present Clinical and Experimental Pharmacology and Physiology, ad hoc reviewer of manuscripts
 2008 – Present Archives of Surgery, ad hoc reviewer of manuscripts
 2008 – Present Journal of Proteome Research, ad hoc reviewer of manuscripts
 2007 – Present Cellular Physiology and Biochemistry, ad hoc reviewer of manuscripts
 2007 – Present Editorial Advisory Board, Journal of Epithelial Biology & Pharmacology
 2007 – Present Editorial Board of Journal of Trauma
 2007 – Present Biological Chemistry, ad hoc reviewer of manuscripts
 2006 – Present Journal of Applied Physiology, ad hoc reviewer of manuscripts
 2006 – Present European Respiratory Journal, ad hoc reviewer of manuscripts
 2006 – Present Journal of Surgical Infections, ad hoc reviewer of manuscripts
 2005 – Present Editorial Board of the Journal of Trauma Nursing
 2005 - Present Brazilian Journal of Vascular Surgery – International Editorial Board
 2004 - Present Experimental Pharmacology ad hoc reviewer of manuscripts
 2003 - Present Editorial Board of the Pan-American Journal of Trauma
 2003 - Present Journal of Critical Care Medicine, ad hoc reviewer of manuscripts
 2003 - Present Journal of Experimental Biology and Medicine ad hoc reviewer of manuscripts
 2003 - 2005 Brazilian Journal of Vascular Surgery, ad hoc reviewer of manuscripts
 2003 - Present Journal of Biological Research for Nursing, ad hoc reviewer of manuscripts
 2002 – 2007 Journal of Trauma, ad hoc reviewer of manuscripts

Professional Memberships

- 2007 - Present** Member, Pacific Coast Surgical Association
2006 - Present Member, Society of University Surgeons
2005 - Present Member, Western Surgical Association
2005 - Present Member, Western Vascular Society
2005 - Present Member, Western Trauma Association
2005 - Present Member, California Medical Association
2005 - Present Member, San Diego County Medical Society
2004 - Present Member, American College of Surgeons, San Diego Chapter
2003 - Present Member, Association for Academic Surgery
2003 - Present Fellow, American College of Surgeons
2003 - Present Member, Society for Experimental Biology and Medicine
2002 - Present Member, Surgical Infection Society
2002 - Present Member, International Society of Surgery
2001 - Present Member, American Medical Association

2001 - Present	Member, Shock Society
2001 - Present	Member, San Diego Society of General Surgeons
1999 - Present	Member, Society of Critical Care Medicine
1997 - Present	Member, Brazilian Society of Angiology and Vascular Surgery
1996 - Present	Member, American Association for the Surgery of Trauma
1994 - Present	Member, Brazilian Shock Society
1992 - Present	Fellow, International College of Surgeons
1990 - Present	Fellow, Brazilian College of Surgeons
1988 - Present	Fellow, Pan-American Trauma Society

Hospital Committees - Present Appointments

2008 – Present	Chair, Finance Committee, Department of Surgery, UCSD Medical Center
2007	Member, Ad Hoc Review Committee, UCSD Medical Center
2007 – Present	Member, Intensive Care Unit Service Line Committee, UCSD Medical Center
2007 – Present	Member, Care Coordination Dept. Advisory Board
2006 – Present	Member, Surgical Council, Department of Surgery, UCSD Medical Center
2006 – Present	Quality Improvement Divisional Representative (QIDR)
2006 – Present	Department of Surgery Executive Committee, UCSD Medical Center
2006	UCSD Medical Group Nominating Committee, Board of Governors
2005 – Present	Member, Recruitment Committee, Dept. of Emergency Medicine, UCSD Medical Center.
2005 - Present	Member, Quality Council Executive Committee
2004 - Present	Member, Critical Care Committee
2003 - Present	Recruitment Committee Department of Surgery
2000 - 2001	Member, Ad Hoc Committee on Airway Management UCSD Medical Center
1999 - Present	Member, Emergency Preparedness Advisory Committee (EPAC), UCSD Medical Center
1998 - Present	Member, ICU Users' Group UCSD Medical Center

University Service

2006 – Present	Member, Search Committee, UCSD School of Medicine: Division of Urology, Associate or Full Professor
2006 – Present	Member, Search Committee, UCSD School of Medicine: Vascular Surgery Associate or Full Professor
2005 – Present	Member, Search Committee, UCSD School of Medicine: Emergency Medicine Assoc. or Full Professor
2003 – Present	Instructor, Surgical Critical Care Fellowship Program, UCSD Medical Center

2003 Presider, Faculty Mentor Program Research Symposium, UCSD Faculty Mentor Program of UCSD Academic Enrichment Programs

2002-Present Evaluator of Performance of Academic Appointees, Dept. of Surgery, School of Medicine, UCSD

2001-Present Instructor, Binational Mini-Residency Program

2000-2006 Associate Director of Trauma, Division of Trauma, Dept. of Surgery, School of Medicine, UCSD

1998-Present Member, Academic Senate, UCSD

1998 – Present Member, General Surgery Residency Program Intern Interview Committee

Award of Contract and/or Grants

Active Support:

NIH-5R01 HL76180

Project Title: Hemorrhagic Shock and Pancreatic Enzyme Products

Principle Investigator: David Hoyt, M.D.; Co-Investigator: Raul Coimbra, M.D., Ph.D.

Total Direct Costs: \$1,200,000

Period of Support: 3/1/2004-2/28/2010

NIH-U01 HL077908

Project: The UCSD/San Diego Resuscitation Research Center.

Principal Investigator: Dan Davis, M.D.; Co-Investigator: Raul Coimbra, M.D., Ph.D.

Total Direct Costs: \$1,544,250

Period of Support: 09/01/04-04/30/2009

NHTSA DTNH22-05-H-21001

Project Title: Exploration of Biomechanical Factors via Linkage of Crash and Trauma Registry

Principle Investigator: Raul Coimbra, M.D., Ph.D.

Total Direct Costs: \$2,000,000

Period of Support: 07/2005–05/2010

NIH-P20 GM078421

Project: A Combinatorial Approach to Wound Healing for Protein, Gene, and Cell Therapeutics

Principal Investigator: Andrew Baird, Ph.D.; Co-Investigator: Raul Coimbra, M.D., Ph.D.

Total Direct Costs: \$1,189,180

Period of Support: 09/01/07-7/31/2010

NIH-5R21 EY018479

Project Title: Targeting the Choroid Plexus for Drug Translocation into CSF

Principal Investigator: Andrew Baird, Ph.D.; Co-Investigator: Raul Coimbra, M.D., Ph.D.

Total Direct Costs: \$200,116

Period of Support: 09/30/2007-08/31/2009

PS0803 CA Office of Traffic and Safety

Project Title: Screening for Age Related Driving Disorders in the Hospital Setting
 Principal Investigator: Linda Hill, M.D., M.P.H.; Co-Investigator: Raul Coimbra, M.D., Ph.D.
 Total Direct Costs: \$302,628
 Period of Support: 10/01/2007-09/30/2009

USAMRAA W81XWH0820159

Project Title: The San Diego TBI Clinical Research Center: Study Site for Clinical Consortium
 Principal Investigator: Raul Coimbra, M.D., Ph.D.
 Total Direct Costs: \$1,500,000
 Period of Support: 09/15/08-08/31/2013

USAMRAA W81XWH0820159

Project Title: PTSD/TBI Clinical Consortium Coordinating Center - Administrative Core
 Principal Investigator: Murray Stein, M.D.; Co-Principal Investigator: Raul Coimbra, M.D., Ph.D.
 Total Direct Costs: \$30,000,000
 Period of Support: 09/15/08-08/31/2013

Past Support:

Cadence Pharmaceuticals, Inc. 051416

A Phase III, Multi-center, Randomized, Evaluation Committee-blinded Study to Assess the Efficacy of Topical Administration of Omiganan 1.0% Gel in Preventing Local Catheter Site Infections and Catheter Colonization in Patients undergoing Central Venous Catheterization.
 Principal Investigator: Raul Coimbra, M.D.
 Total Direct Costs: \$243,750
 Period of Support: 02/16/2006-04/30/2008

Johnson & Johnson Pharmaceutical R&D, L.L.C.

Project Title: A Randomized Double-Blind, Placebo-Controlled Study to Determine the Efficacy and Safety of Epoetin Alfa in Critically Ill Subjects.
 Principal Investigator: Raul Coimbra, M.D.
 Total Direct Costs: \$91,661
 Period of Support: 04/01/04–10/31/05

NTHSA

Project Title: Exploration of Biomechanical Factors via Linkage of Crash and Trauma Registry
 Principle Investigator: David Hoyt, M.D.; Co-Investigator: Raul Coimbra, M.D.
 Total Direct Costs: 1,050.000
 Period of Support: 05/01/96–09/30/99

Micrologix Biotech

Project Title: Phase III, Randomized, Evaluation Committee-Blinded Study to Assess the Safety and Efficacy of Topical Administration of MBI 226 1.0% Gel vs. Standard Medical Care in Patients Undergoing Non-cuffed, Short Term Arterial and/or Central Venous Catheterization.
 Principle Investigator: David Hoyt, M.D.; Co-Investigator: Raul Coimbra, M.D.

Total Direct Costs: \$295,184
 Period of Support: 11/01/00-3/31/03

Eli Lilly & Co

Project Title: A Phase 2 Study to Determine the Efficacy and Safety of Sivelestat in Subjects with Acute Lung Injury

Principle Investigator: David Hoyt, M.D.; Co-Investigator: Raul Coimbra, M.D.

Total Direct Costs: 26,412

Period of Support: 12/01/-02/02

McNeil Pharmaceutical Inc.

Project Title: Efficacy of rHuEPO in the Critically Ill Patient: A Randomized, Double-Blind Placebo Controlled Trial

Principle Investigator: David Hoyt, M.D.; Co-Investigator: Raul Coimbra, M.D.

Total Direct Costs: 31,195

Period of Support: 10/15/00-10/14/01

McNeil Pharmaceutical Inc.

Project Title: Phase IIIB, A Multicenter, Randomized, Open Label Study to Compare the Safety and Efficacy of Levofloxacin with That of Imipenem/Cilastatin in the Treatment of Nosocomial Pneumonia

Principle Investigator: David Hoyt, M.D.; Co-Investigator: Raul Coimbra, M.D.

Total Direct Costs: 27,200

Period of Support: 05/01/00-04/30/01

Sao Paulo State Research Foundation

Project Title: Hemodynamic, Metabolic, and Immune Effects of Hypertonic Saline Resuscitation.

Principal Investigator: Mauricio Rocha-e-Silva MD, PhD; Co-Investigator: Raul Coimbra MD, PhD

Total Direct Costs: 300,000

Period of Support: 01/01/97 – 01/01/2000

Research Institute Brazilian Government - Scholarship

Project Title: Impact of Hypertonic Saline on the Immune Function

Principal Investigator: Raul Coimbra MD, PhD

Total Direct Costs: 70,000

Period of Support: 04/01/94 – 03/31/96

Independent Study – Graduate Students/Residents/International Fellows – Advisor

2008-2010 Research Advisor/Mentor: Carrie Petersen, M.D.

2009 Clinical Observer: Visiting Resident, R. Emanuel Ferrero

- 2009 Clinical Observer: Visiting Resident, Laura Portillo Tellez
- 2008 Clinical Observer: Foreign Visitor, Claudia Moreira
- 2008 Clinical Observer: Foreign Visitor, Luciana Moizés
- 2008 Research Advisor/Mentor: Mentor for Undergraduate Student, Dana Drusinsky
- 2008 Clinical Observer: Visiting Resident, Dr. Ricardo Galesso Ciardoso
- 2008 Clinical Observer: Foreign Visitor: Air Vice Marshal Vibul Trakulhoon, M.D., General Surgeon, Thailand
- 2008 Clinical Observer: Foreign Visitor: Group Captain Kamol Wattanakrai, M.D., Plastic Surgeon, Thailand
- 2008 Clinical Observer: Foreign Visitor: Group Captain Chatchai Soonthornthum, M.D., General Surgeon, Thailand
- 2008 Clinical Observer: Foreign Visitor: Group Captain Nipon Ruthapichairak, M.D., General Surgeon, Thailand
- 2008 Clinical Observer: Foreign Visitor: Group Captain ML. Vudhipong Sudhasaneya, M.D., Ortho Surgeon, Thailand
- 2008 Clinical Observer: Foreign Visitor: Group Captain Yodruk Prasert, M.D., Neurosurgeon, Thailand
- 2008 Clinical Observer: Foreign Visitor: Squadron Leader Pornprapa Lojanawongsakorn, R.N., M.D., Nurse, Thailand
- 2007-2009 Research Advisor/Mentor: International Visiting Scholar: Sunghyuk Choi, Focus: Fluid Resuscitation, Mechanism of Neutrophil, Inflammatory Reaction and Trauma Center Practices.
- 2007-2008 ISP Committee Advisor: Student: Patrick Manookian, Project: *Combat Versus Civilian Open Tibia Fractures – The Effect of Blast Mechanism on Outcome.*
- 2007-2008 ISP Committee Advisor: Student: Anand Karsan, Project: *Head Trauma Outcomes of Individuals Taking Pre-Injury Anti-Platelet Drugs*
- 2007-2008 Advisor: Clinical Trauma Fellows: Mathias Kill, Kristofer Mitchell
- 2007-2009 Research Advisor/Mentor: Research Fellow, Todd Costantini, M.D.
- 2007-2008 Research Advisor/Mentor: Gustavo Fraga, M.D., (International Fellow)

- 2007-2008 Research Advisor/Mentor: Andrea Fraga, M.D., (International Fellow)
- 2007 Research Advisor: Tiep Ly, Tiffany Woon
- 2006-2007 Advisor: Clinical Trauma Fellows: Vishal Bansal, M.D., Jeanne Lee, M.D.
- 2006 Research Advisor: Dan Seible
- 2005-2006 Research Advisor: Edna Shenve, M.D.
- 2005-2006 Research Advisor: Tercio De Campos, M.D. (International Fellow)
- 2005-Present Research Advisor: Jessica Deree, M.D.
- 2005 Research Advisor: Joilson Martins, B.S., Ph.D. (International Fellow)
- 2005 Research Advisor. Visiting Student: Michael Grant – Internship, trauma research lab. Project: Inflammatory response in shock and sepsis.
- 2004-2005 Advisor. Clinical Trauma Fellows: Donnelle Crouse, Cristine Guerra
- 2005 ISP Committee Co-Advisor. Student: Julian Medina, MS-IV
- 2004-2005 Research Advisor: Rohan Lall, M.D.
- 2004-2005 Research Advisor: Dave Frankel, M.D.
- 2004 ISP Committee Co-Advisor. Student: Kelly Hodgekiss Harlo, MS-IV
- 2004 Research Advisor. Maria Tobar - Undergraduate research student in the UCSD SOM Faculty Mentor Program
- 2004 Research Advisor: Rafael D. Porcides, M.D. (International Fellow)
- 2003-2005 Research Advisor: Iskren Puhlev, M.D., Heidi Melbostad, B.S.
- 2003-2004 Advisor. Clinical Trauma Fellows: Devashish Anjaria, M.D., Rohan Lall, M.D.
- 2003 ISP Committee Co-Advisor. Student: Michael L. Wilson, MS-IV
Project title - Monitoring fluid resuscitation from hemorrhagic shock in the emergency department: Invasive and non-invasive methods for assessing fluid status and tissue perfusion and oxygenation.
- 2003 ISP Committee Co-Advisor. Student: Richard Baynosa, MS-IV
Project title – Pedestrian Struck Trauma

2000-2001 Research Advisor: Christopher Michetti M.D.

2001-2002 Research Advisor: Jay Doucet, M.D.

1998-1999 Research Advisor: Nirav Patel, M.D., Alain Corcos, M.D.

UCSD School of Medicine Student Lectures

2005–Present: *Trauma – Initial Evaluation of the Trauma Patient*. A Quarterly lecture to Surgery 401 class.

1998-Present: *Surgical Nutrition*. A quarterly lecture to Surgery 401 class

Organization of Meetings

Chairman - Scientific Program of the Postgraduate Course on Trauma Surgery. Annual Meeting of the Brazilian College of Surgeons, Recife, Brazil, 1997

Coordinator - Jornados de Residentes en Trauma I; Creacion Comite de Residencias y Fellowships en la SPT. The XI Congreso Pan-Americano y III Congreso Argentino de Trauma, Buenos Aires, Argentina. 1998

Responsible for the organization and scientific program of the UCSD Trauma Conference. Weekly, since 1999

Responsible for the organization and scientific program of the UCSD Ortho-Trauma Conference. Biweekly, since 1999

Responsible for the organization and scientific program of the UCSD Neurosurgery-Trauma Conference. Monthly, since 1999

Responsible for the organization and scientific program of the Emergency Department-Trauma Conference. Monthly, since 1999

Member - Scientific and Organization Committee. The 10th Annual CA Trauma Conference, San Diego, CA, 2000

Responsible for the organization and scientific program of the UCSD Division of Trauma Journal Club. Weekly, since 2000

Director - Advanced Trauma Life Support (ATLS), UCSD Medical Center, San Diego, California. June 2000

Director - Advanced Trauma Life Support (ATLS), UCSD Medical Center, San Diego, California. June & December 2000

Director - Advanced Trauma Life Support Refresher Course (ATLS), UCSD Medical Center, San Diego, CA. July 2001

Co-Director - Advanced Trauma Life Support Refresher Course, UCSD Medical Center, San Diego, CA December 2001

Director - Advanced Trauma Life Support Refresher Course (ATLS), UCSD Medical Center, San Diego, CA. January 2002

Responsible for the organization of the "On-Call" Trauma Faculty Meeting. Quarterly, since 2002

Responsible for the organization and agenda for the UCSD Multidisciplinary Trauma Committee Meeting. Monthly, since 2002

Director - Advanced Trauma Life Support Refresher Course (ATLS), UCSD Medical Center, San Diego, CA July 2003

Director - Advanced Trauma Life Support Refresher Course (ATLS), UCSD Medical Center, San Diego, CA January 2004

Director – Advanced Trauma Life Support Refresher Course (ATLS), UCSD Medical Center, San Diego, CA July 2004

Director – Advanced Trauma Life Support Refresher Course. UCSD Medical Center, San Diego, CA. January 2005

Chairman. Scientific and Organizing Committee – 16th California Trauma Conference 2005-2006

Member. Scientific Committee. Critical Care Summer Session, San Diego, CA. 2005

Director - Advanced Trauma Life Support Refresher Course (ATLS), UCSD Medical Center, San Diego, CA. November 2005

Director - Advanced Trauma Life Support Refresher Course (ATLS), UCSD Medical Center, San Diego, CA. July 2006

Director - Advanced Trauma Life Support Refresher Course (ATLS), UCSD Medical Center, San Diego, CA. March 2007

Director - Advanced Trauma Life Support Refresher Course (ATLS), UCSD Medical Center, San Diego, CA. August 2007

Director - Advanced Trauma Life Support Refresher Course (ATLS), UCSD Medical Center, San Diego, CA. February 2008

Member - Organizing Committee, Critical Care Summer Session, San Diego, CA July 2007

Member – Organizing Committee, Critical Care Summer Session, San Diego, CA July 2008

Visiting Professorship

Visiting Professor - Department of Surgery, Emergency Service, Santa Casa School of Medicine, Sao Paulo, Brazil, 2000

Visiting Professor – Kern Medical Center. Bakersfield, CA. June 2000

Visiting Professor – Kern Medical Center. Bakersfield, CA. December 2001

Visiting Professor – “*Thoracic Aortic Injuries, Diagnosis and Treatment.*” Kern Medical Center. Bakersfield, CA. May 2003

Visiting Professor – “*Update on non-operative management of splenic injuries.*” Kern Medical Center, Bakersfield, CA. March 2004

Visiting Professor- “*Abdominal Vascular Injuries.*” Department of Surgery University of Connecticut, Hartford, CT. June 2004

Visiting Professor – “*Sepsis Update.*” Kern Medical Center, Bakersfield, CA. October 2004

Visiting Professor. Advances in imaging – Applications to Trauma Surgery. Mario Gatti Hospital, State University of Campinas, Brazil. April 2005

Visiting Professor. The San Diego Trauma System. Mario Gatti Hospital, State University of Campinas, Brazil. April 2005

Visiting Professor. Surgical Critical Care – A new (sub) specialty or just an alternative to trauma surgeons. Mario Gatti Hospital, State University of Campinas, Brazil. April 2005

Visiting Professor. Thoracic Vascular Trauma. Mario Gatti Hospital, State University of Campinas, Brazil. April 2005

Visiting Professor. Advances in Imaging – Applications to Surgery and Trauma. Grand Rounds. Santa Casa School of Medicine, Sao Paulo, Brazil. April 2005

Visiting Professor -- Update on Sepsis. Saint Francis Hospital and Medical Center, Hartford CT. October 2005

Visiting Professor – Current Management of penetrating abdominal trauma. Kern Medical Center, Bakersfield, CA. December 2005

Visiting Professor, Mario Gatti Hospital, State University of Campinas. Brazil. May 2006

Visiting Professor, Hospital Das Clinicas University of Sao Paulo, Sao Paulo, Brazil. May 2006

Visiting Professor, University of Toronto, Sunnybrook Hospital, Division of Trauma, Toronto, Ontario, Canada, April 2007

Visiting Professor, Kern Medical Center, Bakersfield, CA. June 2006

Visiting Professor, Hospital Barros Barreto, State University of Para, Brazil. June 2006

Visiting Professor, Kern Medical Center, Bakersfield, CA. December 2006

Visiting Professor, Kern Medical Center, Bakersfield, CA. June 2007

Visiting Professor, Kern Medical Center, Bakersfield, CA. December 2007

Visiting Professor, University of Caxias, Caxias do Sul, Brazil, March 2008

Visiting Professor, State University of Campinas and Hospital Mario Gatti, May 2008

Visiting Professor, University of British Columbia, Vancouver, British Columbia, Canada. October 2008

Visiting Professor, International Symposium of Respiratory Diseases, Shanghai, China. November 2008

Visiting Professor, Cedars-Sinai Medical Center, Los Angeles, CA. February 2009.

Participant

Annual Meeting of the Brazilian College of Surgeons, Sao Paulo Chapter, Sao Paulo, Brazil, 1985

Annual Meeting of the Brazilian College of Surgeons, Sao Paulo Chapter, Sao Paulo, Brazil, 1986

World Congress of Gastroenterology, Sao Paulo, Brazil, 1987

Western Hemisphere Congress of the International College of Surgeons, Sao Paulo, 1987

Annual Congress of the American College of Surgeons, San Francisco, 1987

Pan-American Trauma Society Meeting, San Juan, Puerto Rico, 1988

Annual Congress of the American College of Surgeons, Chicago, 1988

Annual Congress of the American College of Surgeons, Chicago, 1988

Annual Meeting of the Brazilian College of Angiology and Vascular Surgery, Sao Paulo, Brazil, 1989

Annual Congress of the American College of Surgeons, San Francisco, 1990

Pan-American Trauma Society Meeting, Sao Paulo, Brazil, 1990

Annual Congress of the American College of Surgeons, Chicago, 1991

Pan-American Trauma Society Meeting, Buenos Aires, Argentina, 1991

Annual Meeting of the Brazilian College of Surgeons, Sao Paulo Chapter, Sao Paulo, Brazil, 1991

Annual Meeting of the Brazilian College of Surgeons, Sao Paulo Chapter, Sao Paulo, Brazil, 1992

Pan-American Trauma Society Meeting, Guadalajara, Mexico, 1992

Pan-American Trauma Society meeting, San Jose, Costa Rica, 1993

Annual Meeting of the Brazilian College of Surgeons, Rio de Janeiro, Brazil, 1993

Annual Meeting of the American Association for the Surgery of Trauma, San Diego, CA, 1994

CA Trauma Conference, San Diego, CA, 1994

Annual Meeting of the Society for University Surgeons. Denver, CO, 1995

Annual Meeting of the Shock Society, Asheville, NC, 1995

Annual Meeting of the American Association for the Surgery of Trauma. Halifax, Nova Scotia, Canada, 1995

Annual Congress of the American College of Surgeons, New Orleans, LO, 1995

Annual Meeting of the Southwestern Surgical Congress. Scottsdale, AZ, 1995

Annual Meeting of the Brazilian College of Surgeons, Sao Paulo, Brazil, 1995

Annual Meeting of the Brazilian College of Surgeons, Sao Paulo Chapter, Sao Paulo, Brazil, 1996

Annual Meeting of the American Association for the Surgery of Trauma. Houston, TX, 1996

Pan-American Trauma Society Meeting, Cartagena de Indias, Colombia, 1996

Annual Meeting of the American Association for the Surgery of Trauma, Waikoloa, HI, 1997

Annual Meeting of the Pan-American Trauma Society, Buenos Aires, Argentina, 1998

22nd Annual San Diego Postgraduate Assembly in Surgery. San Diego, CA, 1999

Annual Meeting of the Shock Society and the Fourth International Shock Congress. Philadelphia, PA, 1999

First International Surgical Forum. Brazilian College of Surgeons and Latin American Surgical Federation. Salvador, Brazil, 2000

10th Annual CA Trauma Conference, San Diego, CA, 2000

Spring Meeting. American College of Surgeons. Washington, DC. 2000

Annual Meeting of the American Association for the Surgery of Trauma. San Antonio, Texas. 2000

Critical Care Summer Session. San Diego, CA. 2000

Annual Meeting of the Pan-American Trauma Society. Panama City, Panama. 2000

Annual Meeting of the Shock Society. Marco Island, FL, 2001

Critical Care Summer Session. San Diego, CA. 2001

Symposium on Trauma in the Border Region. Tecate, Mexico. 2001

Annual Meeting of the Brazilian College of Surgeon. Sao Paulo, Brazil. 2001

Annual San Diego Postgraduate Assembly in Surgery. San Diego, CA. 2002

Annual Congress. Society of Critical Care Medicine. San Diego, CA. 2002

Critical Care Summer Session. San Diego, CA. 2002

Annual Meeting of the American Association for the Surgery of Trauma. Orlando, Florida. 2002

Annual Clinical Congress. American College of Surgeons. San Francisco, CA. 2002

Annual Meeting of Association for Academic Surgery, Boston MA. November 2002

Annual Meeting Pan-American Trauma Society. Sao Paulo, Brazil. November 2002.

Brazilian Society of Angiology and Vascular Surgery. Sao Paulo Chapter Bi-Annual Meeting. Sao Paulo, Brazil. April 2003

American Association for the Surgery of Trauma – Spring Board of Managers Meeting. Chicago, IL. April 2003

Annual Meeting Surgical Infection Society. San Antonio, TX. April 2003

Annual Meeting of the Shock Society. Phoenix, AZ, June 2003

Critical Care Summer Session, San Diego, CA, July 2003

NIH-DoD Combined Meeting of Trauma Research. Washington, DC. July 2003

Annual Meeting of the American Association for the Surgery of Trauma. Minneapolis, MN, September 2003

Annual Clinical Congress, American College of Surgeons. Chicago, IL, October 2003

Annual Meeting of the Association for Academic Surgery. Sacramento, CA, November 2003

Annual Meeting of the Pan-American Trauma Society. Lima, Peru, November 2003

Annual scientific meeting of the Western Trauma Association, Steamboat, CO, February 2004

Annual Meeting of World Shock Congress. Munich, Germany, March 2004

Annual Meeting of Committee on Trauma. Tucson, AZ. March 2004

American Association for the Surgery of Trauma. Spring Board of Managers Meeting. Chicago, IL. April 2004

Annual Meeting of Surgical Infection Society. Indianapolis, IN. April 2004

Annual Meeting of the Shock Society. Halifax, Canada, June 2004

Critical Care Summer Session, San Diego, CA, July 2004

Annual Meeting of the American Association for the Surgery of Trauma. Maui, HI, September 2004

Annual Clinical Congress, American College of Surgeons. New Orleans, LA, October 2004

Annual Meeting of the Association for Academic Surgery. Houston, TX, November 2004

Annual Meeting Parana Chapter Brazilian Trauma Society. Curitiba, PR, Brazil. October 2004

Pan-American Trauma Society Annual Meeting, Miami, FL. November 2004

Annual Meeting Trauma, Critical Care 2005, Las Vegas, NV. March 2005

Annual Meeting of Committee on Trauma, Washington, DC. March 2005

Spring Meeting of the American Association for the Surgery of Trauma, Chicago, IL, April 2005

Annual Meeting of Surgical Infection Society. Miami, FL. May 2005

Annual Meeting of the Shock Society. Marco Island, FL. June 2005

Critical Care Summer Session, San Diego, CA, July 2005

Annual Meeting of the American Association for the Surgery of Trauma, Atlanta, GA., September 2005

Annual Clinical Congress, American College of Surgeons, San Francisco, CA, October 2005

St. Francis Trauma Symposium, Hartford, CT., October 2005

2nd Annual Day of Trauma, Scripps Mercy Hospital, San Diego, CA, November 2005

Pan-American Trauma Society Annual Meeting, Guayquil, Ecuador, November 2005

Association of Academic Surgeons/ Society of University Surgeons, San Diego, CA February 2006

Western Trauma Association, San Diego, CA, March 2006

Trauma, Critical Care 2006, Las Vegas, NV. March 2006

Annual Meeting of FASEB, San Francisco, CA, April 2006

Annual Meeting of Surgical Infection Society, San Diego, CA, April 2006

Annual Meeting State University of Para Surgical Symposium, Belem, Brazil, June 2006

UCSD Critical Care Summer Session, San Diego, CA, July 2006

Annual Meeting of the American Association for the Surgery of Trauma, New Orleans, LA., September 2006

Annual Clinical Congress, American College of Surgeons, Chicago, IL, October 2006

Annual Meeting of the Brazilian Trauma Society, Sao Paulo, Brazil, November 2006

Pan-American Trauma Society Annual Meeting, Cartagena, Colombia, November 2006

3rd Annual Day of Trauma, Scripps Mercy Hospital, San Diego, CA, November 2006

Annual Meeting of the Association for Academic Surgery, Phoenix, AZ., February 2007

Northern Regional Physicians of Mexico Conference, Tijuana, Mexico, March 2007

Annual Meeting of the 7th World Congress Trauma, Shock, Inflammation, and Sepsis (TSIS2007) – Interdisciplinary Summit on Inflammation, Munich, Germany, March 2007

Annual Meeting of Trauma, Critical Care & Acute Care Surgery 2007, Las Vegas, NV. March 2007

Annual Meeting of the Brazilian Vascular Society, Sao Paulo, Brazil, April 2007

27th Annual Meeting of Surgical Infection Society, Toronto, Canada, April 2007

Annual Meeting State University of Para Surgical Symposium, Belem, Brazil, June 2007

Critical Care Summer Session, San Diego, CA, July 2007

Annual Meeting of Brazilian College of Surgeons, Belo Horizonte, Brazil, July 2007

Annual Meeting of the American Association for the Surgery of Trauma, Las Vegas, NV, September 2007

Annual Clinical Congress. American College of Surgeons. New Orleans, LA. October, 2007

15th Annual Trauma and Critical Care Symposium, Indianapolis, IN, November, 2007

Annual Meeting of the Western Surgical Association, Colorado Springs, CO, November, 2007

UCSD SOM Continuing Medical Education, Disaster Management, and Emergency Preparedness Course, San Diego, CA, November, 2007

Pan-American Trauma Society Annual Meeting, Puebla, Mexico, December 2007

Annual Kuwait Postgraduate Assembly in Surgery, Kuwait, December, 2007

Society of University Surgeons and Association for Academic Surgery Annual Meeting, Huntington Beach, CA, February, 2008

Pacific Coast Surgical Association Annual Meeting, San Diego, CA, February, 2008

Western Trauma Association Annual Meeting, Squaw Creek, CA, February, 2008

Annual Assembly in Surgery Postgraduate Course, San Diego, CA, March, 2008

Disaster Management and Emergency Preparedness Course, San Diego, CA, March, 2008

Annual Meeting of Surgical Infection Society, Hilton Head Island, South Carolina, May, 2008

Colombian National Congress, Bogotá, Colombia, June, 2008

Shock Society Annual Meeting, Cologne, Germany, June, 2008

Psychological Health and Traumatic Brain Injury Clinical Consortium, Washington, DC, July 2008

California Trauma System Summit, Sacramento, California, July 2008

Annual Meeting of the American Association for the Surgery of Trauma, Maui, Hawaii, September 2008

Meeting of the Japanese Association for Acute Medicine, Maui, Hawaii, September 2008

Annual Clinical Congress, American College of Surgeons, San Francisco, CA October 2008

Annual Meeting of the Panamerican Trauma Society, Campinas, Brazil, November 2008

American College of Surgeons Committee on Trauma Resident Essay Competition, Region IX, Phoenix, AZ, December 2008

2nd Trauma Conference of the Mexican Red Cross, Tijuana, Mexico, January 2009

4th Annual Academic Surgical Congress of the Association for Academic Surgery, Ft. Myers, FL, February 2009

80th Annual Meeting of the Pacific Coast Surgical Association, San Francisco, CA, February 2009

39th Annual Meeting of the Western Trauma Association, Crested Butte, CO, February 2009

Annual Meeting of the American College of Surgeons Committee on Trauma, Chicago, IL, March 2009.

Spring Meeting of the Board of Managers of the American Association for the Surgery of Trauma, Chicago, IL, April 2009.

Trauma, Critical Care, & Acute Care Surgery 2009, Las Vegas, NV, April 2009.

129th Meeting of the American Surgical Association, Indian Wells, CA, April 2009.

53rd Annual Meeting of the Chilean Chapter of the American College of Surgeons, Santiago, Chile, May 2009.

29th Annual Meeting of the Surgical Infection Society, Chicago, IL, May 2009.

Paper Presentations

Utilization of Doppler–Ultrasound in the Evaluation of Small Bowel Viability: Experimental Study in Dogs. Sao Paulo Chapter, Brazilian College of Surgeons Meeting. Sao Paulo, Brazil, 1985

Gastric Trichobezoar: Association with Peptic Ulcer and Gastric Cancer. Sao Paulo Chapter, Brazilian College of Surgeons Meeting. Sao Paulo, Brazil, 1986

Pancreatic Cystadenoma. Sao Paulo Chapter, Brazilian College of Surgeons Meeting. Sao Paulo, Brazil, 1985

Acute Abdomen in the Elderly. Sao Paulo Chapter, Brazilian College of Surgeons Meeting. Sao Paulo, Brazil, 1985

Clinical Preoperative Evaluation of Patients Undergoing Abdominal Aortic Surgery. 28th Annual Meeting – Brazilian Society of Angiology and Vascular Surgery. Sao Paulo, Brazil, 1989

Reperfusion Syndrome. 28th Annual Meeting – Brazilian Society of Angiology and Vascular Surgery. Sao Paulo, Brazil, 1989

Treatment of Venous Ulcers of the Lower Extremities with Elastic Compression Bandages. 28th Annual Meeting – Brazilian Society of Angiology and Vascular Surgery. Sao Paulo, Brazil, 1989

Postoperative Complications Following AAA Repair. 28th Annual Meeting – Brazilian Society of Angiology and Vascular Surgery. Sao Paulo, Brazil, 1989

Vascular Injuries Associated with Orthopedic Trauma. 28th Annual Meeting – Brazilian Society of Angiology and Vascular Surgery. Sao Paulo, Brazil, 1989

Fasciotomy as an Adjunct of Post-traumatic Revascularization of the Lower Extremity. 3rd Annual Meeting Pan-American Trauma Society. Sao Paulo, Brazil, 1990

Axillary-Subclavian Trauma. 3rd Annual Meeting Pan-American Trauma Society. Sao Paulo, Brazil, 1990

Penetrating Abdominal Aortic Injuries. 4th Annual Meeting Pan-American Trauma Society. Buenos Aires, Argentina, 1991

Inferior Vena Caval Injuries. 4th Annual Meeting Pan-American Trauma Society. Buenos Aires, Argentina, 1991

Penetrating Cardiac Injuries. 4th Annual Meeting Pan-American Trauma Society. Buenos Aires, Argentina, 1991

Injuries of the Supra-aortic Branches. 4th Annual Meeting Pan-American Trauma Society. Buenos Aires, Argentina, 1991

Penetrating Hepatic Injuries. 4th Annual Meeting Pan-American Trauma Society. Buenos Aires, Argentina, 1991

Penetrating Duodenal Injuries. 4th Annual Meeting Pan-American Trauma Society. Buenos Aires, Argentina, 1991

Penetrating Abdominal Wounds. 4th Annual Meeting Pan-American Trauma Society. Buenos Aires, Argentina, 1991

Thoracoabdominal Wounds. 4th Annual Meeting Pan-American Trauma Society. Buenos Aires, Argentina, 1991

Mediastinal Wounds. 4th Annual Meeting Pan-American Trauma Society. Buenos Aires, Argentina, 1991

Hepatic Resection – Inflammatory Response and the Role of Endogenous Glucocorticoids. 2nd Brazilian Congress of Experimental Surgery. Foz Do Iguaçu, Brazil, 1991

Complicated Acute Appendicitis. Sao Paulo Chapter, Brazilian College of Surgeons Meeting. Sao Paulo, Brazil, 1991

Cavernous Hemangioma: A Rare Cause of Lower GI Bleeding. Sao Paulo Chapter, Brazilian College of Surgeons Meeting. Sao Paulo, Brazil, 1991

Acute Abdomen in the Elderly. 19th Annual Meeting Brazilian College of Surgeons. Rio de Janeiro, Brazil, 1991

Non-Therapeutic Laparotomy in Non-Traumatic Abdominal Emergencies. Sao Paulo Chapter, Brazilian College of Surgeons Meeting. Sao Paulo, Brazil, 1992

Trauma in the Elderly. Sao Paulo Chapter, Brazilian College of Surgeons Meeting. Sao Paulo, Brazil, 1992

Factors Related to Morbidity and Mortality in Penetrating Hepatic Injuries. 5th Annual Meeting Pan-American Trauma Society. Guadalajara, Mexico, 1992

Penetrating Gastric Injuries. 5th Annual Meeting Pan-American Trauma Society. Guadalajara, Mexico, 1992

Traumatic Diaphragmatic Hernia. 5th Annual Meeting Pan-American Trauma Society. Guadalajara, Mexico, 1992

Penetrating Injuries to the Back. 5th Annual Meeting Pan-American Trauma Society. Guadalajara, Mexico, 1992

Evaluation of Postoperative Morbidity in Abdominal Trauma Using Physiologic and Anatomic Indexes. 5th Annual Meeting Pan-American Trauma Society. Guadalajara, Mexico, 1992

Splenic Injuries. 5th Annual Meeting Pan-American Trauma Society. Guadalajara, Mexico, 1992

Treatment of Transfixing Hepatic Injuries with a Hydrostatic Balloon. 5th Annual Meeting Pan-American Trauma Society. Guadalajara, Mexico, 1992

Thoracotomy for Trauma. 5th Annual Meeting Pan-American Trauma Society. Guadalajara, Mexico, 1992

Penetrating Thoracic Injuries. 5th Annual Meeting Pan-American Trauma Society. Guadalajara, Mexico, 1992

Penetrating Thoracic and Abdominal Injuries With and Without Diaphragmatic Injury. 5th Annual Meeting Pan-American Trauma Society. Guadalajara, Mexico, 1992

Utilization of Trauma Indices in the Evaluation of Morbidity and Mortality of Elderly Trauma. 20th Annual Meeting of the Brazilian College of Surgeons. Rio de Janeiro, Brazil, 1993

Acute Inflammatory Response Following Extensive Hepatic Resection. An Experimental Study in Rats. 20th Annual Meeting of the Brazilian College of Surgeons. Rio de Janeiro, Brazil, 1993

Morbidity and Mortality of Air Transported Trauma Patients. 20th Annual Meeting of the Brazilian College of Surgeons. Rio de Janeiro, Brazil, 1993

Treatment of Transfixing Hepatic Injuries with a Hydrostatic Balloon. 20th Annual Meeting of the Brazilian College of Surgeons. Rio de Janeiro, Brazil, 1993

Risk Factors of Mortality in Penetrating Abdominal Aortic Injuries. 30th Annual Meeting Brazilian Society of Angiology and Vascular Surgery. Porto Alegre, Brazil, 1993

Analysis of Mortality Factors in Inferior Vena Caval Injuries. 30th Annual Meeting Brazilian Society of Angiology and Vascular Surgery. Porto Alegre, Brazil, 1993

Acute Peripheral Arterial Insufficiency of the Lower Extremities Caused by Ergotamine Derivatives. 30th Annual Meeting Brazilian Society of Angiology and Vascular Surgery. Porto Alegre, Brazil, 1993

Subclavian Artery Trauma. 30th Annual Meeting Brazilian Society of Angiology and Vascular Surgery. Porto Alegre, Brazil, 1993

Analysis of Mortality in Abdominal Vascular Injuries. 30th Annual Meeting Brazilian Society of Angiology and Vascular Surgery. Porto Alegre, Brazil, 1993

Trauma in the Elderly: Is a Specific Survival Probability Index (GTSS) Really Necessary? 6th Annual Meeting Pan-American Trauma Society. San Jose, Costa Rica, 1993

Penetrating Cardiac Injury: Still a Highly Lethal Injury. 6th Annual Meeting Pan-American Trauma Society. San Jose, Costa Rica, 1993

Factors Related to Mortality in Inferior Vena Caval Injuries: A 5-Year Experience. 6th Annual Meeting Pan-American Trauma Society. San Jose, Costa Rica, 1993

Outcome Assessment of Abdominal Trauma Patients in the Intensive Care Unit: Review of TRISS Designated Unexpected Deaths. 6th Annual Meeting Pan-American Trauma Society. San Jose, Costa Rica, 1993

Splenic Trauma: Factors Related to Morbidity and Mortality. A Multivariate Analysis. 6th Annual Meeting Pan-American Trauma Society. San Jose, Costa Rica, 1993

Postoperative Complications Following Abdominal Trauma. 6th Annual Meeting Pan-American Trauma Society. San Jose, Costa Rica, 1993

Penetrating Gastric Injuries: Is concomitant diaphragmatic injury really important in the determination of postoperative complications? 6th Annual Meeting Pan-American Trauma Society. San Jose, Costa Rica, 1993

Penetrating Thoracic Injuries: When is thoracotomy really necessary? 6th Annual Meeting Pan-American Trauma Society. San Jose, Costa Rica, 1993

Analysis of Morbidity and Mortality in Blunt Thoracic Trauma. 6th Annual Meeting Pan-American Trauma Society. San Jose, Costa Rica, 1993

Morbidity and Mortality in Air Transported Trauma Patients. 6th Annual Meeting Pan-American Trauma Society. San Jose, Costa Rica, 1993

Hypertonic Saline Augments IL-2 and IL-6 Production. Annual Conference of the Shock Society, Asheville, NC, 1995

Hypertonic Saline Enhances T-cell Proliferation and IL-2 Production but Blocks IL-1, IL-6 and TNF α Production. American Association for the Surgery of Trauma Annual Meeting. Halifax, Nova Scotia, Canada, 1995

Immunosuppression Following Hemorrhage is Reduced by Hypertonic Saline Resuscitation. Surgical Forum - Annual Congress of the American College of Surgeons, New Orleans, LO, 1995

The Ongoing Challenge of Retroperitoneal Vascular Injuries: Location, Location, Location. Annual Meeting of the Southwestern Surgical Congress. Scottsdale, AZ, 1995

Analysis of Mechanism, Treatment and Mortality of severe Hepatic Trauma: A 10-Year Experience of a Level I Trauma Center. Annual Meeting of the Brazilian College of Surgeons, Sao Paulo, Brazil, 1995

Rectal Wounds: Analysis of Prognostic Factors. Annual Meeting of the Brazilian College of Surgeons, Sao Paulo Chapter, Sao Paulo, Brazil, 1996

Hypertonic Saline Resuscitation Decreases Susceptibility to Sepsis Following Hemorrhagic Shock. American Association for the Surgery of Trauma Annual Meeting. Houston, TX, 1996

Popliteal Artery Injuries: Risk Factors for Limb Loss. 7th Annual Meeting Pan-American Trauma Society. Cartagena de Indias, Colombia, 1996

Are the Venous Lactate and Base Deficit Levels Predictive Factors to Morbidity and Mortality in Trauma Patients? 7th Annual Meeting Pan-American Trauma Society. Cartagena de Indias, Colombia, 1996

A Critical Analysis of Prognostic Factors in Patients Sustaining Pelvic Fractures Admitted to Shock. 7th Annual Meeting Pan-American Trauma Society. Cartagena de Indias, Colombia, 1996

Hypertonic Saline and Pentoxifylline Resuscitation Reduce Bacterial Translocation and Lung Injury Following Hemorrhagic Shock. Lactated Ringer's Does Not. American Association for the Surgery of Trauma Annual Meeting, Waikoloa, HI, 1997

Serum Ionic Calcium Levels Predict Outcome of Trauma Patients. American Association for the Surgery of Trauma Annual Meeting, Waikoloa, HI, 1997

Resuscitation with pentoxifylline on hemodynamics, pulmonary vascular resistance and mesenteric blood flow after shock. Does it make a difference? Shock Society Annual Meeting, 1998

Hypertonic saline and pentoxifylline diminish lung injury and bacterial translocation after hemorrhagic shock. Shock Society Annual Meeting, 1999

Blood loss and transcapillary refill in uncontrolled treated hemorrhage in dogs. Shock Society Annual Meeting, 1999

A new method for measuring bleeding loss with a gamma camera, in a canine model of uncontrolled hemorrhage. Shock Society Annual Meeting, 1999

Traumatic Brain Injury: Patterns of Failure of Non- Operative Management. American Association for the Surgery of Trauma Annual Meeting. Boston, MA, 1999

A critical analysis of time to disease-related complications: An 8-year experience of blunt trauma in a level I trauma center. Annual Clinical Congress – Surgical Forum. American College of Surgeons. San Francisco, CA, 1999

Neutrophil swelling increases oxidative burst in humans and is seen following crystalloid resuscitation in a mouse hemorrhage model. Annual Clinical Congress – Surgical Forum. American College of Surgeons. San Francisco, CA, 1999

Hypertonic Saline and Pentoxifylline Resuscitation Reduce Leukocyte Adherence after Hemorrhagic Shock. Shock Society Annual Meeting, 2000

Pentoxifylline attenuates bacterial translocation and respiratory burst in a murine burn shock model. Annual Clinical Congress – Surgical Forum. American College of Surgeons. Chicago, IL, 2000

Comparative Effects of the Treatments with Lactated Ringer's, Hypertonic Saline or Pentoxifylline on Microcirculation after Hemorrhagic Shock. Annual Congress. Society of Critical Care Medicine, 2000

The 15-Year Evolution of an Urban Trauma Center: What Does the Future Hold for the Trauma Surgeon? American Association for the Surgery of Trauma Annual Meeting. San Antonio, TX. 2000

Non-operative Management and Early Packing Reduces the Overall Mortality of Grades 3 and 4 Liver Injuries (G3-4LIV): A Single Institutional Experience. American Association for the Surgery of Trauma Annual Meeting. San Antonio, TX. October 2000

Nonoperative Management of Liver Injuries. Annual Meeting Brazilian College of Surgeons. Sao Paulo, Brazil. July 2001

An Analysis of Complications and Mortality After Blunt Trauma: Is Female Gender Protective? To be presented at the American Association for the Surgery of Trauma Annual Meeting. Seattle, WA, 2001. Meeting canceled because of the terrorist attacks to the US on 9/11/01.

Hemocholecyst Causing Acute Cholecystitis: An Unusual Presentation of Carcinoma of the Gallbladder. Annual Clinical Congress. American College of Surgeons. New Orleans, LA. October 2001

“Lethal Injuries, Competing Injuries.” College of Surgeons of Mexicali. Mexicali, Mexico. February 2002

“Esophageal Injuries.” 11th Regional and International Surgical Congress. College of Surgeons of Tijuana. Tijuana, Mexico. March 2002

A ten-year analysis of trauma complications: As good as it gets. American Association for the Surgery of Trauma Annual Meeting. Orlando, FL. September 2002

“Does sexual dimorphism influence outcome of head injured patients?” The answer is no! American Association for the Surgery of Trauma Annual Meeting. Orlando, FL. September 2002

“Hypertonic saline reduces short term neutrophil adherence decreasing long term lung neutrophil sequestration in a two hit model of resuscitated hemorrhage and infection.” Presented at the American Association for the Surgery of Trauma annual meeting, Orlando FL. September 2002

“Intestinal Lymphoma Causing Intussusception in HIV+ Patient. A Rare Form of Presentation.” Annual Clinical Congress. American College of Surgeons. San Francisco, CA. October 2002

“Pentoxifylline reduces acute lung injury in chronic endotoxemia by modulating neutrophil-endothelial cell interaction.” Presented at the Annual meeting of the Association of Academic Surgery Meeting, Boston, MA. November 2002

“Superiority of intrapulmonary pentoxifylline on cardiac performance after hemorrhagic shock.” The 26th Annual Conference on Shock. Phoenix, AZ. June 2003

“Pentoxifylline modulates the acute inflammatory response after endotoxemia.” The 26th Annual Conference on Shock. Phoenix, AZ. June 2003

“Hypertonic saline associated with pentoxifylline reduces neutrophil migration after hemorrhagic shock.” The 26th Annual Conference on Shock. Phoenix, AZ. June 2003

“North American Survey on Reversal of Anticoagulation in Trauma.” Presented at the annual meeting of American Association for the Surgery of Trauma. Minneapolis, MN. September 2003

“Pro- and anti-inflammatory cytokine balance in acute endotoxemia: Modulation by pentoxifylline.” Presented at the annual meeting of American Association for the Surgery of Trauma. Minneapolis, MN. September 2003

“Pentoxifylline Modulates Neutrophil Function in Acute Endotoxemia.” Presented at the annual meeting of the Association for Academic Surgery. Sacramento, CA. November 2003

“LPS-Stimulated PMN activation and proinflammatory mediator synthesis is down regulated by phosphodiesterase inhibition: Role of pentoxifylline.” Paper presented at the 34th Annual scientific meeting of the Western Trauma Association, Steamboat, CO. February 2004

“High rates of acute stress disorder impact quality of life outcomes in injured adolescents: Mechanism and gender predict ASD risk.” Presented at the Western Trauma Association Annual Meeting, Steamboat Springs, CO. February 2004

“Downregulation of inflammation in hemorrhagic shock and sepsis: Role of phosphodiesterase inhibition.” 6th World Congress on Trauma, Inflammation and Sepsis – Pathophysiology, Immune Consequences and Therapy. Munich, Germany. March 2004

“Adding inflammatory mediators to resuscitation regimens.” 6th World Congress on Trauma, Inflammation and Sepsis – Pathophysiology, Immune Consequences and Therapy. Munich, Germany. March 2004

“Liver Dysfunction and Histopathological Changes in Acute Endotoxemia: Reversal by Phosphodiesterase Inhibition.” Presented at the Annual Meeting Surgical Infection Society. Indianapolis, IN. April 2004

“Downregulation of neutrophil oxidative burst by pentoxifylline: timing and intracellular localization.” Presented at the Annual Meeting of the Shock Society. Halifax, Canada. June 2004

“Acting upstream and downstream from protein kinase C is ideal to modulate the inflammatory response: Role of HPTX a novel resuscitation strategy.” Presented at the Annual Meeting of the American Association for the Surgery of Trauma. Maui, HI. September 2004

“Long-term PTSD persists after major trauma in adolescents: new data on risk factors and functional outcome.” Presented at the Annual Meeting of the American Association for the Surgery of Trauma. Maui, HI. September 2004

“An 18-year analysis of death preventability: opportunities for further improvement in trauma care.” Presented at the Annual Meeting of the American Association for the Surgery of Trauma. Maui, HI. September 2004

“Neutrophil migration in carrageenan-induced pleurisy after hemorrhagic shock: role of hypertonic saline and pentoxifylline.” Presented at the Annual Meeting of the American Association for the Surgery of Trauma. Maui, HI. September 2004

“Effects of phosphodiesterase inhibition by pentoxifylline on MAPK p38 and cAMP/PKA intracellular signaling pathways.” Presented at the Annual Meeting of the Association for Academic Surgery. Houston, TX. November 2004

Downregulation of LPS-induced neutrophil oxidative burst by phosphodiesterase inhibition is independent of MAPK p38 and PKA activation. Presented at the Annual meeting of the Surgical Infection Society. Miami, FL. May 2005

Regulation of TNF- α production by MAPK signaling Pathways: Role of phosphodiesterase inhibition. Presented at the 28th Annual Conference on Shock, San Marco Island, FL. June 2005

Relative efficacy of gut Protease inhibition post hemorrhagic shock – nafamostat is best. Presented at the 28th Annual Conference on Shock, San Marco Island, FL. June 2005

Pentoxifylline decreases neutrophil oxidative burst Independent of PKA activation: Effects on MAPK P38. Presented at the 28th Annual Conference on Shock, San Marco Island, FL. June 2005

HSPTX protects against hemorrhagic shock resuscitation-induced tissue injury: An attractive alternative to Ringer’s lactate. Presented at the Annual Meeting of the American Association for the Surgery of Trauma, Atlanta, GA. September 2005

From intracellular signaling to acute lung injury after shock: The clear advantage of HSPTX over ringer’s lactate on end-organ injury by J. Deree. 2005 ACS Committee on Trauma Region Nine Resident Basic Science Paper Competition, San Diego, CA, December 1, 2005

Pentoxifylline downregulates stored blood-induced inflammation: A new role for an old drug by J. Deree. The 1st Annual Academic Surgical Congress – Society of University Surgeons, San Diego, CA, February 8-11, 2006

Fighting ALI: The effects of HSPTX in an animal model of hemorrhagic shock by J. Deree. The 36th Annual Meeting of the Western Trauma Association, Big Sky, MT, February 28–March 3, 2006

The competition between NF- κ B and CREB for the coactivator CPB is affected by the resuscitation strategy in hemorrhagic shock: Another nail in the coffin of conventional ringer's lactate resuscitation by J. Deree. The Annual Meeting for Experimental Biology, San Francisco, CA, April 1-5, 2006

Further evidence of the anti-inflammatory effects of pentoxifylline: Effects on PMN degranulation by J. Deree, The 1st Annual Academic Surgical Congress – Association for Academic Surgery, San Diego, CA, February 8-11, 2006.

Phosphodiesterase inhibition attenuates MAPK-dependent blood transfusion-induced neutrophil activation: A novel adjunct to blood transfusion by J. Deree, The 26th Annual Meeting of the Surgical Infection Society, San Diego, CA, April 27-29, 2006.

Phosphodiesterase inhibition attenuates lung injury in experimental acute pancreatitis by T. De Campos, The 27th Annual Meeting of the Surgical Infection Society, Toronto, Ontario, Canada. Poster Presentation, April 2006.

Transcription factor modulation through phosphodiesterase inhibition in human PBMCs by J. Deree, The 28th Annual Conference on Shock, Broomfield, CO, June 3-6, 2006.

HSPTX attenuates gut injury after hemorrhagic shock: The kindler, gentler resuscitation by J. Deree, The 65th Annual Meeting of the American Association for the Surgery of Trauma, New Orleans, LA, September 2006.

Abdominal aortic injuries: The experience of a Level I Trauma center by J. Deree, The 21st Annual Meeting of the Western Vascular Society, San Diego, CA, September 2006.

Causes of early death as determined by autopsy. Does the Golden Hour still apply? By V. Bansal, American College of Surgeons Committee on Trauma Paper Competition Region IX. Palo Alto, CA, December 2006

The effects of hypertonic saline and phosphodiesterase inhibition on neutrophil MAPK signaling: The whole is greater than the sum of its parts by J. Deree. The 2nd Annual Academic Surgical Congress – Society of University Surgeons, Phoenix, AZ, February 2007

A 21-year history of ATV trauma: Has anything changed? Poster presentation by V. Bansal, Southwestern Surgical Congress: Palm Springs, CA, March 2007

The effects of pentoxifylline on acute experimental pancreatitis by J. Deree, The 27th Annual Brazilian Surgical Congress and the 9th Annual Meeting of the Latin American College of Surgeons, Horizonte, Brazil, July 2007

HSPTX attenuates hepatic transcription factor activation and pro-inflammatory mediator synthesis after hemorrhagic shock by J. Deree, The 66th Annual Meeting of the American Association for the Surgery of Trauma, Las Vegas, NV, September 2007.

The golden 6 hours: Hemorrhage and not brain injury is more prevalent in causing early trauma deaths. Poster presentation by V. Bansal. American Association for the Surgery of Trauma, Las Vegas, NV, September 2007

The utility of operating room resuscitations. Poster presentation by J. Lee. American Association for the Surgery of Trauma, Las Vegas, NV, September 2007

Methamphetamine Use in Trauma Patients: Current Trends and Consequences by J. Deree, American College of Surgeons 93rd Annual Clinical Congress, Surgical Forum, New Orleans, LA, October 7-11, 2007

Venous thromboembolism in a burn population – Is it time to prevent the clot? by B. Potenza. Western Trauma Society, Squaw Creek, CA, February 2008

The effects of phosphodiesterase inhibition on NF- κ B activation in LPS stimulated THP1 cells by J. Deree, The 3rd Annual Academic Surgical Congress – Society of University Surgeons, Huntington Beach, CA, February 2008

The effect of hypertonic saline and phosphodiesterase inhibition on the PI3K/AKT pathway in neutrophil oxidative burst by T. Costantini, The 3rd Annual Academic Surgical Congress – Association of Academic Surgery, Huntington Beach, CA, February 2008

Pentoxifylline attenuates fMLP-induced oxidative burst in human neutrophils through PKA dependent and independent mechanisms: effects on Ras, Raf, and MAPK activation by J. Deree, The Annual Meeting for Experimental Biology, San Diego, CA, April 2008

Phosphodiesterase inhibition decreases breakdown of the tight junction proteins occluding and ZO-1 in immuno-stimulated Caco-2 intestinal monolayers by T. Costantini, The 28th Annual Meeting of the Surgical Infection Society, Hilton Head Island, SC, May 2008

Phosphodiesterase inhibition modulates intestinal tight junction signaling after burn injury: Effects on myosin light chain kinase, by T.W. Costantini. 67th Meeting of the American Association for the Surgery of Trauma, Maui, HI, September 2008

Redefining renal dysfunction in trauma: Implementation of network, by T.W. Costantini. 67th Meeting of the American Association for the Surgery of Trauma, Maui, HI, September 2008

Is bigger better? The effect of obesity on pelvic fractures following side impact motor vehicle crashes, Poster Presentation by V. Bansal. 67th Meeting of the American Association for the Surgery of Trauma, Maui, HI, September 2008

A novel method for the quantitative assessment of intestinal injury using non-invasive, in vivo near-infrared imaging, by T.W. Costantini. American College of Surgeons Committee on Trauma Basic Science Paper Competition, Region IX. Phoenix, AZ, December 2008

Implementation of a Safe and Effective Computerized Glucose Control Protocol in a Surgical ICU, by L. Nwakanma. American College of Surgeons Committee on Trauma Clinical Research Paper Competition, Region IX. Phoenix, AZ, December 2008

Role of p38 MAPK in Burn-Induced Intestinal Barrier Breakdown, by T.W. Costantini. 4th Annual Academic Surgical Congress of the Society of University Surgeons, Ft. Myers, FL, February 2009

Utilizing Phage Display Technology to Identify Peptide Sequences Targeting the Burn Injured Intestinal Barrier, by T.W. Costantini. 4th Annual Academic Surgical Congress of the Association for Academic Surgery, Ft. Myers, FL, February 2009

Arginine is Essential in Reversing Prostaglandin E₂ Induced T Cell Suppression by Hypertonic Saline, by V. Bansal. 4th Annual Academic Surgical Congress of the Association for Academic Surgery, Ft. Myers, FL, February 2009

Burns, Inflammation, and Intestinal Injury: Protective Effects of an Anti-Inflammatory Resuscitation Strategy by T. Costantini. 39th Annual Meeting of the Western Trauma Association, Crested Butte, CO, March 2009

Burn Injuries in the 2007 Wildfires: A Bimodal Demographic. Poster Presentation by B. Potenza. 41st Annual Meeting of the American Burn Association, San Antonio, TX, March 2009

Gut Barrier Injury is Associated with Activation of Enteric Glia Cells by T.W. Costantini. 29th Annual Meeting of the Surgical Infection Society, Chicago, IL, April 2009.

Toll-like Receptor-4 Mediates Intestinal Injury After Burn by C.Y. Peterson. 29th Annual Meeting of the Surgical Infection Society, Chicago, IL, April 2009.

Formal Research, Educational Presentations & Participation in Scientific Meetings

Lectures:

Vascular Injuries Associated with Orthopedic Fractures. 8th Annual Course of Emergency Surgery. Brazilian College of Surgeons. Sao Paulo, Brazil. June 1990

Complications of Chronic Arterial Insufficiency of the Lower Extremities. A course on continual surgical education. Sao Paulo, Brazil. March 1991

Retroperitoneal Hematoma-Controversies. Postgraduate Course in Surgery. Sao Paulo, Brazil. June 1991

Initial Evaluation of the Trauma Patient: What the general surgeon should know. Florianopolis, Brazil. September 1991

Abdominal Trauma. Florianopolis, Brazil. September 1991

Indications, Technical Aspects and Results of the Intracaval Shunt. 9th Annual Course of Emergency Surgery and Trauma. Brazilian College of Surgeons. Sao Paulo, Brazil. October 1991

Review Articles/Scientific Publications. Postgraduate Course in Surgery. Sao Paulo, Brazil. March 1991

Major Trauma of the Supraaortic Vessels. Postgraduate Course in Surgery. Sao Paulo, Brazil. April 1991

Initial Evaluation of Facial Trauma. Postgraduate Course in Surgery. Sao Paulo, Brazil. August 1991

The Role of Angiography in the Diagnosis and Management of Renal Trauma. Postgraduate Course in Surgery. Sao Paulo, Brazil. October 1991

Surgical Management of Portal Hypertension. Postgraduate Course in Surgery. Sao Paulo, Brazil. March 1992

Early Gastric Cancer: Initial Evaluation and Differential Diagnosis. Postgraduate Course in Surgery. Sao Paulo, Brazil. May 1992

Biological Functions of the Complement System and Cellular Immunity. Postgraduate Course in Surgery. Sao Paulo, Brazil. June 1992

Thoracoabdominal Trauma. Brazilian College of Surgeons. Belem, Brazil. June 1992

Major Abdominal Vascular Injuries. Brazilian College of Surgeons. Belem, Brazil. June 1992

Major Thoracic Vascular Injuries. Brazilian College of Surgeons. Belem, Brazil. June 1992

Widened Mediastinum, Differential Diagnosis. 10th Annual Course of Emergency Surgery and Trauma. Brazilian College of Surgeons. Sao Paulo, Brazil. July 1992

Use of Antibiotics in Trauma Surgery. Postgraduate Course in Surgery. Sao Paulo, Brazil. August 1992

Abdominal Aorta and Inferior Vena Caval Injuries. 1st Trauma Course. Santos, Brazil. October 1992

Widened Mediastinum. 6th Trauma Course. State University of Campinas. Brazil. June 1993

Advanced Methods of Diagnosis and Treatment of Trauma Patients. Annual Meeting. Brazilian College of Surgeons. Rio de Janeiro, Brazil. July 1993

Abdominal Vascular Injuries. Annual Meeting. Brazilian College of Surgeons. Rio de Janeiro, Brazil. July 1993

Nutrition in Trauma. Postgraduate Course in Surgery. Sao Paulo, Brazil. July 1993

Trauma Scores: Discipline of trauma surgery. Department of Surgery, University of Sao Paulo. Sao Paulo, Brazil. August, 1993

Hepatic Trauma. Postgraduate Course in Surgery. Sao Paulo, Brazil. August 1993

Initial Evaluation of Trauma Patient. Postgraduate Course in Surgery. Sao Paulo, Brazil. September 1993

Multiple Organ Failure. Postgraduate Course in Surgery. Sao Paulo, Brazil. September 1993

Penetrating Hepatic Injuries. Department of Surgery, State University of Campinas. Brazil. October 1993

Abdominal Venous Trauma: LiGation or Repair. 11th Latin American Surgical Congress. Sao Paulo, Brazil. July 1995

Complex Problems in Thoracic Trauma. 11th Latin American Surgical Congress. Sao Paulo, Brazil. July 1995

Deep Venous Thrombosis and Pulmonary Embolism: Diagnosis and Treatment. 11th Latin American Surgical Congress. Sao Paulo, Brazil. July 1995

Quality Control in Trauma. Annual Course of Emergency Surgery and Trauma. Brazilian College of Surgeons. Sao Paulo, Brazil. May 1996

Effects of Hypertonic Saline Resuscitation on Immunosuppression Following Hemorrhagic Shock and Sepsis. 7th International Conference on Hypertonic Resuscitation. Sao Paulo, Brazil. November 1996

Post-traumatic Immunosuppression. 7th International Conference on Hypertonic Resuscitation. Sao Paulo, Brazil. November 1996

Update on Hemorrhagic Shock. Brazilian College of Surgeons. Sao Paulo, Brazil. November 1996

Pelvic Trauma. 1st Trauma Course. Pernambuco, Brazil. December 1996

Hepatic Trauma. 1st Trauma Course. Pernambuco, Brazil. December 1996

Initial Evaluation of the Trauma Patient. 1st National Meeting of Medical Emergencies. Sao Paulo, Brazil. May 1997

Compartment Syndrome. Brazilian College of Surgeons. Rio de Janeiro, Brazil. August 1997

Trauma in the Elderly. 15th Annual Course of Emergency Surgery and Trauma. Brazilian College of Surgeons. Sao Paulo, Brazil. August 1997

Traumatic Retroperitoneal Hematomas. 2nd Annual Trauma Course. Federal University of Sao Paulo. Sao Paulo, Brazil. September 1997

Major Abdominal Vascular Injuries. 32nd Annual Meeting of the Brazilian College of Angiology and Vascular Surgery. Curitiba, Brazil. October 1997

Posttraumatic Immunosuppression. 10th Annual Meeting. Pan-American Trauma Society. Miami Beach, Florida. November 1997

Quality Assessment and Quality Improvement in Trauma. Department of Surgery, University of Sao Paulo. Sao Paulo, Brazil. May 1997

Inflammation, SIRS, Sepsis and Multiple Organ Failure. Postgraduate Course in Surgery. Sao Paulo, Brazil. June 1997

Post Traumatic Immunosuppression. Department of Pharmacology, Division of Inflammation, Institute of Biomedical Sciences, University of Sao Paulo. Sao Paulo, Brazil. September 1997

Acute Abdominal Emergencies. Postgraduate Course in Surgery. Sao Paulo, Brazil. October 1997

Metabolic Response to Trauma and Surgery. Postgraduate Course in Surgery. Sao Paulo, Brazil. November 1997

Circulatory Shock and Sepsis. Department of Physiology, University of Sao Paulo. Sao Paulo, Brazil. March 1998

Systemic Inflammatory Response Syndrome (S.I.R.S). Pan-American Trauma Society Annual Meeting. Buenos Aires, Argentina 1998

Penetrating Cardiac Injuries. Trauma Conference. UCSD Medical Center. San Diego, CA. January 1999

Blunt and Penetrating Abdominal Injuries: Principles of Management. The 22nd Annual San Diego Postgraduate Assembly in Surgery. San Diego, CA. February 1999

Immunologic Effects of Hypertonic Saline. Session: Blood Substitutes in Shock. Symposium VI. Twenty-Second Annual Conference on Shock. Shock Society, Fourth International Shock Congress. Philadelphia, PA. June 1999

Peripheral Vascular Injuries. Trauma Conference. UCSD Medical Center. San Diego, CA. August 1999

Trauma Videotape Conference Review. UCSD Medical Center. San Diego, CA. August 1999

Multiple Trauma – Pitfalls in the ICU. Critical Care Summer Session. San Diego, CA. August 1999

Trauma Videotape Conference Review. UCSD Medical Center. San Diego, CA. October 1999

Fluids, Electrolytes and Nutritional Management of the Surgical Patient. Surgery 401 Clerkship, UCSD Medical Center. San Diego, CA. October 1999

Fluids, Electrolytes and Nutritional Management of the Surgical Patient. Surgery 401 Clerkship, UCSD Medical Center. San Diego, CA. January 2000

Evolving Operative Issues. The 10th Annual CA Trauma Conference, San Diego, CA. January 2000

Stump the Faculty. The 10th Annual CA Trauma Conference, San Diego, CA. January 2000

Trauma Videotape Conference Review. UCSD Medical Center. San Diego, CA. February 2000

Combined Ortho/Trauma Conference. UCSD Medical Center. San Diego, CA. February 2000

Trauma Videotape Conference Review. UCSD Medical Center. San Diego, CA. February 2000

Trauma Videotape Conference Review. UCSD Medical Center. San Diego, CA. April 2000

New Ventilatory Strategies in ARDS. Visiting professor in the Department of Surgery, Emergency Service, Santa Casa School of Medicine, Sao Paulo, Brazil. April 2000

Combined EMS Trauma Conference. UCSD Medical Center. San Diego, CA. May 2000

Fluids, Electrolytes and Nutritional Management of the Surgical Patient. Surgery 401 Clerkship, UCSD Medical Center. San Diego, CA. May 2000

Pitfalls in Trauma Management. Trauma Conference. UCSD Medical Center. San Diego, CA. May 2000

Liver Injuries Including Retrohepatic Vena Caval Injuries. Post-Graduate Course #11: Difficult Approaches in the Trauma Patient. Spring Meeting. American College of Surgeons. Washington D.C. May 2000

Combined EMS Trauma Conference. UCSD Medical Center. San Diego, CA. June 2000

Trauma Videotape Conference Review. UCSD Medical Center. San Diego, CA. June 2000

Round Table – Case Review. Trauma Conference. UCSD Medical Center. San Diego, CA. June 2000

Treatment of Liver Injuries. Grand Rounds. Kern Medical Center. Bakersfield, CA. June 2000

Transfusion Strategies and Targets in the ICU. Critical Care Summer Session. San Diego, CA. July 2000

Trauma Videotape Conference Review. UCSD Medical Center. San Diego, CA. August 2000

Fluids, Electrolytes and Nutritional Management of the Surgical Patient. Surgery 401 Clerkship, UCSD Medical Center. San Diego, CA. August 2000

OR Resuscitation Review. Trauma Conference. UCSD Medical Center. San Diego, CA. August 2000

Round Table – Trauma & Critical Care. UCSD Medical Center. San Diego, CA. August 2000

Trauma Videotape Conference Review. UCSD Medical Center. San Diego, CA. September 2000

Shock. Resident's Basic Science Conference. UCSD Medical Center. San Diego, CA. September 2000

Round Table – Case Review. UCSD Medical Center. San Diego, CA. October 2000

The Use of Temporary Vascular Shunts in Trauma. Annual Meeting. Pan-American Trauma Society. Panama City, Panama. November, 2000

New Approaches in the Treatment of ARDS. First International Surgical Forum. Brazilian College of Surgeons and Latin American Surgical Federation. Salvador, Brazil. November 2000

Diagnostic modalities in abdominal trauma. . First International Surgical Forum. Brazilian College of Surgeons and Latin American Surgical Federation. Salvador, Brazil. November 2000

Critical Maneuvers in Liver Trauma. Binational Conference for Physicians and Urgent Care Providers. Sponsored by The Border Health Initiative of Project Concern International through the CA Endowment. San Diego, CA. January 2001

Management of Shock. Binational Conference for Physicians and Urgent Care Providers. Sponsored by The Border Health Initiative of Project Concern International through the CA Endowment. San Diego, CA. January 2001

Combined EMS Trauma Conference. UCSD Medical Center. San Diego, CA. March 2001

Hypertonic saline in the treatment of hypotensive shock. Shock Society Twenty-Fourth Annual Conference on Shock. Marco Island, FL. June 2001

Managing Competing Injuries. Critical Care Summer Session. San Diego, CA. June 2001

Nonoperative Management of Liver Injuries. Annual Meeting Brazilian College of Surgeons. Sao Paulo, Brazil. July 2001

Trauma Algorithms and Protocols. Trauma Conference, UCSD Medical Center. San Diego, CA July 2001

Management of Liver Trauma. Trauma Conference, UCSD Medical Center, San Diego, CA. August 2001

Abdominal Aortic and Vena Caval Injuries. Grand Rounds. Department of Surgery, UCSD School of Medicine. San Diego, CA. September 2001

Penetrating Cardiac Trauma. Trauma Conference, UCSD Medical Center, San Diego, CA. September 2001

Pitfalls in Trauma Critical Care. 6th Annual Neuro-Trauma Conference. San Diego, CA. October 2001

Shock: Molecular and Cellular Mechanisms. Resident's Basic Science Conference. UCSD Medical Center. San Diego, CA. October 2001

Critical Decisions in Trauma Care. Symposium on Trauma in the Border Region. Tecate, Mexico. November 2001

Pitfalls in Trauma Critical Care. Kern Medical Center. Bakersfield, CA. December 2001

Lethal Injuries, Competing Injuries. College of Surgeons of Mexicali. Mexicali, Mexico. February 2002

Principles of Management in Abdominal Trauma. Annual San Diego Postgraduate Assembly in Surgery. San Diego, CA. February 2002

Treatment of Liver Injuries. Annual San Diego Postgraduate Assembly in Surgery. San Diego, CA. February 2002

Trauma Service/System. Trauma Conference, UCSD Medical Center, San Diego, CA. February 2002

Esophageal Injuries. 11th Regional and International Surgical Congress. College of Surgeons of Tijuana. Tijuana, Mexico. March 2002

Managing Competing Injuries. Trauma Conference, UCSD Medical Center, San Diego, CA. March 2002

Pitfalls in the Management of Trauma Patients in the ICU. Critical Care Summer Session. San Diego, CA. July 2002

Cardiac Trauma. Trauma Conference, UCSD Medical Center, San Diego, CA. September 2002

Paper Discussant. American Association for the Surgery of Trauma Annual Meeting, Orlando, FL. September 2002

Review of Disaster Drill – EPAC. Trauma Conference, UCSD Medical Center, San Diego, CA. November 2002

Abdominal Venous Injuries: Repair of LiGation? Pan-American Trauma Society Annual Meeting. Sao Paulo, Brazil. November 2002

Non-Operative Management of Abdominal Trauma. Pan-American Trauma Society Annual Meeting. Sao Paulo, Brazil. November 2002

Round Table. Trauma Conference, UCSD Medical Center, San Diego, CA. December 2002

Trauma Routines. Trauma Conference, UCSD Medical Center, San Diego, CA. February 2003

Ischemia-Reperfusion Syndrome. Brazilian Society of Angiology and Vascular Surgery. Sao Paulo Chapter Bi-Annual Meeting. Sao Paulo, Brazil. April 2003

Trauma to the Supra-Aortic Branches. An Endovascular Perspective. Brazilian Society of Angiology and Vascular Surgery. Sao Paulo Chapter Bi-Annual Meeting. Sao Paulo, Brazil. April 2003

Inferior Vena Caval Injuries. Brazilian Society of Angiology and Vascular Surgery. Sao Paulo Chapter Bi-Annual Meeting. Sao Paulo, Brazil. April 2003

Competing Injuries. Trauma Conference, UCSD Medical Center, San Diego, CA. May 2003

What do I do First? What do I do Next? Critical Care Summer Session, San Diego, CA. July 2003

Trauma Policies & Routines. Trauma Conference, UCSD Medical Center, San Diego, CA. July 2003

Panelist. *Multiple Organ Failure Session.* NIH-DoD Combined Meeting of Trauma Research. Washington, DC. July 2003

Penetrating Cardiac Injuries. Trauma Conference, UCSD Medical Center, San Diego, CA. August 2003

Panelist. *Volume Resuscitation/Blood Substitutes.* 6th Annual Navy Trauma Symposium "Military Trauma Care: Lessons from Operation Iraqi Freedom. Naval Medical Center, San Diego, CA, September 2003

Paper Discussant. American Association for the Surgery of Trauma meeting. Minneapolis, MN, September 2003

Trauma Routines Review. Trauma Conference, UCSD Medical Center, San Diego, CA. September 2003

Approach to femoral and popliteal artery injuries. Pan-American Trauma Society Annual Meeting. Lima, Peru. November 2003

Retroperitoneal Hematomas. Pan-American Trauma Society Annual Meeting. Lima, Peru, November 2003

Pulmonary Hilar Injuries. Pan-American Trauma Society Annual Meeting. Lima, Peru, November 2003

Update on Liver Injuries. Trauma Conference, UCSD Medical Center, San Diego, CA. December 2003

Abdominal Venous Injuries. Trauma Conference, UCSD Medical Center, San Diego, CA. December 2003

Abdominal Vascular Injuries. California Trauma Conference. Santa Barbara, CA. January 2004.

Blunt and Penetrating Thoracic Injuries. 27th Annual San Diego Postgraduate Assembly in Surgery. San Diego, CA. February 2004

Downregulation of inflammation in hemorrhagic shock and sepsis: Role of phosphodiesterase inhibition. World Shock Congress. Munich, Germany. March 2004

Hypertonic saline: Potential immunomodulation. World Shock Congress. Munich, Germany. March 2004

Panelist. Innovative Strategies for Fluid Resuscitation. 6th World Congress on Trauma, Shock, Inflammation and Sepsis. Munich, Germany. March 2004

Thoracic Trauma. Trauma Conference, UCSD Medical Center, San Diego, CA. May 2004

Immunomodulatory effects of phosphodiesterase inhibition in hemorrhagic shock and sepsis. Biomedical and Clinical Research Center Seminar – UCSD Medical Center, San Diego, CA. June 2004

Update on the nonoperative management of trauma. UCSD Critical Care Summer Session. San Diego, CA. July 2004

Trauma Protocols/Algorithms. Trauma Conference, UCSD Medical Center, San Diego, CA. July 2004

Approach to Thoracic and Abdominal Vascular Injuries. Breakfast Session Presenter and Chair at the Annual Meeting of the American Association for the Surgery of Trauma. Maui, HI, September 2004.

Non-Operative Management of Solid Organ Injuries. Annual Meeting Parana Chapter Brazilian Trauma Society. Curitiba, PR, Brazil. October 2004

Angiography, Embolization and Endovascular Therapy in Trauma. Annual Meeting Parana Chapter Brazilian Trauma Society. Curitiba, PR, Brazil. October 2004

Lethal Injuries, Competing Injuries. What To Do First What To Do Next. Annual Meeting Parana Chapter Brazilian Trauma Society. Curitiba, PR, Brazil. October 2004

Update on Sepsis Management. Annual Meeting Parana Chapter Brazilian Trauma Society. Curitiba, PR, Brazil. October 2004

JCAHO Updates. UCSD Medical Center, San Diego, CA. October 2004

Alternatives to Fluid Resuscitation in Trauma: From Bench to Bedside. Pan-American Trauma Society Annual Meeting, Miami, FL. November 2004

Use of Endovascular Techniques in Vascular Trauma. Pan-American Trauma Society Annual Meeting, Miami, FL. November 2004

Role of Interventional Radiology in Trauma. Pan-American Trauma Society Annual Meeting, Miami, FL. November 2004

Traumatic Aortic Injury. Trauma Conference, UCSD Medical Center, San Diego, CA. November 2004

Endovascular Therapy in Trauma. Trauma Conference, UCSD Medical Center, San Diego, CA. December 2004

Penetrating Abdominal Trauma. UCSD Department of Surgery Grand Rounds. December 2004

Moderator. *Management of the Septic Patient in the SICU.* 28th Annual San Diego Postgraduate Assembly in Surgery. San Diego, CA. February 2005

Update on Sepsis. 28th Annual San Diego Postgraduate Assembly in Surgery, San Diego, CA. February 2005

What is New in Sepsis? Mercy Hospital, San Diego – Trauma Grand Rounds. February 2005

Research in Shock and Sepsis: A Long but Rewarding Journey of a Trauma Surgeon. Children's Hospital San Diego – Trauma Grand Rounds. February 2005

Managing Competing Injuries – Which Cavity to Open First. 18th Annual Trauma Course, Las Vegas, NV. March 2005

Can We Change Outcome by Following an Atkins-Friendly “immunoenhanced” Diet? 18th Annual Trauma Course, Las Vegas, NV. March 2005

Panelist. Case presentations. 18th Annual Trauma Course, Las Vegas, NV. March 2005

Advances in Imaging – Applications to Trauma Surgery. International Trauma Symposium, Hospital Mario Gatti, State University, Campinas, Brazil. March 2005

Thoracic Vascular Trauma. International Trauma Symposium, Hospital Mario Gatti, State University, Campinas, Brazil. March 2005

Surgical Critical Care – A New Specialty. International Trauma Symposium, Hospital Mario Gatti, State University, Campinas, Brazil. March 2005

The San Diego Trauma System. International Trauma Symposium, Hospital Mario Gatti, State University, Campinas, Brazil. March 2005

Liver Trauma. Trauma Conference, UCSD Medical Center, San Diego, CA, June 2005

Trauma Guidelines. Trauma Conference, UCSD Medical Center, San Diego, CA. July 2005

What is New in Sepsis. 2005 Critical Care Summer Session Conference. San Diego, CA. July 2005

Panel Discussant. *Shock - Case Presentations.* Critical Care Summer Session, San Diego, CA. July 2005

Moderator. *Cytokines/Inflammation.* UCSD General Surgery Basic and Clinical Science Conference, San Diego, CA. September 2005

Trauma Service Rules, Protocols, Guidelines. Trauma Conference, UCSD Medical Center, San Diego, CA. September 2005

Co-Chair with David Feliciano, Lunch Session: *Peripheral Vascular Injuries.* American Association for the Surgery of Trauma, Atlanta, GA. September 2005

Paper discussant. *Conventional Dose Hypertonic Saline Provides Optimal Immunomodulation.* American Association for the Surgery of Trauma, Atlanta, GA. September 2005

Moderator. *Trauma.* UCSD General Surgery Basic and Clinical Science Conference, San Diego, CA. October 2005

Small Volume Resuscitation with Hypertonic Saline Solutions. Session: New Strategies for Resuscitation in Shock. American College of Surgeons Conference, San Francisco, CA. October 2005

Physiologic and Hypertonic Saline. Session: New Strategies for Resuscitation in Shock. American College of Surgeons Clinical Congress, San Francisco, CA. October 2005

Pulmonary Hilar Injuries. Trauma Conference, UCSD Medical Center, San Diego, CA November, 2005

Peritonitis. Annual Meeting Pan American Trauma Society, Quito, Ecuador 2005

Trauma Registry – What it is and Why You Should Have One. Annual Meeting Pan American Trauma Society, Quito, Ecuador 2005

What trauma patients die of? American Medical Response Base Station, San Diego, CA. December 2005

Protocols and Guidelines. Trauma Conference, UCSD Medical Center, San Diego, CA January 2006

How to Expose the Retrohepatic IVC. 2006 California Trauma Conference, San Diego, CA. January 2006

Nutrition. Surgery 401 Clerkship, UCSD Medical Center, San Diego, CA. January 2006

Abdominal Compartment Syndrome. Annual San Diego Postgraduate Assembly in Surgery, San Diego, CA. February 2006

Posttraumatic Coagulopathy in the ICU. 19th Annual Trauma Course, Las Vegas, NV. March 2006

ICU Technology: What Works? What Doesn't? 19th Annual Trauma Course, Las Vegas, NV. March 2006

Recognizing/Accepting Futility-Prehospital, EC, OR, ICU. 19th Annual Trauma Course, Las Vegas, NV. March 2006

Surgical Priorities in Torso Trauma. Trauma Conference, UCSD Medical Center, San Diego, CA April 2006

The Competition Between Lung NF-kB and CREB for the Co-Activator CPB is Affected by the Resuscitation Strategy in Hemorrhagic Shock. FASEB Meeting, San Francisco, CA. April 2006

Abdominal Vascular Injuries. International Trauma Symposium, Hospital Mario Gatti, State University, Campinas, Brazil, May 2006

Advances in Trauma Care. International Trauma Symposium, Hospital Mario Gatti, State University, Campinas, Brazil, May 2006

The National Trauma Data Bank. . International Trauma Symposium, Hospital Mario Gatti, State University, Campinas, Brazil, May 2006

Update on Sepsis. . International Trauma Symposium, Hospital Mario Gatti, State University, Campinas, Brazil, May 2006

San Diego Trauma System. International Trauma Symposium, Sao Paulo Medical Association, Sao Paulo, Brazil, May 2006

Trauma Aortic Injury. International Trauma Symposium, Hospital Mario Gatti, State University, Campinas, Brazil, May 2006

Advances in Trauma Radiology. International Trauma Symposium, Hospital Mario Gatti, State University, Campinas, Brazil, May 2006

Abdominal Compartment Syndrome. Grand Rounds. Kern Medical Center, Bakersfield, CA. June 2006

Damage Control Surgery. State University of Para Surgical Symposium, Belem, Brazil, June 2006

New Strategies in Fluid Resuscitation. State University of Para Surgical Symposium, Belem, Brazil, June 2006

Advances in Trauma Radiology. State University of Para Surgical Symposium, Belem, Brazil, June 2006

Lethal Injuries: What Do Trauma Patients Die of? State University of Para Surgical Symposium, Belem, Brazil, June 2006

Liver Injuries. Trauma Conference, UCSD Medical Center, San Diego, CA June 2006

Nutrition. Surgery 401 Clerkship, UCSD Medical Center, San Diego, CA. July 2006

Trauma. Surgery 401 Clerkship, UCSD Medical Center, San Diego, CA. July 2006

Shock. Surgery 401 Clerkship, UCSD Medical Center, San Diego, CA. July 2006

Review of Trauma Algorithms. Trauma Conference, UCSD Medical Center, San Diego, CA July 2006

Penetrating Cardiac Injuries. Trauma Conference, UCSD Medical Center, San Diego, CA. August 2006.

Co-Chair with David Feliciano, Lunch Session: *Management of Complex Liver Injuries.* American Association for the Surgery of Trauma, New Orleans, LA. September 2006

Alternatives to Conventional Fluid Resuscitation. Emergency Medicine Grand Rounds, UCSD Medical Center, San Diego, CA. September 2006

Case Reviews. Trauma Conference, UCSD Medical Center, San Diego, CA September 2006.

Liver Trauma. UCSD Department of Surgery Grand Rounds, September 2006.

Trauma. Surgery 401 Clerkship, UCSD Medical Center, San Diego, CA. October 2006

Nutrition. Surgery 401 Clerkship, UCSD Medical Center, San Diego, CA. October 2006

Discussant: *Heme Oxygenase-1 (HO-1) Carbon Monoxide (CO) Inhibit Apoptotic Signaling Via a NF- κ B Dependent Pathway*. Critical Care I, Surgical Forum, American College of Surgeons Clinical Congress, Chicago, IL. October 2006.

Moderator: *Critical Care I*, Surgical Forum, American College of Surgeons Clinical Congress, Chicago, IL, October 2006.

Abdominal Compartment Syndrome. Annual Meeting, Brazilian Trauma Society, Salvador, Brazil, November 2006.

Extra-Abdominal Damage Control. Annual Meeting, Brazilian Trauma Society, Salvador, Brazil, November 2006.

What is New in Fluid Resuscitation? Annual Meeting, Brazilian Trauma Society, Salvador, Brazil, November 2006.

What is new in Trauma Radiology? Annual Meeting, Brazilian Trauma Society, Salvador, Brazil, November 2006.

Lethal Injuries. Annual Meeting, Brazilian Trauma Society, Salvador, Brazil, November 2006.

Current Management of Hepatic Aortic Injuries. Annual Meeting, Brazilian Trauma Society, Salvador, Brazil, November 2006.

High Tech: What's Hot and What's Not. 3rd Annual Day of Trauma, San Diego, CA. November 2006

Avoiding Blood Transfusions: Why and How? 3rd Annual Day of Trauma, San Diego, CA. November 2006

Posttraumatic Coagulopathy. XIX Pan-American Congress, Cartagena, Colombia. November 2006.

What Cavity Should be Opened First? XIX Pan-American Congress, Cartagena, Colombia. November 2006.

Blood Transfusion Strategies and Goals. XIX Pan-American Congress, Cartagena, Colombia. November 2006.

Retroperitoneal Hematoma. UCSD Department of Surgery Grand Rounds, November 2006.

Current Management of Blunt thoracic Aorta Injury. Grand Rounds. Kern Medical Center, Bakersfield, CA. December 2006

New Strategies in Fluid Resuscitation. Trauma Conference, UCSD Medical Center, San Diego, CA December 2006

Trauma, American Medical Response, San Diego, CA December 2006

Clinical Protocols in Trauma. Trauma Conference, UCSD Medical Center, San Diego, CA, January 2007

Fluids and Electrolytes, Surgery 401 Clerkship, UCSD Medical Center, San Diego, CA. January 2007

Nutrition. Surgery 401 Clerkship, UCSD Medical Center, San Diego, CA. January 2007

Surgical Bleeding and Blood Replacement. Surgery 401 Clerkship, UCSD Medical Center, San Diego, CA. January 2007

Trauma. Surgery 401 Clerkship, UCSD Medical Center, San Diego, CA. February 2007

Approach to Major Abdominal Vascular Injuries. Northern Regional Physicians Conference of Mexico, Tijuana, B.C., Mexico, March 2007

Protective Effects of Phosphodiesterase Inhibition in Sepsis. 7th World Congress on Trauma, Shock, Inflammation, and Sepsis, Munich, Germany. March 2007

Management of Pelvic Fractures with a Focus on Hemorrhage Control. A Trauma Surgeon's Perspective. Sao Paulo Vascular Society Annual Meeting, Sao Paulo, Brazil. March 2007

Abdominal Venous Injuries Repair or LiGation. Sao Paulo Vascular Society Annual Meeting, Sao Paulo, Brazil. March 2007

Protective Effect of Phosphodiesterase Inhibitors in Sepsis. 7th World Congress Trauma, Shock, Inflammation, and Sepsis (TSIS2007) Interdisciplinary Summit on Inflammation, Munich, Germany, March 2007

Solid Organ Injury – Elderly Patient on Plavix. Trauma Critical Care & Acute Care Surgery 2007, Las Vegas, NV March 2007

Ventilator Barotrauma – Silent Enemy, Trauma Critical Care & Acute Care Surgery 2007, Las Vegas, NV March 2007

Moderator, The Devil's in the Details. Trauma Critical Care & Acute Care Surgery 2007, Las Vegas, NV March 2007

Discussant: Oxidant-Induced TLR4 Translocation to the Cell Surface in Murine Macrophages May Involve Sphingolipid Metabolism Through the Acid Sphingomyelinase Pathway. Surgical Infection Society 27th Annual Meeting, Toronto, Canada April 2007

Surgical Approach to Abdominal Vascular Injuries. UCSD Department of Surgery Grand Rounds, April 2007.

Extra Abdominal Damage Control. Trauma Conference, UCSD Medical Center, San Diego, CA May 2007

Control of Pelvic Bleeding in Pelvic Fractures. Grand Rounds. Kern Medical Center, Bakersfield, CA. June 2007

What is New in Management of Sepsis. Critical Care Summer Session, San Diego, CA July 2007

Moderator: Trauma Case Discussions. Critical Care Summer Session, San Diego, CA July 2007

Management of Severe Traumatic Brain Injury. Brazilian College of Surgeons Congress, Belo Horizonte, Brazil, July 2007

Permissive Hypotension. Brazilian College of Surgeons Congress, Belo Horizonte, Brazil, July 2007

Novel Resuscitation Cocktails. Brazilian College of Surgeons Congress, Belo Horizonte, Brazil, July 2007

What is New in Sepsis. Brazilian College of Surgeons Congress, Belo Horizonte, Brazil, July 2007

Multiple Injuries: Which Cavity to Open First? Brazilian College of Surgeons Congress, Belo Horizonte, Brazil, July 2007

Paper Discussant: Use of 23.4% Hypertonic Saline for the Management of Elevated Intracranial Pressure Following Severe Traumatic Brain Injury: A Pilot Study. American Association for the Surgery of Trauma, Las Vegas, NV September 2007

Paper Discussant: Human Vasoactive Hormone Adrenomedullin (AM) and Human AM Binding Protein (AMBP-1) Rescue Experimental Animals from Hemorrhagic Shock. Critical Care I Session, Forum on Surgical Problems. American College of Surgeons Clinical Congress, October 2007

Paper Discussant: Right Ventricular Function is Preserved During Endotoxemia Despite Concomitant left Ventricular Failure. Critical Care II Session, Forum on Surgical Problems. American College of Surgeons Clinical Congress, October 2007

Trauma Epidemiology. Preventive Medicine Seminar, UC San Diego, La Jolla, California, October 2007

Guidelines for the Use of Blood & Blood Products in the Management of Major Trauma Patients. 15th Annual Trauma and Critical Care Symposium, November 2007

Blunt Thoracic Aortic Injuries. Grand Rounds. Kern Medical Center, Bakersfield, CA.
December 2007

Liquidos en Trauma: Soluciones Hipertonicaas. Pan-American Congress, Puebla, Mexico,
December 2007

Prehospital Trauma Care: Field Resuscitation. Kuwait Assembly in Surgery Postgraduate
Course, Kuwait, December 2007

Management of Liver Injuries. 31st Annual Assembly in Surgery Postgraduate Course, San
Diego, CA, March 2008

Moderator, *Trauma*, 31st Annual Assembly in Surgery Postgraduate Course, San Diego, CA,
March 2008

Damage Control Surgery: The New Paradigm. Caxias Do Sul University, Caxias, Brazil, March
2008

Non-operative Management of Solid Organ Injury. Caxias Do Sul University, Caxias, Brazil,
March 2008

Trauma: The Neglected Disease. Caxias Do Sul University, Caxias, Brazil, March 2008

Trauma Systems Development: The San Diego Experience. Caxias Do Sul University, Caxias,
Brazil, March 2008

The San Diego Trauma System. Caxias Do Sul University, Caxias, Brazil, March 2008

Volume Resuscitation in Trauma: What is New? International Course on Trauma and
Emergency Surgery, Hospital Mario Gatti and State University of Campinas, Brazil, May 2008

Why Trauma Systems Work, The San Diego Experience. Panel Presentation. International
Course on Trauma and Emergency Surgery, Hospital Mario Gatti and State University of
Campinas, Brazil, May 2008

Blunt Abdominal Trauma: Diagnosis and Non-Operative Management? Vale do Paraiba
Trauma Congress, Sao Jose dos Campos, Brazil, May 2008

Abdominal Compartment Syndrome: How to Diagnose and Prevent It. Vale do Paraiba Trauma
Congress, Sao Jose dos Campos, Brazil, May 2008

Complex Liver Trauma. Panel Presentation, Vale do Paraiba Trauma Congress, Sao Jose dos
Campos, Brazil, May 2008

New Guidelines for the Use of Blood in Trauma. III International Trauma Surgery Symposium,
Sao Paulo Medical Association, Sao Paulo, Brazil, May 2008

Damage Control: Chest and Extremity. III International Trauma Surgery Symposium, Sao Paulo Medical Association, Sao Paulo, Brazil, May 2008

New Advances in Fluid Resuscitation: From Bench to Bedside. Colombian National Conference, Bogota, Colombia, June 2008

Hemorrhage Control in Pelvic Fractures: The Trauma Surgeon's Point of View. Colombian National Conference, Bogota, Colombia, June 2008

The San Diego Trauma System. Colombian National Conference, Bogota, Colombia, June 2008

Clinical Case: Damage Control. Colombian National Conference, Bogota, Colombia, June 2008

Trauma: The Neglected Epidemic. A Faculty Ambassador Event, UCSD Medical Center, San Diego, CA, June 2008

Immune Effects of Resuscitation Fluids. UCSD Department of Surgery Grand Rounds, July 2008

The Science of Trauma: A Disease of Epic Proportion. 5th Annual Jack F. Ealy Workshop on Science Journalism, La Jolla, CA, July 2008.

Injury and Intestinal Barrier Dysfunction: Past, Present, and Future. University of British Columbia, Grand Rounds, Vancouver, BC, Canada, October 2008.

Use of Blood Products in the Management of Major Trauma Patients. University of British Columbia, Grand Rounds, Vancouver, BC, Canada, October 2008.

Posttraumatic Acute Lung Injury: Modulation by Novel Fluid Resuscitation Strategies. International Symposium of Respiratory Diseases, Shanghai, China. November 2008

Updates in Blood Transfusions in Trauma Patients. Mexican Red Cross 2nd Trauma Conference, Tijuana, Mexico, January 2009.

Injury & Intestinal Barrier Dysfunction: Past, Present, & Future. Cedars-Sinai Medical Center, Grand Rounds, Los Angeles, CA, February 2009.

Persistent Lower GI Bleeding. Trauma, Critical Care, & Acute Care Surgery 2009, Las Vegas, NV, April 2009.

Filter Fever – Has It Broken Yet? Trauma, Critical Care, & Acute Care Surgery 2009, Las Vegas, NV, April 2009.

Moderator, *Capsule Commentaries: Because You Need to Know*. Trauma, Critical Care, & Acute Care Surgery 2009, Las Vegas, NV, April 2009.

Panelist, *Case Management – Urban Perspective*. Trauma, Critical Care, & Acute Care Surgery 2009, Las Vegas, NV, April 2009.

Published Work

1. Szutan LA, Tarcha WG, D'Andretta Neto C, Corsi PR, **Coimbra RSM**, Aguida ST, Viana AT: Viabilidade de Alcas Intestinais Avaliada pelo Doppler-ultra-som. *Rev Bras Cir*, 1986; 76(6):339-341. **RESEARCH ARTICLE**
2. Silva RA, Aguida ST, **Coimbra RSM**, Pacheco Jr AM, Goncalves AJ, Rasslan S, Fava J: Cistoadenoma de pancreas: Apresentacao de dois casos. *Arq Med Hosp Fac Cien Med Santa Casa De Sao Paulo*, 1987; 7(29):50-52. **RESEARCH ARTICLE**
3. **Coimbra RSM**, Aguida ST, Fuller CR, Cohen RV, Solda SC, Rasslan S, Fava J: Abdome agudo no idoso. *Arq Med Hosp Fac Cien Med Santa Casa de Sao Paulo*, 1988; 8(30):8-11. **RESEARCH ARTICLE**
4. **Coimbra R**, Sannomyia P, Rasslan S, Garcia-Leme J: Ressecao hepatica experimental: reacao inflamatoria e glicocorticoides endogenos. *Acta Cir Brasil*, 1991; (6): 82. **ABSTRACT**
5. **Coimbra R**, Sannomiya P, Rasslan S, Garcia-Leme J: Partial liver resection and inflammation: Role of endogenous glucocorticoids. *Inflammopharmacology*, 1992; 1:213-222. **RESEARCH ARTICLE**
6. **Coimbra RSM**, Saad Jr. R: Trauma dos grandes vasos toracicos. In: *Trauma de Torax*, Sao Paulo, Saad R., (Ed.), Robe Editora, Vol 3, Capitulo 8, pp. 119-141, 1992 **BOOK CHAPTER**
7. **Coimbra RSM**, Aguida HAC, Soler W, Romani DJC, Caffaro RA, Rasslan S: Ferimentos penetrantes da aorta abdominal. *Rev Col Bras Cir*, 20(3):128-132, 1993 **RESEARCH ARTICLE**
8. **Coimbra R**, Santos PEL, Caffaro RA, Rasslan S, **RESEARCH**

- Rahal F: Traumatismo de veia cava inferior: Analise de 36 casos. *Rev Ass Med Brasil* 39(4):229-233 1993 **ARTICLE**
9. **Coimbra RS**, Pinto MCC: Complicacoes precoces de cateterizacao venosa central por puncao. *Ciencias Medicas*, 1(1):25-30, 1993 **RESEARCH ARTICLE**
10. **Coimbra RSM**, Rasslan S: Avaliacao da resposta inflamatoria aguda apos resseccoes hepaticas extensas. Estudo experimental no rato. *Acta Cir Brasil*, 8(2): 90-91, 1993 **ABSTRACT**
11. Castelli VJ, Darghan I, **Coimbra RSM**, Prado PA, Caffaro RA, Rasslan S: Lesao de arteria subclavia em trauma toracico fechado. *Cir Vasc Angiol*, 9:27, 1993 **ABSTRACT**
12. **Coimbra RSM**, Caffaro RA, Prado PA, Araujo LHB, Candelaria P, Rasslan S: Analise da mortalidade nas lesoes de veia cava inferior. *Cir Vasc Angiol*, 9(3):28, 1993 **ABSTRACT**
13. **Coimbra RSM**, Caran HA, Fonseca CF, Castelli VJ, Caffaro RA, Rasslan S: Analise da mortalidade nos ferimentos penetrantes da aorta abdominal. *Cir Vas Angiol*, 9(3):28, 1993 **ABSTRACT**
14. Karakhanian WK, Martins KF, **Coimbra RSM**, Fonseca CF, Castelli VJ, Bittencourt MV, Caffaro RA: Insuficiencia arterial aguda de mmii provocada pelos derivados de ergotamina. *Cir Vasc Angiol*, 9(3):59, 1993 **ABSTRACT**
15. Prado PA, **Coimbra RSM**, Felizzola LR, Rasslan S, Karakhanian WK, Caffaro RA: Analise de mortalidade nas lesoes vasculares abdominais. *Cir Vasc Angiol*, Capitulo 47, 9(3):23, 1993 **ABSTRACT**
16. Rasslan S, **Coimbra RSM**: Hematoma Retroperitoneal. In: *Abdomen Agudo*, 2nd Edition Savassi Rocha, PR; Andrade JI; Souza C, (Eds.) Sao Paulo, MEDSI, Capitulo 47, pp. 595-603, 1993 **BOOK CHAPTER**
17. Rasslan S, **Coimbra R**: Nutricao Trauma. In: *Nutricao Enteral e Parenteral na Practica Clinica* Waitzberg D (Ed.). Sao Paulo, Athenueu Ed, 2nd Ed., Capitulo 39, pp. 335-341, 1994 **BOOK CHAPTER**

18. **Coimbra R**, Prado PA, Araujo LHB, Candelaria PAP, Caffaro RA, Rasslan S: Factors related to mortality in inferior vena cava injuries: A 5 year experience. *Int Surg*, 79:138-141, 1994 **RESEARCH ARTICLE**
19. Rasslan S, **Coimbra RSM**, Vieira M: Analise da mortalidade em doentes traumatizados aerotransportados. *Rev Col Bras Cir*, 21(3):112-116, 1994 **RESEARCH ARTICLE**
20. **Coimbra R**, Bevilacqua RG, Rasslan S: Ferimentos hepaticos penetrantes: estudo dos fatores relacionados a morbidade e mortalidade operatorias. *Rev Col Bras Cir*. 21(4):191-197, 1994 **RESEARCH ARTICLE**
21. Pacheco Jr AM, **Coimbra RSM**, Kreimeir U, Brueckner U, Frey L, Niemczyk S, Messmer K: Hypertonic vs. isotonic saline solution for primary resuscitation from severe hypovolemia. Effect on hemodynamics and extravascular lung water. *Acta Cir Brasil* 9(2):72-80, 1994 **RESEARCH ARTICLE**
22. **Coimbra R**, Aguiar JR, Rasslan S, Ressurreicao SP: Colonic (splenic flexure) necrosis due to thrombosis of the middle colic artery following blunt abdominal trauma. Case report. *Rev Paul Med, Sao Paulo Medical Journal*, 112(3):622-623, 1994 **RESEARCH ARTICLE**
23. Favero SSG, Corsi PR, **Coimbra RSM**, Rasslan S: Treatment of transfixing hepatic lesions with a hydrostatic balloon. *Rev Paul Med. Sao Paulo Medical Journal* 112(4):629-634, 1994 **RESEARCH ARTICLE**
24. **Coimbra R**, Bevilacqua RG, Rasslan S: Factors related to morbidity and mortality in penetrating hepatic injuries: A multivariate analysis. *Panam J Trauma* 4:12-18, 1994 **RESEARCH ARTICLE**
25. **Coimbra R**, Pinto MCC, Razuk A, Aguiar JR, Rasslan S: Penetrating cardiac wounds: Predictive value of trauma indices and the necessity of terminology standardization. *Am Surg* 61:448-452, 1995 **RESEARCH ARTICLE**
26. **Coimbra R**, Pinto MCC, Aguiar JR, Rasslan S: Factors related to the occurrence of postoperative complications following penetrating gastric injuries. *Injury* 26(7):463-466, 1995 **RESEARCH ARTICLE**

27. Bittencourt MVC, Filho AR, **Coimbra RSM**, Rasslan S: Ferimentos penetrantes da regio posterior do abdome. *Rev Col Bras Cir*, 22(5):271-274, 1995 **RESEARCH ARTICLE**
28. **Coimbra RSM**, Caran H-A, Ueda R, Rasslan S: Traumatismo geriatrico: Indices de trauma e fatores prognosticos. *Rev Col Bras Cir*, 22(5):253-257, 1995 **RESEARCH ARTICLE**
29. **Coimbra RSM**, Pinto MCC, Neto JRA, Saad Jr R, Rasslan S: Ferimentos gastricos penetrantes: Importancia da contaminacao da cavidade peritoneal e da lesao diafragmatica como fatores de risco de para complicacoes pos-operatorias. *Rev Col Bras Cir*, 22(4):183-188, 1995 **RESEARCH ARTICLE**
30. **Coimbra R**, Junger WG, Hoyt DB, Liu FC, Loomis WH, Evers MF: Solucao saline hipertonica reverte imunodepressao apos choque hemorragico atraves da diminuicao de citocinas anti-inflamatorias e prostaglandina E₂ e por aumento de citocinas pro-inflamatorias. *Rev Col Bras Cir*, 22 (1):68-69, 1995 **RESEARCH ARTICLE**
31. **Coimbra R**, Junger WG, Liu FC, Loomis WH, Hoyt DB: Hypertonic/hyperoncotic fluids reverse prostaglandin E₂ (PGE₂)-induced t-cell suppression. *Shock* 4(1):45-49, 1995 **RESEARCH ARTICLE**
32. Pacheco Jr. AM, **Coimbra RSM**, Kreimeir U, Frey L, Messmer K: Hypertonic volume therapy: feasibility in the prevention and treatment of multiple organ failure and sepsis. *Rev Paul Med. Sao Paulo Medical Journal*, 113(6):1053-1060, 1995 **RESEARCH ARTICLE**
33. **Coimbra R**, Aguiar JR, Rasslan S, Ressureicao SP, Candelaria P: Colonic (splenic flexure) necrosis due to thrombosis of the middle colic artery following blunt abdominal trauma. Case Report. *Panam J Trauma* 5:66-68, 1995 **RESEARCH ARTICLE**
34. **Coimbra R**, Junger W, Hoyt D, Liu F, Loomis W: Hypertonic saline augments T-cell IL-2 and IL-6 production. Supplement to *Shock* 3:36, 1995 **ABSTRACT**

35. **Coimbra R**, Davis RE, Pacheco Jr. AM: The crystalloid vs. colloid controversy in the era of hypertonic/hyperoncotic resuscitation. Is the debate over? *Acta Cir Brasil* 10(4):188-195, 1995 **RESEARCH ARTICLE**
36. **Coimbra R**, Junger WG, Hoyt DB, Liu FC, Loomis WH, Evers MF, Davis RE: Immunosuppression following hemorrhage is reduced by hypertonic saline resuscitation. *Surg Forum*, 46:84-87, 1995 **RESEARCH ARTICLE**
37. **Coimbra R**, Hoyt DB, Simons RK, Winchell R, Fortlage DA: Inferior vena cava injuries: Analysis of mechanisms, management and mortality. *Panam J Trauma* 5(11):115, 1995 **ABSTRACT**
38. Pinto MCC, Pinto LECC, Tomasich FS, **Coimbra RSM**, Rasslan S: Valor do atendimento pre-hospitalar em pacientes operados por trauma fechado. *Panam J Trauma* 5:78, 1995 **ABSTRACT**
39. Martins KF, Saad R, **Coimbra R**, Silveira DR, Fonseca CF, Castelli V, Karakhanian W, Caffaro RA: Embolia arterial de mmii. estudo dos fatores relacionados a morbidade e mortalidade operatorias. *Cir Vasc Angiol*, 11(3):69, 1995 **ABSTRACT**
40. Osse FJ, Ribeiro JAJ, Fonseca CF, **Coimbra R**, Martins KF, Karakhanian W, Castelli V, Caffero RA: Fatores de risco pre e intra-operatorios associados a ventilacao mecanica prolongada na cirurgia eletiva de aneurisma de aorta abdominal. *Cir Vasc Angiol*, 11(3):18, 1995 **ABSTRACT**
41. **Coimbra R**, Hoyt DB, Winchell RJ, Simons RK, Fortlage DA: Analise dos mecanismos de trauma, tratamento e moprtalidade em lesoes hepaticas graves. Experiencia de 10 anos de um centro de trauma nivel 1. *Rev Col Bras Cir* 22 (Sup. 2) 146, 1995 **ABSTRACT**
42. Pinto MCC, Pinto LECC, Tomasich FS, **Coimbra RSM**: Valor do atendimento pre-hospitalar em pacientes operados por trauma fechado. *Rev Col Bras Cir* 22 (Sup. 2) 138, 1995 **ABSTRACT**
43. **Coimbra R**, Razuk A, Pinto MCC, Aguida HC, Saad Jr. R, Rasslan S: Severely injured patients in **RESEARCH ARTICLE**

- the intensive care unit: A critical analysis of outcome and unexpected deaths identified by the TRISS methodology. *Int Surg* 81(1):102-106, 1996
44. Junger WG, Hoyt DB, Liu FC, Loomis WH, **Coimbra R**: Immunosuppression after endotoxin shock: The result of multiple anti-inflammatory factors. *J Trauma* 40(5): 702-709, 1996 **RESEARCH ARTICLE**
45. **Coimbra R**, Junger WG, Hoyt DB, Liu FC, Loomis WH, Evers MF: Hypertonic saline resuscitation restores hemorrhage-induced immunosuppression by decreasing prostaglandin E₂ and interleukin-4 production. *J Surg Res* 64:203-209, 1996 **RESEARCH ARTICLE**
46. **Coimbra R**, Yang J, Hoyt DB: Injuries of the abdominal aorta and inferior vena cava injuries in association with thoracolumbar fractures: A lethal combination. *J Trauma* 41(3):533-535, 1996 **RESEARCH ARTICLE**
47. **Coimbra R**, Hoyt DB, Junger WG, Angle N, Wolf P, Loomis W, Evers MF: Hypertonic saline resuscitation decreases susceptibility to sepsis following hemorrhagic shock. *J Trauma* 41(1):196, 1996 **ABSTRACT**
48. **Coimbra R**, Hoyt D, Winchell R, Simons R, Fortlage D, Garcia J: The ongoing challenge of retroperitoneal vascular injuries. *Am J Surg* 172:541-545, 1996 **RESEARCH ARTICLE**
49. Pinto MCC, **Coimbra RSM**, Tomasich FS, Pinto LECC, Rasslan S: Analise do papel do atendimento pre-hospitalar na mortalidade de doentes operados, vitimas de traumatismos contusos. *Rev Col Bras Cir* 23(4):181-185, 1996 **RESEARCH ARTICLE**
50. Angle N, **Coimbra R**, Hoyt DB, Simons RK, Junger WG, Wolf P, Loomis W, Evers M: Hypertonic saline resuscitation prevents lung injury following hemorrhagic shock. *Surg Forum* 47:43-45, 1996 **RESEARCH ARTICLE**
51. Junger WG, **Coimbra R**, Hoyt DB, Liu FC, Loomis WH, Junger W, Altman A: Hypertonic saline activates t-cells and reverse post-traumatic immunosuppression. *Int J Microcirc* 16(1):26, 1996 **ABSTRACT**

52. Oliveira AD, Silva LE, Silva ATC, Haddad MA, Cunha AP, Varela C, Geroldo S, DiGiunta G, **Coimbra R**, Rasslan S: Abnormalities in ionic calcium in trauma patients. Correlation with mortality and morbidity. Supplement to *Shock* 6(sup.): 22-23, 1996 **ABSTRACT**
53. Parreira JG, Silva LE, Oliveira AD, Ruiz DE, Fioraneli AA, Nagasako SS, **Coimbra R**, Rasslan S: Prognostic factors of patients with pelvic fracture and shock. Supplement to *Shock* 6:24, 1996 **ABSTRACT**
54. Silva LE, Silva ATC, Burati DO, Toyota R, Varela C, del Triore R, Geroldo S, DiGiunta G, **Coimbra R**, Rasslan S: Are the venous lactate and base excess levels predictive factors to morbidity and mortality in trauma patients? Supplement to *Shock* 6:25, 1996 **ABSTRACT**
55. Silva LE, **Coimbra RSM**, Rasslan S: Reposicao com sangue e hemoderivados. *Clin Bras Med Intens* 3:203-224, 1996 **RESEARCH ARTICLE**
56. Casaroli AA, Silva LE, **Coimbra RSM**, Rasslan S: Controle e tratamento cirurgico do choque. *Clin Bras Med Intens* 3:225-233, 1996 **RESEARCH ARTICLE**
57. Liu FC, Hoyt DB, **Coimbra**, Junger WG: Proliferation assays with human, rabbit, rat and mouse lymphocytes. *In Vitro Cell Dev Biol* 32:520-523, 1996 **LETTER**
1. Martins KF, **Coimbra RSM**, Saad Jr R, Caffaro RA, Saad Jr R: Embolia arterial de membros inferiores: Estudo dos fatores relacionados a morbidade e a mortalidade operatorias. *Rev Bras Angiol Cir Vasc* 12:153-159, 1996 **RESEARCH ARTICLE**
59. Holguin F, **Coimbra R**, Champion HR: Indices de severidad. In: *Trauma (Pan-American Trauma Society Book)* Rodriguez A, Ferrada R, (Eds.) p.33-42, 1997 **BOOK CHAPTER**
60. Junger WG, **Coimbra R**, Liu FC, Herdon-Remelius C, Junger W, Junger H, Loomis W, Hoyt D, Altman A: Hypertonic saline resuscitation: A tool to modulate immune function in trauma patients? *Shock* 8(4):235-241 1997 **RESEARCH ARTICLE**
61. Silva LE, **Coimbra R**, Ribeiro JA, DiGiunta G, Rasslan S: Fatores prognosticos nas lesoes traumaticas do pediculo hepatico. *Rev Col Bras Cir* 24(3):133-137, 1997 **RESEARCH ARTICLE**

62. Filho RA, **Coimbra RSM**, Fonseca CF, Silveira DR, Castelli Jr. V, Karakhanian WK, Caffaro RA: Aneurisma de arteria poplitea: Analise dos fatores de risco relacionados a evolucao pos-operatoria. *Rev Col Bras Cir* 24(5):347-351, 1997 **RESEARCH ARTICLE**
63. **Coimbra RSM**, Angle N, Silva LE, Hoyt DB, Rasslan S: Indices de Trauma: O que sao e por que devem ser usados. *Rev Col Bras Cir* 24:255-263, 1997 **RESEARCH ARTICLE**
64. **Coimbra R**, Hoyt DB, Junger WG, Angle N, Wolf P, Loomis W, Evers MF: Hypertonic saline resuscitation decreases susceptibility to sepsis after hemorrhagic shock. *J Trauma* 42(4):602-607, 1997 **RESEARCH ARTICLE**
65. Vieira M, Pires S, **Coimbra R**, Rasslan S: Ferimentos associados de reto e bexiga: Analise dos fatores de risco para complicacoes pos-operatorias. *Rev Col Bras Cir* 24(6):383-386, 1997 **RESEARCH ARTICLE**
66. Bruscagin V, David AI, **Coimbra RSM**, Rasslan S: Laparotomia abreviada: um novo conceito na cirurgia do trauma. *Rev Col Bras Cir* 24 (26):431-438, 1997 **RESEARCH ARTICLE**
67. Parriera JG, **Coimbra R**, Bruscagin V, Rasslan S: Fraturas de bacia com instabilidade hemodinamica-analise dos fatores prognosticos. *Rev Col Bras Cir* 24:332, 1997 **RESEARCH ARTICLE**
68. Lemos AL, **Coimbra R**, Razuk A, Rasslan S: Analise dos fatores de risco para mortalidade nas lesoes da veia porta e veia mesenterica superior. *Rev Col Bras Cir* 24:294, 1997 **ABSTRACT**
69. Aguida HC, Polato AP, Bueno B, **Coimbra R**, Rasslan S: Ferimentos penetrantes do colon: analise dos fatores de risco para morbi-mortalidade. *Rev Col Bras Cir* 24:290, 1997 **ABSTRACT**
70. Silva LE, **Coimbra R**, Oliveira AD, Rasslan S: Nivel serico de calcio ionizado como preditor de evolucao no traumatizado. *Rev Col Bras Cir* 24:277, 1997 **ABSTRACT**
71. Parriera JG, **Coimbra R**, Silva LE, Ruiz D, Oliveira AD, Fregonesi M, Mercadante M, Rasslan S: A critical analysis **RESEARCH ARTICLE**

- of prognostic factors in patients sustaining pelvic fractures admitted in shock. *Panam J Trauma* 7:27-33, 1998
72. Da Silva LE, Silva ATC, Burati DO, Toyota R, Antonini CV, Del Priori R, Geroldo S, Di Giunta G, **Coimbra R**, Rasslan S: Are the venous lactate and base deficit levels predictive factors to morbidity and mortality in trauma patients? *Panam J Trauma* 7:23-26, 1998 **RESEARCH ARTICLE**
73. Giannini JA, Rasslan S, da Silva LE, **Coimbra R** Junior RS: Ferimentos penetrantes toraco-abdominias e de torax e abdome: Analise comparativada morbidade e mortalidade pos-operatorias. *Rev do Col Bras Cir* 25 (5):297-303, 1998 **RESEARCH ARTICLE**
74. **Coimbra R**, Razuk A, Yada M, Rocha-e-Silva M: Resuscitation with pentoxifylline on hemodynamics, pulmonary vascular resistance and mesenteric blood flow after shock. Does it make a difference? Supplement to *Shock* 9:48, 1998 **ABSTRACT**
75. Parreira JG, Oliveira AD, **Coimbra R**, Mercadante M, Fregoneze M, Rasslan S: Pelvic fractures and shock: Analysis of factors related to clinical outcome. Supplement to *Shock* 9:51, 1998 **ABSTRACT**
76. **Coimbra R**, Bruscajin V, Rasslan S: Tramatismos: Novos conceitos. *Arq Med Hosp Fac Cien Med Santa Casa de Sao Paulo* 17:7, 1998 **EDITORIAL**
77. Angle N, Hoyt DB, **Coimbra R**, Liu F, Herdon-Remelius C, Loomis W, Junger WG: Hypertonic saline resuscitation diminishes lung injury by suppressing neutrophil activation after hemorrhagic shock. *Shock* 9(3):164-170, 1998 **RESEARCH ARTICLE**
78. **Coimbra R**, Solda S, Casaroli A, Rasslan S: Emergencias traumaticas e nao traumaticas. *Manual do Residente e do Estudante*. Sao Paulo: Editora Athenue, 1998 **BOOK**
79. Bruscajin VS, **Coimbra R**, Rasslan S: Sindrome compartimental do abdome: Fisiopatologia, diagnostico e tratamento. Revisao bibliografica. *Arq Med Hosp Fac Cien Med Santa Casa de Sao Paulo*. 17(65):9-13, 1998 **RESEARCH ARTICLE**
80. Razuk AF, Nunes H, **Coimbra R**, Costa C, Ruiz D, Caffaro RA, Rasslan S: Popliteal artery injuries: Risk **RESEARCH ARTICLE**

- factors for limb loss. *Panam J Trauma* 7(2):93-97, 1998
81. Poli de Figueiredo LF, **Coimbra RS**, Rocha e Silva M: O emprego de solucoes hipertonicas nos estados de choque: Aspectos atuais. *Rev Soc Cardiol Estado de Sao Paulo* 8(3):547-558, 1998 **RESEARCH ARTICLE**
82. Yada-Langui MM, **Coimbra R**, Lancellotti CLP, Mimica I, Garcia C, Correia Jr. N, Rocha e Silva M: Hypertonic saline and pentoxifylline diminish lung injury and bacterial translocation after hemorrhagic shock. Supplement to *Shock*, Vol. 11:78, 1999 **ABSTRACT**
83. Sallum EA, Sinosaki S, Pereira FL, Hondo FY, **Coimbra RS**, Branco PD, Rocha e Silva M: Blood loss and transcapillary refill in uncontrolled treated hemorrhage in dogs. Supplement to *Shock* Vol 11:74, 1999 **ABSTRACT**
84. Sinosaki S, Sallum EA, Pereira FL, Hondo FY, Abe R, **Coimbra RS**, Branco PD, Rocha e Silva M: A new method for measuring bleeding loss with a gamma camera, in a canine model of uncontrolled hemorrhage. Supplement to *Shock* Vol. 11:34, 1999 **ABSTRACT**
85. Rasslan S, **Coimbra R**, Candelaria PAP: Trauma, Infeccao e Nutricao. In: *Bases Fisiopatologicas da Cirurgia*. Younes RN & Birolini D (Eds.). pp. 77-90, 1999 **BOOK CHAPTER**
86. Patel NY, Hoyt DB, Nakaji P, **Coimbra R**, Winchell RJ, Mikulaschek AW, Corcos AC, Engelhart S, Rubinfeld IS: Traumatic brain injury: Patterns of failure of non-operative management. *J Trauma* 47(1):219, 1999 **ABSTRACT**
87. Angle N, **Coimbra R**, Hoyt DB: Pitfalls in the management of the trauma patient in the intensive care unit. *J Trauma* 1:301-312, 1999 **RESEARCH ARTICLE**
88. Napolitano LM, Faist E, Wichmann MW, **Coimbra R**: Immune dysfunction in trauma. *Surg Clin N America*, 79(6): 1385-1416, December 1999 **REVIEW ARTICLE**
89. **Coimbra R**, Hoyt DB, Fortlage DA, Winchell RJ: A critical analysis of time to disease-related complications: An 8-year experience of blunt trauma in a level I trauma center. *Surg Forum* 50: 674-676, 1999 **RESEARCH ARTICLE**
90. Corcos AC, Hoyt DB, Junger WG, **Coimbra R**: Neutrophil **RESEARCH**

- swelling increases oxidative burst in humans and is seen following crystalloid resuscitation in a mouse hemorrhage model. *Surg Forum* 50:193-195, 1999 **ARTICLE**
91. Razuk A, **Coimbra R**, Karakhanian W, Aidar OJ: Femoral neuropathy secondary to nontraumatic retroperitoneal hemorrhage following intravenous heparin therapy. A Case Report. *Vascular Surgery*, 34(1):87-90, 2000 **RESEARCH ARTICLE**
92. Patel NY, Hoyt DB, Nakaji P, Marshall L, Holbrook T, **Coimbra R**, Winchell RJ, Mikulascheck AW: Traumatic brain injury: Patterns of failure of nonoperative management. *J Trauma*, 48(3):367-375, 2000 **RESEARCH ARTICLE**
93. Parreira JG, **Coimbra R**, Rasslan S, Oliveria A, Fregoneze M, Mercadante M: The role of associated injuries on outcome of blunt trauma patients sustaining pelvic fractures. *Injury* 31:677-682, 2000 **RESEARCH ARTICLE**
94. Yada-Langui MM, Anjos-Valotta EA, **Coimbra R**, Sannomiya P, Rocha e Silva M: Hypertonic saline and pentoxifylline resuscitation reduce leukocyte adherence after hemorrhagic shock. Supplement to *Shock*, 13(2):152, 2000 **ABSTRACT**
95. Yada-Langui MM, **Coimbra R**, Lancellotti C, Mimica I, Garcia C, Correia Jr. N, Rocha e Silva M: Hypertonic saline and pentoxifylline prevent lung injury and bacterial translocation after hemorrhagic shock. *Shock* 14(6):594-598, 2000 **RESEARCH ARTICLE**
96. Beck JB, **Coimbra R**, Hansbrough JF: Pentoxifylline attenuates bacterial translocation and respiratory burst in a murine burn shock model. *J ACS* 191(4)S80: p. 80, 2000 **ABSTRACT**
97. **Coimbra R**, Yada MM, Filho AR: Fisiopatologia da sepse e da disfuncao organica multipla. In: *Fisiopatologia Cardiovascular*, Rocha e Silva M (Ed.) Sao Paulo: Atheneu, Chapter 12, pp. 173-187, 2000 **BOOK CHAPTER**
98. Hoyt DB, **Coimbra R**, Winchell RJ: Management of acute trauma. In: *Sabiston Textbook of Surgery 16th Edition*. Townsend, Beauchamp, Evers, Mattox (Eds.) pp.311-344, 2000 **BOOK CHAPTER**
99. Yada-Langui MM, Anjos-Valotta EA, **Coimbra RSM**, **ABSTRACT**

- Rocha e Silva M: Comparative effects of the treatments with lactated ringer's, hypertonic saline or pentoxifylline on microcirculation after hemorrhagic shock. *Crit Care Med* 28(12) Suppl.: A138, 2000
100. Beck JB, **Coimbra R**, Hansbrough JF: Pentoxifylline attenuates bacterial translocation and neutrophil accumulation into the lungs of mice in a burn shock model. *Surg Forum*, 51:605-607, 2000 **RESEARCH ARTICLE**
101. **Coimbra R**: Novas estrategias de ventilacao mecanica na lesao pulmonar aguda (LPA) e na sindrome da angustia respiratoria aguda (SARA). *Clin Bras de Med Intens* 10:117-126, 2001 **BOOK CHAPTER**
102. **Coimbra R**, Portieri R, Rasslan S: Reposta endocrino-metabolica ao trauma . In: *Trauma – A Doenca Dos Seculos* 1st Edition, Freire E (Ed.) Sao Paulo. Atheneu. pp. 187-195, 2001 **BOOK CHAPTER**
103. **Coimbra R**, Rasslan S: Controle de qualidade nos servicos de trauma. In: *Trauma – A Doenca Dos Seculos* 1st Edition, Freire E (Ed.) Sao Paulo. Atheneu. pp. 557-561, 2001 **BOOK CHAPTER**
104. Razuk A, **Coimbra R**: Trauma de veia porta e veias mesentericas. In: *Trauma – A Doenca Dos Seculos* 1st Edition, Freire E (Ed.) Sao Paulo. Atheneu. pp. 1713-1718, 2001 **BOOK CHAPTER**
105. Bruscin V, Rasslan S, **Coimbra R**: Sindrome compartimental do abdome. In: *Trauma – A Doenca Dos Seculos*, 1st Edition Freire E (Ed.) Sao Paulo. Atheneu. pp. 2289-2297, 2001 **BOOK CHAPTER**
106. Hoyt DB, **Coimbra R**, Cryer HM, Davis JW, Chesnut RM, Mackersie RC, Orloff LA, Jurkovich GJ, Winchell RJ, Wisner DH, Engelhardt SL, Sise MJ, Shackford SR, Knudson MM, Simons RK, Rozycki GS: Introduction. Chapter 11: Trauma. In: *Surgery: Scientific Principles and Practice, 3rd Edition*. Greenfield LJ, MW, Oldham KT, Zelenock GB, Lillemoe KD (Eds.), Lippincott Williams & Wilkins, pp. 269-271, 2001 **BOOK CHAPTER**
107. Hoyt DB, **Coimbra R**: General Considerations. Chapter 11: Trauma. In: *Surgery: Scientific Principles and Practice, 3rd Edition*, Greenfield LJ, MW, Oldham KT, Zelenock GB, **BOOK CHAPTER**

- Lillemoe KD (Eds.), Lippincott Williams & Wilkins, pp. 271-280, 2001
108. Hoyt DB, **Coimbra R**: Trauma Systems. Chapter 11: Trauma. In: *Surgery: Scientific Principles and Practice*, 3rd Edition, Greenfield LJ, MW, Oldham KT, Zelenock GB, Lillemoe KD (Eds.), Lippincott Williams & Wilkins, pp. 280-283, 2001 **BOOK CHAPTER**
109. Engelhardt S, Hoyt DB, **Coimbra R**, Fortlage D, Holbrook T.: The 15-year evolution of an urban trauma center: What does the future hold for the trauma surgeon?, *J Trauma* 51(4):633-638, 2001 **RESEARCH ARTICLE**
110. Vazquez JC, **Coimbra R**, Hoyt DB, Fortlage D: Management of penetrating pancreatic trauma: An 11-year experience of a level-1 trauma center. *Injury* 32(10):753-759, 2001 **RESEARCH ARTICLE**
111. Rappold JF, **Coimbra R**, Hoyt DB, Potenza B, Fortlage D, Holbrook T: An analysis of complications and mortality after blunt trauma: Is female gender protective? *J Trauma* 51(1):212, 2001 **ABSTRACT**
112. Ho C, **Coimbra R**, Hoyt DB, Chan TC: Severe traumatic brain injury from unmotorized scooter. *J Emerg Med* 21(2): 133-136, 2001 **RESEARCH ARTICLE**
113. Asensio JA, Britt LD, Gambors E, et. al: Multiinstitutional study on management of superior mesenteric artery injuries. *J Am Coll Surg* 194(4):354-365, 2001 **RESEARCH ARTICLE**
114. Bruscajin V, **Coimbra R**, Rasslan S, Abrantes WL, Souza HP, Gasparini N, Dalcin RR, Drumond DAF, Ribas Jr. JR: Blunt gastric injury. A multicentre experience. *Injury, Int J Care Injured* 32:761-764, 2001 **RESEARCH ARTICLE**
115. Hoyt DB, **Coimbra R**, Potenza BM, Rappold JF: Anatomic exposures for vascular injuries. *Surg Clin N America* Asensio JA, Demetriades D, Feliciano DV, Hoyt DB (Eds) 81(6):1299-1330, 2001 **RESEARCH ARTICLE**
116. **Coimbra R**, Silverio CC: Novas estrategias de ventilacao mecanica na lesao pulmonar aguda e na sindrome da angustia respiratoria aguda. *Rev Ass Med Brasil* 47(4):358-364, 2001 **RESEARCH ARTICLE**

117. Parreira JG, **Coimbra R**, Rasslan S, Ruiz DE: Politraumatizados com trauma craneencefalico grave: Importancia das lesoes abdominais associadas. *Rev Col Bras Cir* 28(5):336-341, 2001 **RESEARCH ARTICLE**
118. **Coimbra R**, Hoyt DB: Errores y muertes prevenibles y control de calidad en la atención del paciente traumatizado. (Control de Calidad en la Atención del Traumatizado)
In: *Trauma Prioridades*. San Román E, Neira JA, Tisminetzky G (Eds.) Chapter 3-4, pp 64-67, 2002 **BOOK CHAPTER**
119. Hoyt DB, **Coimbra R**, Potenza B, Fortlage D, Hollingsworth-Fridlund P: A ten-year analysis of trauma complications: As good as it gets. *J Trauma* 53(1):186, 2002 **ABSTRACT**
120. Rappold JF, **Coimbra R**, Hoyt DB, Potenza BM, Fortlage D, Holbrook T, Minard G: Female gender does not protect blunt Patients from complications and mortality. *J Trauma*. 53(3) 436-441, 2002 **RESEARCH ARTICLE**
121. Vasquez J, Lee SH, **Coimbra R**, Hoyt DB: Small bowel obstruction caused by a Meckel's diverticulum enterolith
The Internet Journal of Surgery. Volume 3, Number 2; 2002 **RESEARCH ARTICLE**
122. Michetti C, **Coimbra R**, Loomis W, Wolf P, Junger W, Hoyt DB: Pentoxifylline reduces acute lung injury in chronic endotoxemia by modulating neutrophil-endothelial cell interaction. *J Surg Res* 107:325, 2002 **ABSTRACT**
123. Hoyt DB, **Coimbra R**, Potenza B, Doucet J, Fortlage D, Hollingsworth-Fridlund P, Holbrook T: A twelve-year analysis of disease and provider complications on an organized level I trauma service: as good as it gets? *J Trauma* 54(1):26-37, 2003 **RESEARCH ARTICLE**
124. Jarrahy R, **Coimbra R**, Potenza B, Hoyt D, Fortlage D: Delayed presentation of a traumatic lumbar hernia caused by seat belt. A case report. *Eur J Trauma* 29:97-100, 2003 **RESEARCH ARTICLE**
125. **Coimbra R**, Hoyt DB, Potenza BM, Fortlage D, Hollingsworth-Fridlund, P: Does sexual dimorphism influence outcome of traumatic brain injury patients? The answer is no! *J Trauma* 54(4):689-700, 2003 **RESEARCH ARTICLE**
126. Wilson M, Davis DP, **Coimbra R**: Diagnosis and monitoring of hemorrhagic shock during the initial resuscitation of multiple trauma patients: A review. *J Emerg Med*, 24(4):413-422, 2003 **REVIEW ARTICLE**

127. Michetti C, **Coimbra R**, Hoyt DB, Loomis W, Junger W, Wolf P: Pentoxifylline reduces acute lung injury in chronic endotoxemia. *J Surg Research*, 115(1):92-99, 2003 **RESEARCH ARTICLE**
128. Razuk-Filho A, **Coimbra R**, Yada-Langui M, Rocha-e-Silva M: Superiority of intrapulmonary pentoxifylline on cardiac Performance after hemorrhagic shock. *Shock*, 19:86-87, 2003 **ABSTRACT**
129. **Coimbra R**, Hoyt DB, Loomis W, Melbostad H: Pentoxifylline modulates the acute inflammatory response after endotoxemia. *Shock*, 19:22, 2003 **ABSTRACT**
130. Sinosaki S, Yada-Langui MM, Sannomiya P, **Coimbra R**, Poli de Figueiredo LF, Roca e Silva M: Hypertonic saline associated with pentoxifylline reduces neutrophil migration after hemorrhagic shock. *Shock*, 19:56, 2003 **ABSTRACT**
131. **Coimbra R**: Toracotomia na sala de emergencia. (Emergency Department Thoracotomy) In: de Souza HP, Breigeiron R, Gabiatti G, eds. *Cirurgia do Trauma*. Sao Paulo: Atheneu; 2003: 119-26. **BOOK CHAPTER**
132. Lamounier FN, **Coimbra R**, Hoyt DB: The role of hypertonic saline in trauma resuscitation. *Panam J Trauma* 10(1):50-58, 2003 **RESEARCH ARTICLE**
133. Hoyt DB, **Coimbra R**, Potenza BM: Trauma systems, triage and transport. In: *Trauma*, 5th Edition, Moore EE, Feliciano, DV, Mattox K (Eds.) McGraw-Hill, Chapter 4, pp. 57-85, 2004 **BOOK CHAPTER**
134. **Coimbra R**: Ventilacao mecanica na lesao pulmonar aguda (LPA) e na sindrome da angustia respiratoria aguda (SARA). Current Ventilatory Management of Acute Lung Injury (ALI) and Acute Respiratory Distress Syndrome (ARDS). Sociedad Iberoamericana de Informacion Cientifica (SIIC) on line and Printed version. 2003 **RESEARCH ARTICLE**
Link <http://www.siicsalud.com/dato/dat037/04401000.htm>
135. Kramp WJ, Waldo S, Schmid-Schoenbein GW, Hoyt D, **Coimbra R**, Hugli TE: Characterization of two classes of shock factors: Functional differences exhibited by hydrophilic and hydrophobic shock factors. *Shock* 20(4):356-362, 2003 **RESEARCH ARTICLE**
136. **Coimbra R**, Melbostad H, Loomis W, Tobar M, Wolf P, Hoyt **ABSTRACT**

- DB: Pentoxifylline modulates neutrophil function in acute endotoxemia. Association for Academic Surgery – Abstract P51 *JSR* 114(2):289, 2003
137. Kaw Jr. LL, **Coimbra R**, Potenza B, Garfin SR, Hoyt DB: The use of recombinant Factor VIIa for severe intractable bleeding during spine surgery. *Spine* 29(12):1384-1388, 2004 **RESEARCH ARTICLE**
138. Kaw LL Jr., Potenza BM, **Coimbra R**, Hoyt DB: Traumatic diaphragmatic hernia. *JACS* 198(4):668-669, 2004 **RESEARCH ARTICLE**
139. Hoyt DB, **Coimbra R**: Initial care, operative care, and post operative priorities. In: *Vascular Trauma, 2nd Edition* Rich NM, Mattox K, Hirshberg A (Eds); Chapter 4, pp. 97-112. Philadelphia, PA. Elsevier Saunders, 2004 **BOOK CHAPTER**
140. Hoyt DB, **Coimbra R**, Potenza B: Management of acute trauma. In: *Sabiston Textbook of Surgery, 17th Edition* Townsend, Beauchamp, Evers, Mattox (Eds.) Chapter 20 pp. 483-531, 2004 **BOOK CHAPTER**
141. **Coimbra R**, Melbostad H, Hoyt DB. Effects of phosphodiesterase inhibition on the inflammatory response after shock: Role of pentoxifylline. *J Trauma* 56(2):442-449, 2004 **RESEARCH ARTICLE**
142. **Coimbra R**, Filho AR, Nesser RA, Rasslan S: Outcome from traumatic injury of the portal and superior mesenteric veins. *Vascular and Endovascular Surgery* 38(3):249-255, 2004 **RESEARCH ARTICLE**
143. Potenza BM, Hoyt DB, **Coimbra R**, Fortlage D, Holbrook T, Hollingsworth-Fridlund P, Trauma Research and Education Foundation: The epidemiology of serious and fatal injury in San Diego County over an 11-year period. *J Trauma* 56(1):68-75, 2004 **RESEARCH ARTICLE**
144. **Coimbra R**, Razuk-Filho A, Yada-Langui MM, Rocha-e-Silva M: Intraarterial pulmonary pentoxifylline improves cardiac Performance and oxygen utilization after hemorrhagic shock: A novel resuscitation strategy. *Anesth Analg* 98(5):1439-46, 2004 **RESEARCH ARTICLE**
145. Doucet JJ, Hoyt DB, **Coimbra R**, Schmid-Schonbein G, Junger WG, Wolf PL, Loomis WH, Hugli TE: Inhibition of enteral enzymes by enteroclysis with nafamostat mesylate **RESEARCH ARTICLE**

- reduces neutrophil activation and transfusion requirements following hemorrhagic shock. *J Trauma* 56(3):501-511, 2004
146. Farrier J, Dinerman C, Hoyt D, **Coimbra R**: Intestinal lymphoma causing intussusception in HIV(+) patient. A rare presentation. *Current Surgery* 61(4):386-389, 2004 **RESEARCH ARTICLE**
147. Kozar et al. Hypertonic saline prevents inflammation, injury, and impaired intestinal transit after gut ischemia/reperfusion by inducing heme oxygenase 1 (HO-1) enzyme. Editorial Comment by **Raul Coimbra**. *J Trauma* 56(4): 2004 **EDITORIAL**
148. Rodrigues JMS, **Coimbra R**, Sannomiya P, Langui MMY: Peritoneal macrophages inflammatory acute response after carbon dioxide insufflation. *Supplement to Shock* 21:48, 2004 **ABSTRACT**
149. Hoyt DB, **Coimbra R**, Junger W: Hypertonic saline: potential immunomodulation. *Supplement to Shock* 21:117, 2004 **ABSTRACT**
150. **Coimbra R**, Melbostad H, Loomis W, Hoyt D: Downregulation of inflammation in hemorrhagic shock and sepsis: Role of phosphodiesterase inhibition. *Supplement to Shock* 21:117, 2004 **ABSTRACT**
151. Ku JK, DeLaRosa J, Kang J, Hoyt DB, **Coimbra R**: Acute cholecystitis with a hemocholecyst as an unusual presentation of gallbladder cancer: report of a case. *Surgery Today* 34(11):973-976 2004 **RESEARCH ARTICLE**
152. Mosenthal AC, Livingston DH, Lavery RF, Knudson MM, Seong L, Morabito D, Manley GT, Nathens A, Jurkovich G, Hoyt DB, **Coimbra R**: The effect of age on functional outcome in mild traumatic brain injury: Six month report of a prospective multicenter trial. *J Trauma* 56(5):1042-1048, 2004 **RESEARCH ARTICLE**
153. Shukla A, Hashiguchi N, Chen Y, **Coimbra R**, Hoyt DB, Junger WG: Osmotic regulation of cell function and possible clinical applications. *Shock* 21(5):391-400, 2004 **RESEARCH ARTICLE**
154. Yada-Langui MM, Anjos-Valotta EA, Sannomiya P, Rocha-e Silva M, **Coimbra R**: Resuscitation affects Microcirculatory polymorphonuclear leukocyte behavior after hemorrhagic shock: Role of hypertonic saline and pentoxifylline. *Exp Biol Med* 229(7):684-693, 2004 **RESEARCH ARTICLE**

155. **Coimbra R**, Loomis W, Melbostad H, Hoyt DB: Downregulation of neutrophil oxidative burst by Pentoxifylline: Timing and intracellular localization. *Shock* 21(suppl 2):75-76, 2004 **ABSTRACT**
156. **Coimbra R**, Melbostad H, Porcides RD, Loomis W, Hoyt DB: Liver dysfunction and histopathological changes in acute endotoxemia: Reversal by phosphodiesterase inhibition. *Surg Infec* 5(1):119, 2004 **ABSTRACT**
157. **Coimbra R**, Loomis W, Melbostad H, Hoyt DB: Lipopolysaccharide-induced neutrophil activation and proinflammatory mediator synthesis is downregulated by Phosphodiesterase inhibition: Role of pentoxifylline. *J Trauma* 56(2):464, 2004 **ABSTRACT**
158. **Coimbra R**, Loomis W, Melbostad H, Tobar M, Porcides RD, Hoyt D: LPS-Stimulated PMN activation and proinflammatory mediator synthesis is downregulated by phosphodiesterase inhibition: role of pentoxifylline. *J Trauma* 57(6):1157-1163, 2004 **RESEARCH ARTICLE**
159. **Coimbra R**, Loomis W, Melbostad H, Porcides RD, Tobar M, Hoyt DB: Acting upstream and downstream from protein kinase C is ideal to modulate the inflammatory response: Role of HPTX a novel resuscitation strategy. *J Trauma* 54:446, 2004 **ABSTRACT**
160. Holbrook TL, Hoyt DB, **Coimbra R**, Potenza B, Size M, Anderson JP: Long-term PTSD after major trauma in adolescents: new data on risk factors and functional outcome. *J Trauma* 57(2):449, 2004 **ABSTRACT**
161. **Coimbra R**, Melbostad H, Loomis WG, Hoyt DB: Effects of phosphodiesterase inhibition by pentoxifylline on MAPK p38 and cAMP/PKA intracellular signaling pathways. *J Surg Res* 121:316-317, 2004 **ABSTRACT**
162. Briggs S, **Coimbra R**, Maull KI, Peitzman AB, Puyana JC, Eds. The ABC's of Disaster Medical Response. International Trauma and Disaster Institute at Massachusetts General Hospital, 2004 **MANUAL**
163. Ku JK, Vasquez JC, **Coimbra R**, Hoyt DB: Metastatic meningioma to the liver successfully treated with wedge resection and radiation therapy: Report of a case. *Surg Today*, 2005; 35(1):82-85. **CASE REPORT**

164. **Coimbra R**, Porcides RD, Melbostad H, Loomis W, Tobar M, Hoyt DB, Wolf P: Nonspecific phosphodiesterase inhibition attenuates liver injury in acute endotoxemia. *Surg Infect*, 2005; 6(1):73-85. **RESEARCH ARTICLE**
165. **Coimbra R**, Hoyt DB: Epidemiology and natural history of vascular trauma. In: Rutherford RB, et al, eds. *Vascular Surgery*. 6th ed. Philadelphia, PA: Elsevier Saunders; 2005: 1001-1006. **BOOK CHAPTER**
166. Livingston D, Lavery R, Mosenthal A, Knudson M, Lee S, Morabito D, Manley G, Nathens A, Jurkovich G, Hoyt D, **Coimbra R**: Impact of age on recovery at one year following isolated traumatic brain injury: A WTA prospective multicenter trial. *J Trauma*, 2005; 58(1):219. **ABSTRACT**
167. Holbrook TL, Hoyt DB, **Coimbra R**, Potenza B, Size M, Anderson JP: Long-term posttraumatic stress disorder persists after major trauma in adolescents: New data on risk factors and functional outcome. *J Trauma*, 2005; 58(4):764-771. **RESEARCH ARTICLE**
168. Holbrook TL, Hoyt DB, **Coimbra R**, Potenza B, Sise M, Anderson JP: High rates of acute stress disorder impact Quality-of-life outcomes in injured adolescents: Mechanism and gender predict acute stress disorder risk. *J Trauma*, 2005; 59(5):1126-1130. **RESEARCH ARTICLE**
169. **Coimbra R**: From the trauma surgeon's viewpoint: Multiple injuries – Which cavity to open first? *J Trauma Nurs*, 2005; 12(1):7-9. **RESEARCH ARTICLE**
170. **Coimbra R**, Melbostad H, Loomis W, Tobar M, Lall R, Hoyt DB: Downregulation of LPS-induced Neutrophil oxidative burst by phosphodiesterase inhibition is independent of MAPK P38 and PKA activation. *Surg Infect*, 2005; 6(1):164. **ABSTRACT**
171. **Coimbra R**, Loomis W, Melbostad H, Tobar M, Porcides RD, Lall R, Holbrook T, Hoyt DB: Role of hypertonic saline and pentoxifylline on neutrophil activation and tumor necrosis factor- α synthesis: A novel resuscitation strategy. *J Trauma*, 2005; 59(2):257-265. **RESEARCH ARTICLE**
172. **Coimbra R**, Melbostad H, Loomis W, Lall R, Hoyt DB: Regulation of TNF-a production by MAPK signaling Pathways: Role of phosphodiesterase inhibition. **ABSTRACT**

- Shock*, 2005; 23 (Suppl. 3): 41.
173. Frankel D, Hoyt D, Anjaria DJ, **Coimbra R**, Kawahara M, Schmid-Schonbein G, Hugli T: Relative efficacy of gut Protease inhibition post hemorrhagic shock – nafamostat is best. *Shock*, 2005; 23 (Suppl. 3): 20. **ABSTRACT**
174. **Coimbra R**, Melbostad H, Loomis W, Lall R, Hoyt DB: Pentoxifylline decreases neutrophil oxidative burst Independent of PKA activation: Effects on MAPK P38. *Shock*, 2005; 23 (Suppl. 3): 10. **ABSTRACT**
175. **Coimbra R**, Melbostad H, Loomis W, Tobar M, Hoyt DB: Phosphodiesterase inhibition decreases nuclear factor- κ B activation and shifts the cytokine response toward anti-inflammatory activity in acute endotoxemia. *J Trauma*, 2005; 59(3): 575-582. **RESEARCH ARTICLE**
176. **Coimbra R**, Hoyt DB, Anjaria DJ, Potenza BM, Fortlage D, Hollingsworth-Fridlund P: Reversal of Anticoagulation in Trauma: A North-American survey on clinical practices among trauma surgeons. *J Trauma*, 2005; 59(2): 375-382. **RESEARCH ARTICLE**
177. **Coimbra R**, Hoyt DB (contributors): Vascular Trauma In: Rutherford et al, eds. *Review of Vascular Surgery, Companion to Vascular Surgery, 6th Edition. 2nd ed.* Philadelphia, PA: Elsevier Saunders; 2005: 83. **REVIEW BOOK**
178. Hoyt DB, **Coimbra R**: General considerations in trauma. In: Mulholland MW, Lillemoe KD, Doherty GM, Maier RV, Upchurch Jr. GR, eds. *Greenfield's Surgery: Scientific Principles and Practice. 4th ed.* Philadelphia, PA: Lippincott Williams & Wilkins; 2005: 344-354. **BOOK CHAPTER**
179. Livingston DH, Lavery R, Mosenthal A, Knudson M, Lee S, Morabito D, Manley G, Nathens A, Jurkovich G, Hoyt D, **Coimbra R**: Recovery at one year following isolated traumatic brain injury: A Western Trauma Association prospective multicenter trial. *J Trauma*, 2005; 59: 1298-1304. **RESEARCH ARTICLE**
180. Potenza B, Rappold JF, **Coimbra R**, Marengo J, Fortlage D, Stout P, Fridlund P, Holbrook T, Hoyt D: Risk factors for failure of venous thromboembolism prophylaxis. *J Trauma*, 2005; 59: 519. **ABSTRACT**

181. **Coimbra R**, Porcides R, Loomis W, Melbostad H, Lall R
HSPTX is a better resuscitation fluid than LR: Effects on
end organ injury. *J Trauma*, 2005; 59:527. **ABSTRACT**
182. Lall RN, Loomis WB, Melbostad HB, Hoyt DB, Lane TA,
Coimbra R: Phosphodiesterase inhibition attenuates stored
blood-induced neutrophil activation: A novel adjunct to
blood transfusion. *J Am Coll Surg* 202(1):10-17, 2006 **RESEARCH
ARTICLE**
183. **Coimbra R**, Melbostad H, Loomis W, Wolf P, Tobar M,
Hoyt DB: LPS-induced acute lung injury is attenuated by
phosphodiesterase inhibition: Effects on proinflammatory
mediators, metalloproteinases, NF-kB, and ICAM-1
expression. *J Trauma*, 2006; 60(1):115-125. **RESEARCH
ARTICLE**
184. **Coimbra R**, Porcides R, Loomis W, Melbostad H,
Lall R, Deree J, Wolf P, Hoyt DB: HSPTX protects against
hemorrhagic shock resuscitation-induced tissue injury: An
attractive alternative to Ringer's lactate.
J Trauma, 2006; 60(1):41-51. **RESEARCH
ARTICLE**
185. Deree J, Lall R, Melbostad H, Loomis W, Grant M, Hoyt DB,
Martins J, **Coimbra R**: Pentoxifylline downregulates stored
blood induced neutrophil activation: A new role for an old
drug. *J Surg Res*, 2006; 130:226. **ABSTRACT**
186. Acosta JA, Hoyt DB, Frankel D, **Coimbra R**, Lim M,
Suliman A, Schmid-Schonbein G, Hugli T: Gut intraluminal
pancreatic protease inhibition limits resuscitation requirements
after hemorrhagic shock. *J Surg Res*, 2006; 130: 280. **ABSTRACT**
187. Deree J, Lall R, Melbostad H, Loomis W, Grant M, Rappold J,
Hoyt DB, **Coimbra R**: Further evidence of the anti-
inflammatory role of pentoxifylline: Effects on neutrophil
degranulation. *J Surg Res*, 2006; 130: 326. **ABSTRACT**
188. Deree J, Martins JO, Putnam J, Leedom A, Lamon B,
deCampos T, Hoyt DB, **Coimbra R**: Fighting Ali: The
effects of hypertonic saline and pentoxifylline in an
animal model of hemorrhagic shock. *J Trauma*, 2006; 60: 252. **ABSTRACT**
189. Potenza B, Hodgekiss-Harlow K, Hoyt D, **Coimbra R**,
Fridlund P, Fortlage D: An unexpected effect of enhance
border security: Falls from the international border fence.
J Trauma, 2006; 60: 255. **ABSTRACT**

190. Deree J, Lall R, Melbostad H, Grant M, Hoyt DB, **Coimbra R**: Neutrophil degranulation and the effects of phosphodiesterase inhibition. *J Surg Res*, 2006; 133: 22-28. **RESEARCH ARTICLE**
191. Deree J, Lall R, Melbostad H, Loomis W, Hoyt DB, **Coimbra R**: Pentoxifylline attenuates stored blood-induced inflammation: A new perspective on an old problem. *Surgery*, 2006; 140: 186-91. **RESEARCH ARTICLE**
192. **Coimbra R**, Martins JO, Deree J, Putnam J, De Campos T, Hoyt D.: The competition between lung NF-kB and CREB for the co-activator CPB is affected by the resuscitation strategy in hemorrhagic shock. *FASEB J*, 2006; 20(5): A1070-A1071. **ABSTRACT**
193. Deree J, Lall R, Martins JO, Putnam J, de Campos T, Loomis W, Hoyt DB, **Coimbra R**: Phosphodiesterase Inhibition Attenuates MAPK-Dependent Blood Transfusion-Induced Neutrophil Activation: A Novel Adjunct to Blood Transfusion. *Surg Infect*, 2006; 7:199. **ABSTRACT**
194. **Coimbra R**, Hoyt DB, Engelhart S, Fortlage D: Nonoperative management reduces the overall mortality of grades 3 and 4 liver injuries. *Int Surg*, 2006; 91:251-257 **RESEARCH ARTICLE**
195. Martins JO, Meyer-Pflug AR, Alba-Loureiro TC, Melbostad H, Cruz JW, **Coimbra R**, Curi R, Sannomiya P.: Modulation of lipopolysaccharide-induced acute lung inflammation: Role of insulin. *Shock*, 2006; 25(3):260-266. **RESEARCH ARTICLE**
196. Acosta JA, Hoyt DB, Schmid-Schönbein GW, Hugli TE, Anjaria DJ, Frankel DA, **Coimbra R**: Intraluminal pancreatic serine protease activity, mucosal permeability, and shock: A review. *Shock*, 2006; 26(1):3-9. **RESEARCH ARTICLE**
197. Kaw LL, Potenza BM, Hoyt DB, **Coimbra R**: Intrapericardial vena caval rupture from blunt trauma: case report and review of literature. *Phil J Surg Spec*, 2006; 61(3):135-38. **CASE REPORT**
198. Deree J, deCampos T, Martins JO, Putnam T, Hoyt DB, **Coimbra R**: Transcription Factor Modulation Through Phosphodiesterase Inhibition in Human PBMCS. *Shock*, 2006; 25(1):80-81, P176. **ABSTRACT**
199. Farrier JM, Lall R, **Coimbra R**: Resuscitative Thoracotomy. **BOOK**

- In: Wilson WC, Grande CM, Hoyt DB, eds. **Coimbra R**, assoc. ed. *Trauma: Emergency Resuscitation, Perioperative Anesthesia, And Surgical Management*. Vol 1 New York, NY: Informa Healthcare USA, Inc.; 2007: 247-254. **CHAPTER**
200. **Coimbra R**, de Campos T, McCoy-Hill CM: Severity Of Illness Scoring for Trauma and Critical Care. In: Wilson WC, Grande CM, Hoyt DB, eds. **Coimbra R**, assoc. ed. *Trauma: Critical Care*. Vol 2. New York, NY: Informa Healthcare USA, Inc.; 2007: 1275-1286. **BOOK CHAPTER**
201. Acosta JA, Wilson WC, **Coimbra R**: Critical Care Rounds Notes, and Use of Consultants. In: Wilson WC, Grande CM, Hoyt DB, eds. **Coimbra R**, assoc. ed. *Trauma: Critical Care*, Vol 2. New York, NY: Informa Healthcare USA, Inc.; 2007: 1233-1240. **BOOK CHAPTER**
202. DeCampos T, Deree J, **Coimbra R**: From acute pancreatitis to end-organ injury: Mechanisms involved in the development of acute lung injury. *Surg Infect*, 2007; 8(1):107-120. **RESEARCH ARTICLE**
203. Hoyt DB, **Coimbra R**: Trauma Systems. *Surg Clin N Amer*, 2007; 87: 21-35. **RESEARCH ARTICLE**
204. **Coimbra R**: Salt in the Vein, Good for the Brain... *Crit Care Med*, 2007; 35(2):659-660. **EDITORIAL**
205. Karmy-Jones R, Jurkovich GJ, **Coimbra R**, et al.: Practice Patterns and Outcomes of Retrievable Vena Cava Filters in Trauma Patients: An AAST Multicenter Study. *J Trauma*, 2007; 62(1):17-25 **RESEARCH ARTICLE**
206. Deree J, Shenvi E, Fortlage D, Stout P, Potenza B, Hoyt D, **Coimbra R**: Patient factors and operating room resuscitation Predict mortality in traumatic abdominal aortic injury: A 20-year analysis. *J Vasc Surg*, 2007; 45(3):493-497. **RESEARCH ARTICLE**
207. Holbrook TL, Hoyt DB, **Coimbra R**, Potenza B, Sise M, Sack DI, Anderson JP: Trauma in Adolescents Causes Long-Term Marked Deficits in Quality of Life: Adolescent Children Do Not Recover Preinjury Quality of Life or Function up to Two Years Post Injury Compared to National Norms. *J Trauma*, 2007; 62(3):577-583. **RESEARCH ARTICLE**
208. Razuk A, **Coimbra R**, Caffaro RA: Alternativas Tecnicas De Tratamento Cirurgico Da Lesao De Veia Porta E Veia Cava **BOOK CHAPTER**

- Inferior. In: *Trauma Vascular*. Murilo R, De Brito CJ, Miguel EV, Miranda Junior F, De Meirelles SSL (Eds). Livraria e Editora REVINTER Ltda., Rio de Janeiro, Chapter 41, 2007: 378-382.
209. Deree J, Martins JO, Leedom A, Lamon B, Putnam J, de Campos T, Hoyt DB, Wolf P, **Coimbra R**: Hypertonic saline and Pentoxifylline Reduces Hemorrhagic Shock Resuscitation-Induced Pulmonary Inflammation Through Attenuation Of Neutrophil Degranulation And Pro-Inflammatory Mediator Synthesis. *J Trauma*, 2007; 62(1):104-111. **RESEARCH ARTICLE**
210. Deree J, de Campos T, Shenvi E, Loomis WH, Hoyt DB, **Coimbra R**: Hypertonic Saline and Pentoxifylline Attenuates Gut Injury After Hemorrhagic Shock: The Kinder, Gentler Resuscitation. *J Trauma*, 2007; 62(4):818-828. **RESEARCH ARTICLE**
211. **Coimbra R**, Fraga GP: Disturbios Hidreletroliticos E Acidobasicos No Pos-Operatorio. In: *PROACI Programa De Atualizacao EM Cirurgia*. Manso JEF, e Silva ADO, Eds. Artmed/Pan-Americana Editora Ltda, Brasil, 2007: 9-38. **BOOK CHAPTER**
212. **Coimbra R**: Trauma, Infeccao, Sepsis E Insuficiencia de Multiplos Orgaos e Sistemas. In *Infeccao Em Cirurgia* Mitteldorf C, Rasslan S, Birolini D (Eds), Sao Paulo, Atheneu, 2007: 233-43. **BOOK CHAPTER**
213. **Coimbra R**: O Que Ha De Novo Em Traumatismo Toracico. In: Normando Jr GR, Rodrigues de Moraes LA, eds. *Traumatismo Toracico. Visao geral e especializada*, Biblioteca Central da UFPA, Belem-PA-Brasil, 2007: 55-68. **BOOK CHAPTER**
214. Normando Jr GR, **Coimbra R**, Saad Jr R, Goncalves R: Ferimentos do Hilo Pulmonar. In: Normando Jr GR, Rodrigues de Moraes LA, eds. *Traumatismo Toracico. Visao geral e especializada*, Biblioteca Central da UFPA, Belem-PA-Brasil, 2007: 417-428. **BOOK CHAPTER**
215. **Coimbra R**, Lee J, Bansal V, Hollingsworth-Fridlund P: Recognizing/Accepting Futility: PreHospital, Emergency Center, Operating Room, and Intensive Care Unit. *J Tr Nurs*, 2007; 14(2):1-4. **RESEARCH ARTICLE**
216. Deree J, Melbostad H, Loomis WH, Putnam JG, **Coimbra R**: The Effects of a Novel Resuscitation Strategy Combining Pentoxifylline and Hypertonic Saline on Neutrophil MAPK **RESEARCH ARTICLE**

- Signaling. *Surgery*, 2007; 142(2):276-283.
217. Bansal V, Fortlage D, Lee JG, Hill LL, Potenza B, **Coimbra R**: Significant Injury in Cruise Ship Passengers: A Case Series. *Am J Prev Med*, 2007; 33(3):219-221. **RESEARCH ARTICLE**
218. Deree J, Martins J, deCampos T, Putnam JG, Loomis WH, Wolf P, **Coimbra R**: Pentoxifylline Attenuates Lung Injury and Modulates Transcription Factor Activity in Hemorrhagic Shock. *J Surg Res*, 2007;143(1):99-108. **RESEARCH ARTICLE**
219. **Coimbra R**, Bansal V, Filho AR: Lesao Traumatica da Aorta Toracica. In: DeBrito CJ, ed., Duque A, Merlo I, Murilo R, Filho VLF, co-eds. *Cirurgia Vascular-Cirurgia Endovascular-Angiologia*. 2nd ed.Vol 2, Rio de Janeiro, 2007:1150-1158. **BOOK CHAPTER**
220. Filho AR, **Coimbra R**: Trauma dos Vasos Abdominais. In: In: DeBrito CJ, ed., Duque A, Merlo I, Murilo R, Filho VLF, co-eds. *Cirurgia Vascular-Cirurgia Endovascular-Angiologia*. 2nd ed.Vol 2, Rio de Janeiro, 2007:1159-1167. **BOOK CHAPTER**
221. Frankel DAZ, Acosta JA, Anjaria DJ, Porcides RD, Wolf PL, **Coimbra R**, Hoyt DB: Physiologic Response To Hemorrhagic Shock Depends on Rate and Means of Hemorrhage. *J Surg Res*, 2007; 143:276-280. **RESEARCH ARTICLE**
222. Bansal V, Lee J, **Coimbra R**: Current Diagnosis and Management Of Blunt Traumatic Rupture of the Thoracic Aorta. *J Vasc Bras*, 2007; 6:64-73. **RESEARCH ARTICLE**
223. Hoyt DB, **Coimbra R**: Splenectomy and Splenorrhaphy. In: Fischer J, ed. *Mastery of Surgery*. Philadelphia, PA: Lippincott, Williams, & Wilkins; 2007: 1650-1661 **BOOK CHAPTER**
224. Deree J, Fortlage D, Bansal V, Lee J, Potenza B, **Coimbra R**: Methamphetamine use by trauma patients: Current trends and consequences. *J Am Coll Surg*, 2007; 205(3):S67. **ABSTRACT**
225. **Coimbra R**, Doucet JJ, Bansal V: Resuscitation Strategies In Hemorrhagic Shock—Hypertonic Saline Revisited. In: McKenna J, Hughes T, Brewerton A, et al. eds. *Emergency Medicine and Critical Care Review 2007*. Touch Briefings, London, 2008: R1-7. **BOOK CHAPTER**
226. Costantini W, Deree J, Putnam JG, Loomis, W, **Coimbra R**: The Effect of Hypertonic Saline and Phosphodiesterase **ABSTRACT**

- Inhibition on the PI3K/AKT Pathway in Neutrophil Oxidative Burst. *J Surg Res*, 2008; 144(2):208.
227. Costantini TW, Deree J, Putnam JG, Loomis W, **Coimbra R**: The Effect of Phosphodiesterase Inhibition on NF- κ B Activation in LPS Stimulated THP1 Cells. *J Surg Res*, 2008; 144(2):419-420. **ABSTRACT**
228. Potenza B, Noordenbos J, Lew G, Danquah G, Tenenhaus M, Lee J, Bansal V, **Coimbra R**, Ridgway C, McSweeney J: Venous Thromboembolism in a Burn Population-Is It Time To Prevent the Clot? *J Trauma*, 2008; 64(1):250. **ABSTRACT**
229. Brasel KJ, Bulger E, Cook AJ, Morrison LJ, Newgard CD, Tisherman SA, Kerby JD, **Coimbra R**, Hata JS, Hoyt DB, and Resuscitation Outcomes Consortium Investigators: Hypertonic Resuscitation: Design and Implementation of a Prehospital Intervention Trial. *J Am Coll Surg*, 2008; 206(2):220-32. **RESEARCH ARTICLE**
230. **Coimbra R**, Davis DP, Hoyt DB: Pre-hospital Airway Management. In: Asensio JA, Trunkey DD, eds. Intubation, Devices and Controversies. *Current Therapy of Trauma and Surgical Critical Care*. Philadelphia, PA: Mosby Elsevier; 2008: 58-63. **BOOK CHAPTER**
231. Herrera FA, **Coimbra R**, Easter DW (Reviewers): Penetrating Colon Injuries: Primary Anastomosis versus Diversion. *J Surg Education*, 2008; 65(1):31-35. **COMMENTARY**
232. Deree J, Loomis WH, Wolf P, **Coimbra R**: Hepatic Transcription Factor Activation and Proinflammatory Mediator Production is Attenuated by Hypertonic Saline and Pentoxifylline Resuscitation after Hemorrhagic Shock. *J Trauma*, 2008; 64(5): 1230-1239. **RESEARCH ARTICLE**
233. **Coimbra R**: Commentary. Chapter 28, Trauma to the Heart. In: Feliciano DV, Mattox KL, MooreEE, eds. *Trauma*. 6th ed. New York, NY: McGraw-Hill; 2008: 587-588. **CHAPTER COMMENTARY**
234. Bansal V, Fortlage D, Lee JG, Kuncir E, Potenza B, **Coimbra R**: A 21-Year History of All-Terrain Vehicle Injuries: Has Anything Changed? *Am J Surg*, 2008; 195(6): 789-92. **RESEARCH ARTICLE**
235. **Coimbra R**: sTREM-1 as a Predictor of Severity and Outcome in Acute Pancreatitis: The Magic Bullet or Just Another **EDITORIAL**

- Inflammatory Mediator? *Crit Care Med*, 2008; 36(7):2197-2198.
236. Deree J, Loomis WH, Putnam JG, Wolf P, **Coimbra R**: Pentoxifylline-Supplemented Resuscitation Attenuates Both Early and Late Mediators of Hepatic Inflammation after Hemorrhagic Shock. *J Organ Dysfunct*, 2008; 4(3): 117-183. **RESEARCH ARTICLE**
237. Deree J, Martins JO, Melbostad H, Loomis WH, **Coimbra R**: Insights Into the Regulation of TNF- α Production in Human Mononuclear Cells: The Effects of Non-Specific Phosphodiesterase Inhibition. *Clinics*, 2008; 63: 321-8. **RESEARCH ARTICLE**
238. Costantini TW, Deree J, Loomis W, Putnam J, Hoyt D, **Coimbra R**: Effects of Phosphodiesterase Inhibition in Sepsis. *J Organ Dysfunct*, 2008; 4(2): 115-121. **RESEARCH ARTICLE**
239. deCampos T, Deree J, Martins JO, Loomis WH, Shenvi E, Putnam JG, **Coimbra R**: Pentoxifylline Attenuates Pulmonary Inflammation and Neutrophil Activation in Experimental Acute Pancreatitis. *Pancreas*, 2008; 37(1): 42-49. **RESEARCH ARTICLE**
240. **Coimbra R**, Conroy C, Hoyt DB, Pacyna S, May MS, Erwin S, Tominaga GT, Kennedy F, Sise M, Velky T: The Influence of Damage Distribution on Serious Brain Injury in Occupants in Front Motor Vehicle Crashes. *Accid Anal Prev*, 2008; 40: 1569-1575. **RESEARCH ARTICLE**
241. Conroy C, Tominaga GT, Erwin S, Pacyna S, Velky T, Kennedy F, Sise M, **Coimbra R**: The Influence of Vehicle Damage on Injury Severity of Drivers in Head-on Motor Vehicle Crashes. *Accid Anal Prev*, 2008; 40: 1589-1594. **RESEARCH ARTICLE**
242. Suliman A, Ali MR, Kasal N, Tian Y, Angle N, **Coimbra R**: Complete Femoral Artery and Vein Avulsion From a Hyperextension Injury: A Case Report and Literature Review. *Ann Vasc Surg* (E pub ahead of print) Jul 9 2008. **RESEARCH ARTICLE**
243. Costantini TW, Deree J, Loomis W, Putnam JG, Choi S, Baird A, Eliceiri B, Bansal V, **Coimbra R**. Phosphodiesterase inhibition attenuates alterations to the tight junction proteins occludin and ZO-1 in immunostimulated Caco-2 intestinal monolayers. *Life Sci*, 2008; 84:18-22. **RESEARCH ARTICLE**
244. Hoyt DB, **Coimbra R**, Potenza BM. Trauma systems, triage, and transport. In: Feliciano DV, Mattox KL, Moore EE, eds. *Trauma*, 6th edition. New York, NY: McGraw Hill; 2008: 59-81. **BOOK CHAPTER**

245. Malinoski DJ, **Coimbra R**, Hoyt DB, Bautista R: Sistemas de trauma en los Estados Unidos. In: Ferrada R, Rodriguez A, eds. *Trauma Sociedad Panamericana de Trauma*. 2nd ed. Bogota, Columbia: Distribuna Editorial Medica; 2008: 1-8. **BOOK CHAPTER**
246. **Coimbra R**, Hoyt DB, Bansal V, Trochez JP: Sistemas de indices de trauma. In: Ferrada R, Rodriguez A, eds. *Trauma Sociedad Panamericana de Trauma*. 2nd ed. Bogota, Columbia: Distribuna Editorial Medica; 2008: 29-32. **BOOK CHAPTER**
247. Dent DL, **Coimbra R**, Cohn SM, Garcia A: Transfusiones. In: Ferrada R, Rodriguez A, eds. *Trauma Sociedad Panamericana de Trauma*. 2nd ed. Bogota, Columbia: Distribuna Editorial Medica; 2008: 103-108. **BOOK CHAPTER**
248. Fraga GP, **Coimbra R**, Martinez N: Trauma de esofago. In: Ferrada R, Rodriguez A, eds. *Trauma Sociedad Panamericana de Trauma*. 2nd ed. Bogota, Columbia: Distribuna Editorial Medica; 2008: 256-269. **BOOK CHAPTER**
249. Malinoski D, Barrios C, Kim HD, Acosta JA, Schmid-Schonbein GW, Hugli TE, **Coimbra R**, Hoyt DB: Role of pancreatic enzymes in the development of multiple organ failure after shock. *J Organ Dysfunct*, 2008; 4(3): 161-167. **RESEARCH ARTICLE**
250. Namias N, Meizoso JP, Livingston DH, and the SOSICK Investigators Group (**Coimbra R**). Survey of surgical infections currently known (SOSICK): A multicenter examination of antimicrobial use from the surgical infection society scientific studies committee. *Surg Infect*, 2008; 9(5):509-14. **RESEARCH ARTICLE**
251. Deree J, Loomis WH, Putnam JG, Wolf P, Costantini T, Hoyt DB, **Coimbra R**. Phosphodiesterase inhibition downregulates Intestinal injury and inducible nitric oxide synthase activity after hemorrhagic shock. *J Organ Dysfunct*, 2008; 4:177-183. **RESEARCH ARTICLE**
252. Martins JO, Zanoni FL, Martins DO, **Coimbra R**, Krieger JE, Jancar S, Sannomiya P: Insulin regulates cytokines and intercellular adhesion molecule-1 gene expression through NF- κ B activation in lipopolysaccharide-induced acute injury in rats. *Shock*, 2009: 31(4) 404-9. **RESEARCH ARTICLE**
253. Costantini TW, Loomis W, Putnam JG, Drusinsky D, Deree J, Choi S, Wolf P, Baird A, Eliceiri B, Bansal V, **Coimbra R**. Burn-induced gut barrier injury is attenuated by **RESEARCH ARTICLE**

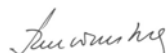
- phosphodiesterase inhibition: effects on tight junction structural proteins. *Shock*, 2009; 31(4) 416-22.
254. Fraga GP, Bansal V, Fortlage D, **Coimbra R**. A 20-year experience with portal and superior mesenteric venous injuries: Has anything changed? *Eur J Vasc Endovasc Surg*, 2009; 37: 87-91. **RESEARCH ARTICLE**
255. Costantini TW, Loomis WH, Putnam JG, Kroll L, Eliceiri B, Baird A, Bansal V, **Coimbra R**. Pentoxifylline modulates intestinal tight junction signaling after burn injury: effects of myosin light chain kinase. *J Trauma*, 2009; 66(1):17-25. **RESEARCH ARTICLE**
256. Costantini TW, Peterson CY, Kroll LM, Loomis WH, Putnam JG, Eliceiri BP, Baird A, Bansal V, **Coimbra R**. Role of p38 MAPK in burn-induced intestinal barrier breakdown. *J Surg Res*, 2009; 151(2):212. **ABSTRACT**
257. Costantini TW, Peterson CY, Kroll LM, Loomis WH, Putnam JG, Eliceiri BP, Baird A, Bansal V, **Coimbra R**. Utilizing phage display technology to identify peptide sequences targeting the burn injured intestinal barrier. *J Surg Res*, 2009; 151(2):212-213. **ABSTRACT**
260. Bansal V, Choi S, Costantini T, Loomis W, **Coimbra R**. Arginine is essential in reversing prostaglandin E₂ induced T cell suppression by hypertonic saline. *J Surg Res*, 2009; 151(2):221-222. **ABSTRACT**
261. Bansal V, Fortlage D, Lee J, Costantini T, Potenza B, **Coimbra R**. Hemorrhage is more prevalent than brain injury in early trauma deaths: the golden six hours. *Eur J Trauma Emerg Surg*, 2009; 35:26-30. **RESEARCH ARTICLE**
262. Costantini TW, Fraga G, Fortlage D, Lee JG, Doucet JJ, Bansal V, Coimbra RC: Redefining Renal Dysfunction in Trauma: Implementation of the Acute Kidney Injury Network (AKIN) Staging System. *J Trauma*, 2009 (In press). **RESEARCH ARTICLE**
263. Bansal V, Costantini T, Kroll L, Peterson C, Loomis W, Putnam J, Eliceiri B, Baird A, **Coimbra R**. Traumatic brain injury and intestinal dysfunction: Uncovering the neuro-enteric axis. *J Neurotrauma*, 2009 (In press). **RESEARCH ARTICLE**
264. Choi SH, Bansal V, Costantini T, Putnam J, Loomis W, **Coimbra R**. Arginine is essential in reversing prostaglandin E-2T-cell suppression by hypertonic saline. *J Surg Res*, 2009 (In press). **RESEARCH ARTICLE**

doi:101016/j.jss.2009.03.059

265. Costantini TW, Peterson CY, Kroll L, Loomis WH, Elicieri BP, Baird A, Bansal V, **Coimbra R**. Role of p38 MAPK in burn-induced intestinal barrier breakdown. *J Surg Res*, 2009 (In Press). doi:10.1016/j.jss.2009.03.066. **RESEARCH ARTICLE**
266. Bansal V, Costantini T, Kroll L, Peterson C, Loomis W, Elicieri B, Baird A, Wolf P, **Coimbra R**. Traumatic brain injury and intestinal dysfunction: Uncovering the neuro-enteric axis. *J Neurotrauma*, 2009 Apr 6. [Epub ahead of print] doi: 10.1089/neu.2008-0858. **RESEARCH ARTICLE**
267. Huang M, Thielmann RJ, Robb A, Angeles A, Nichols S, Drake A, D'Andrea J, Levy M, Holland M, Song T, Ge S, Hwang E, Yoo K, Cui L, Baker DG, Trauner D, **Coimbra R**, Lee RR. Integrated imaging approach with MEG and DTI to detect mild traumatic brain injury in military and civilian patients. *J Neurotrauma*, 2009 Apr 22 [Epub ahead of print] doi: 10.1089/neu.2008-0672. **RESEARCH ARTICLE**
268. Fraga GP, Bansal V, **Coimbra R**. Transfusion of blood products in trauma: an update. *J Emerg Med*, 2009 Apr 1. [Epub ahead of print] doi: 10.1016/j.jemermed.2009.02.034. **RESEARCH ARTICLE**
269. Costantini TW, Peterson CY, Putnam JG, Loomis WH, Borboa AK, Baird A, Eliceiri BP, Bansal V, **Coimbra R**. Gut barrier injury is associated with activation of enteric glia cells. *Surgical Infections*, 2009; 10(2): 194. **ABSTRACT**
270. Peterson CY, Costantini TW, Loomis WH, Putnam JG, Bansal V, Eliceiri BP, Baird A, **Coimbra R**. Toll-like receptor-4 mediates intestinal injury after burn. *Surgical Infections*, 2009; 10(2): 212-13. **ABSTRACT**
271. Shaterian A, Borboa A, Sawada R, Costantini T, Potenza B, **Coimbra R**, Baird A, Eliceiri BP: Real-time analysis of the kinetics of angiogenesis and vascular permeability in an animal model of wound healing. *Burns*, 2009 (In press). doi: 10.1016/j.burns.2008.12.012. **RESEARCH ARTICLE**

In Progress

1. Costantini TW, Deree J, Putnam J, Loomis BS, Eliceiri B, Bansal V, **Coimbra R**: Phosphodiesterase inhibition attenuates NF- κ B signaling in LPS stimulated THP1 cells. *Surgery* (Submitted) **RESEARCH ARTICLE**
2. Bansal V, Conroy C, Lee J, Schwartz A, Tominaga G, **Coimbra R**: Higher body mass index decreases the risk of pelvic fractures in near side impacts: a CIREN based study. *J Trauma* (Submitted) 2008 **RESEARCH ARTICLE**
3. Costantini TW, Sawada R, Putnam JG, Baird A, Loomis WH, Eliceiri BP, Bansal V, **Coimbra R**. Targeting the gut barrier: Identification of a homing peptide sequence for delivery into the injured intestinal epithelial cell. *Ann Surg*, 2009 (Submitted) **RESEARCH ARTICLE**
4. Costantini TW, Eliceiri BP, Peterson CY, Loomis WH, Putnam JG, Baird A, Bansal V, **Coimbra R**. Quantitative assessment of intestinal injury using a novel *in vivo* near-infrared imaging technique. *J Clin Invest*, 2009 (Submitted) **RESEARCH ARTICLE**
5. Lee J, Conroy C, **Coimbra R**, Tominaga G, Hoyt DB. Injury patterns frontal crashes: The association between knee-thigh-hip (KTH) and serious intra-abdominal injury. *Accid Anal Prev*, 2009 (Submitted) **RESEARCH ARTICLE**
6. **Coimbra R**, Conroy C, Tominaga G, Bansal V, Schwartz A. Causes of scapula fracture differ from other shoulder injuries in occupants seriously injured during motor vehicle crashes. *Injury*, 2009. (Submitted) **RESEARCH ARTICLE**



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