I am board certified in surgical critical care and have been in practice for over 20 years. I have always felt that sccm has been a leadership organization for critical care. I have also noticed that many of the people in the organizational role are from non surgical fields. I would like to represent the surgical critical care position as an at large member of this committee. I feel that my experience in working with and organizing surgical intensive care units as well as being a surgical educator gives a unique perspective on issues related to icu care. Therefore I am applying to be an at large member. Thank you for your kind consideration.

Akella Chendrasekhar MD FACS FCCP

**AKELLA CHENDRASEKHAR, MD, FACS 47 HILL HOLLOW ROAD, LAKE HOPATCONG, NJ | E: ACHENDRA@AOL.COM | P: (862) 324-5153**

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**Date of Birth: December 30,1961. Citizenship: USA**

**SUMMARY**

20+ years as an academic-clinician with diverse leadership experience in organizing and directing nationally and internationally recognized, Surgery, Trauma & Critical Care programs.

Key features include:

* • Led the 3-year overhaul of an ordinary local trauma program into a nationally distinguished, dual designated, American College of Surgeons (ACS) verified Level I Adult and Level II Pediatric Trauma Center. Development of the program involved working with EMS to maximize intake/admissions, creating and implementing a Performance Improvement (PI) Plan that functions across 20+ specialties, and founding a research program that annually produces abstracts, presented at the world’s most prestigious conferences (AACP, ACS, SCCM).
* • Pioneer in medical education for residents and medical students. Trained 500+ residents of all levels (intern to chief) and 2000+ medical students on general surgical principals, trauma, and critical care; Spearheaded and involved students in hundreds of internationally acclaimed research projects; Developed standardized didactic curricula, subsequently adopted by several hospitals nationwide.
* • Track Record as a Systems Organizer – collaborating across 20+ specialties to improve hospital-wide quality of care. Devised/Implemented standardized protocols that met/exceeded national quality of care standards, reducing mortalities to <2% (at 2 different hospitals) and hospital stays by at least 30%.
* • Proven problem-solver and versed in working with leadership across specialties and administration.

**AREAS OF EXPERTISE**

❖Building/Operating an ACS-verified Level I Trauma Center, Surgical Intensive Care Unit (ICU)

❖Implementing Hospital-System-Wide Standard of Care Protocols & high-grade PI Plans

❖Building/Operating Best-in-Class Surgery Residency Programs + Medical Student Clerkships

❖Surgery & Critical Care Education & Research for Residents and Students (Internationally acclaimed)

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**EXPERIENCE**

**Richmond University Medical Center, NY –** *Director of Trauma & Surgical Critical Care* **2013 – Present**

* • Manage care for all trauma and surgical patients in 415-bed hospital.
  + • Transformed an unrecognized regional Trauma program into an ACS verified Level I Adult and Level II Pediatric Trauma Center. 1st in New York City to earn the national distinction of dual designation. o 2.5x increase in Trauma admissions from 650 to 1500/year (Level I requirement: 1200/year) ▪Designed plan to geographically expand emergency coverage based on demographic analysis of patient intake. Worked with EMS Director to strategically place ambulances in high traffic areas for broader, optimal emergency coverage.
  + o *Performance Improvement (PI) Director*. Instituted plan in accord with Level I requirements, spanning: EMS care, ER care, Floor care, ICU care and OR Care. ▪Created protocols (books of them) to ensure standard of care was met in each area.
  + ▪Set compliance percentage benchmarks to meet Level I quality standards.
  + ▪Implemented PI Plan by tracking care of every hospital patient using protocols.
  + ▪Run weekly mortality and morbidity conferences to discuss complications, misdiagnoses, mortalities and other issues related to PI.
  + ▪Lead daily morning report with surgical residents to discuss all admits/consults.
  + ▪Managed transition to PI-oriented, Level I Trauma Center by coordinating with Directors and attending physicians of 20+ subspecialties.
  + o *Research Director*. Founded Trauma & Critical Care Research Program. ▪
  + ▪Trained and mentored 500+ medical students to participate in data collection, data analysis, abstract writing and presentation of 20+ studies on various aspects of Trauma & Critical Care at both national and international conferences (ACCP, ACS, SCCM, among others).
  + o *Residency Education Coordinator*. Trained and educated 120+ residents of all levels (intern to chief) on general surgical principals, trauma, critical care, and ICU.

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* o *Medical Outreach Director*. Taught 20+ Advanced Trauma Life Support Classes; Taught Trauma Principles to attending physicians and residents in other disciplines such as Pediatrics, Internal Medicine, Nursing; Presented on Injury Prevention to High Schools (firearm violence) and Nursing Homes (falls).
* • *Director of Surgical ICU* – Oversee and manage care for all patients in the ICU.
* • *Site Director* for SUNY Downstate Surgery Resident Program.

**Wyckoff Heights Medical Center, NY –** *Director of Trauma & Surgical Critical Care* **2006 – 2013**

* • Manage care for all trauma and surgical patients in 350-bed hospital.

• *Associate Director of Surgery Residency Program*. Managed 15+ residents at any given time.

o Established and enforced the clinical and technical requirements for all residents.

o Led morning report - daily review of clinical case scenarios for all patients/consults.

* • *Director of Medical Education*. Directed and Redesigned pre-clinical and clinical clerkships for medical students. Developed and Implemented the didactic curriculum for medical students including lectures series and scheduled clinical assignments in: Clinic, Ambulatory Surgery, OR cases for all specialties, Floor patient management (Day and Night), and Wound Care. o Managed instruction for 100+ medical students rotating at any given time; trained 2000+ students.
* o Mentored and Trained 1000+ medical students to participate in data collection, data analysis, abstract writing and presentation of 20+ studies on various aspects of Trauma & Critical Care at both national and international conferences (ACCP, ACS, SCCM, among others).
* o My lecture series (content and questions) became the standard for every hospital where American University of Antigua (AUA) students rotate (Northshore Hospital and Johnston, among others).
* o My scheduled clinical curriculum was commended by the NY Department of Education (Reviewer, Walter Ramos) – for being an innovative and comprehensive approach to medical education – our program maximized clinical exposure, in contrast to standard rotation programs.

o Wyckoff subsequently selected as a clinical survey site for accrediting bodies: New York State Education, Medical Board of California, Caribbean Accreditation Authority. Helped secure New York, California, and Caribbean Accreditation for the following medical schools: AUA, Ross University, St. Matthews University, Hope University**,** and SABA University.

* • *Director of Surgical ICU*. Oversee and manage care for all patients in the ICU.
  + • *Medical Director of Emergency Department* (2006 – 2009). o Implemented all quality improvement programs in emergency rooms (pneumonia treatment protocols, heart treatment protocols, standards that NYDH setup for all hospitals).
  + o Ran weekly mortality and morbidity conferences to discuss complications, misdiagnoses, mortalities and other issues related to PI.
  + • *Co-Director of Preclinical Clerkship Program* at American University of Antigua (2009 – 2012).
  + • *Clinical Chairman of Surgery* at American University of Antigua (2009 – 2012).

**Lincoln Hospital Medical Center, NY –** *Director of Trauma & Surgical Critical Care* **2005 – 2006**

**Iowa Methodist Medical Center –** *Director of Trauma & Surgical Critical Care* **1996 – 2004**

* • Manage care for all trauma and surgical patients in 600-bed hospital.
  + • Led development of the local trauma program into the state’s only ACS verified Level I Trauma Center for both Adult and Pediatric. o Increased the number of trauma admissions by over 40% from 1400 to 2000+ by working with EMS to position ambulance teams in high-propensity areas and verifying Level I status.
  + o Developed and Implemented the PI plan that reduced mortalities to <2% and average hospital stay from 7 days to 5 days; Commended for nationally outstanding program by ACS, ACCP.
  + o Published/Presented more trauma and critical care abstracts than most university programs on an annual basis. Hold the international record for most abstracts (16) published/presented in a single year at the ACCP (1996).

• *Assistant Director of Trauma & Surgical Critical Care* (1996 – 2000); *Director* (2000 – 2004).

* • *Director of Surgical ICU* (200 – 2004). Oversee and manage care for all patients in the ICU.

• *Research Director* (1996 – 2004).

• *Surgery Department Chairman* (2003 – 2004). **AKELLA CHENDRASEKHAR, MD, FACS 47 HILL HOLLOW ROAD, LAKE HOPATCONG, NJ | E: ACHENDRA@AOL.COM | P: (862) 324-5153**

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**West Virginia University** – *Trauma/Critical Care Instructor* **1994 – 1996**

**The University of Minnesota –** *Trauma/Critical Care Fellow* **1993 – 1994**

**The Brooklyn Hospital, New York** – *Residency* **1988 – 1993**

**MEDICAL EDUCATION**

**Falcon Reviews** – *Surgery, USMLE STEP 2 Instructor* **2006 – 2013**

**Osler Institute, Surgery Board Review** – *Faculty* **1995 – 2000**

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**HONORS, AWARDS & CERTIFICATIONS**

**Wyckoff Heights Medical Center –** Teacher of the Year **2008 – 2011**

**Lincoln Hospital/Our Lady of Mercy, Surgery Residency Program –** Teacher of the Year **2006**

**American College of Surgeons (FACS) –** Elected to Fellowship **1999**

**American College of Chest Physicians –** Young Investigator Award **1997**

**Iowa Methodist Medical Center, Department of Surgery Education –** Teacher of the Year **1997**

**American College of Chest Physicians (FCCP) –** Elected to Fellowship **1996**

**The American Board of Surgery 1995 – Present**

* • Board Certified (1995 – recertified 2003, 2015).
* • Certification in Surgical Critical Care (1996 – recertified in 2004, 2016).

**New York Colon & Rectal Society –** 3rd Prize for presentation on Anorectal Lymphoma **1989**

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**EDUCATION**

**The University of Minnesota Hospitals –** Trauma/Surgical Critical Care Fellowship **1993 – 1994**

**The Brooklyn Hospital Center**, New York **–** General Surgery Residency **1988 – 1993**

**University of Miami School of Medicine –** MD **1984 – 1988**

**University of Arkansas** – Masters in Chemistry **1982 – 1984**

**Massachusetts Institute of Technology –** BS Chemistry **1978 – 1982**

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**PRESENTATIONS**

Fast Enzyme Kinetic studies of F1ATPase from E. Coli. To study reaction mechanisms. (University of

Arkansas, Little Rock, Arkansas)

Separation of pharmacologically important cis-trans isomers via enzymatic selectivity using phosphatases

and practical application of research to industrial production. (Massachusetts Institute of Technology,

Cambridge, Massachusetts)

Removal of phenols from wastewater via enzyme mediated polymerization using peroxidase and industrial

application of this process. (Massachusetts Institute of Technology, Cambridge, Massachusetts)

Synthesis of pharmacologically active Phenyl hydrazines from azide compounds via electrochemical

techniques (University of Miami, Miami, FL) National Science Foundation URP Project

"Anorectal Lymphoma as a Presenting Sign of AIDS" Presented at the New York Colon & Rectal Society

Meeting, March 1989

The Efficacy of Hydroxyethyl Starch over Lactated Ringers in the resuscitation of the Elderly Surgical

Patient. Presented at the New York/ Philadelphia Surgical Society Meeting, March 1991

Percutaneous Dilatational Tracheostomy- a cost effective alternative to open tracheostomy. Presented at **AKELLA CHENDRASEKHAR, MD, FACS 47 HILL HOLLOW ROAD, LAKE HOPATCONG, NJ | E: ACHENDRA@AOL.COM | P: (862) 324-5153**

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The New York Head & Neck Society Meeting, March 1993

Does Transfusion Therapy Increase Oxygen Consumption In Critically Ill Septic Patients? Presented at the Brooklyn Surgical Society Meeting, May 1993

Laparoscopic Janeway Gastrostomy, A Safer Alternative to Percutaneous Endoscopic Gastrostomy(PEG)

Presented at The Drew Walker Surgical Forum at the Annual Convention of The National Medical

Association, San Antonio, TX, August 1993

Volume Controlled Inverse Ratio Ventilation(VC-IRV) In The Treatment of Adult Respiratory Distress

Syndrome(ARDS) Presented at the Annual Convention of The National Medical Association, San Antonio,

TX, August 1993

The Role of Upper Endoscopy in the Work-Up of Hematochezia Presented at the Annual Convention of

The National Medical Association, San Antonio, TX, August 1993

An Evaluation of Gastric Output in Surgical Patients with Nasojejunal Feeds. Poster Presentation at the

Society of Critical Care Medicine Educational and Scientific Symposium, Orlando, FL, January 1994

The Role of a Clinical Nurse Specialist(CNS) in the Outpatient Breast Clinic. Presented at Lancet

Conference on Breast Disease, Brussels, April 1994.

Weaning Parameters in Predicting Respiratory Failure of Lower Cervical Spine Injury Patients Presented at the Annual Meeting of The American College of Chest Physicians, New Orleans, LA, November 1994

Compliance Changes in Patients with Acute Lung Injury Poster Presentation at the 16th Annual RA

Cowley National Trauma Symposium, Baltimore, MD, November 1994

Barotrauma Reduction in Patients with Acute Lung Injury by Lowering Peak Inspiratory Flow Rates.

Poster Presentation at the Society of Critical Care Medicine Educational and Scientific Symposium, San

Francisco, CA, January 1995

An Evaluation of Infection Rate Associated With Severe Closed Head Injury. Poster Presentation at the

Society of Critical Care Medicine Educational and Scientific Symposium, San Francisco, CA, January

1995

Risk of Aspiration Pneumonia in Enterally Fed Patients. Oral Presentation at the 8th Annual Trauma

Anesthesia and Critical Care Symposium, Baltimore, MD, May 1995

Hyperbaric Oxygen Therapy. Oral Presentation at Ninth Annual Trauma Conference and Pre-hospital Care Symposium, Morgantown, WV, May 1995

Correlation Of Doppler Derived Velocity Change With Cardiac Index In Critically Ill Patients. Oral

Presentation at American Association for the Surgery of Trauma Meeting, Halifax, Nova Scotia, September

1995

Do Serum Pre-Albumin Levels Predict the Ability to Extubate the Chronically Ventilated Patient? Poster

Presentation at American Association for the Surgery of Trauma Meeting, Halifax, Nova Scotia, September

1995

Pulmonary Morbidity and Blunt Skeletal Injury. Poster Presentation at American Association for the

Surgery of Trauma Meeting, Halifax, Nova Scotia, September 1995

Coordination Of Routine Preoperative Testing Effects Change In Practice Patterns. Oral Presentation at

American Society of Anesthesiologists Annual Meeting, Atlanta, GA, October 1995

An Evaluation Of The Utility Of Arterial Lines In Hemodynamically Stable ICU Patients Poster **AKELLA CHENDRASEKHAR, MD, FACS 47 HILL HOLLOW ROAD, LAKE HOPATCONG, NJ | E: ACHENDRA@AOL.COM | P: (862) 324-5153**

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Presentation at American College of Chest Physicians Annual Meeting, New York, NY, October 1995

An Evaluation Of Routine Coagulation Parameters In Critically Ill Surgical Patients Poster Presentation at

American College of Chest Physicians Annual Meeting, New York, NY, October 1995

Utility Of Blood Cultures In Critically Ill Patients With Clinically Diagnosed Nosocomial Pneumonia, Oral

Presentation at American College of Chest Physicians Annual Meeting, New York, NY, October 1995

Load Independent Left Ventricular Function In A Hemorrhagic Shock Model Poster Presentation at

American College of Chest Physicians Annual Meeting, New York, NY, October 1995

Rectal pH Measurement In Tracking Cardiac Performance In A Hemorrhagic Shock Model, Oral

Presentation at American College of Chest Physicians Annual Meeting, New York, NY, October 1995

Elderly Trauma Patients with Multiple Rib Fractures: Classification Of A High Risk Population. Poster

Presentation at American College of Chest Physicians Annual Meeting, New York, NY, October 1995

Doppler Derived Acceleration Accurately Tracks Diastolic Dysfunction Seen In Hemorrhagic Shock. Oral

presentation at Eastern Association for the Surgery of Trauma Annual Meeting, Orlando, FL, January 1996

Utility Of Short Term Tissue Expansion On Tubular Tissues. Poster presentation at Southeastern Surgical

Congress Annual Meeting, Tampa, FL, February 1996

The Effect Of Fluids And Inotropes On Left Ventricular Function In A Hemorrhagic Shock Model. Poster

presentation at Southeastern Surgical Congress Annual Meeting, Tampa, FL, February 1996

Changes In Oxygenation And Compliance As Related To Body Position In Acute Lung Injury. Poster

presentation at Southeastern Surgical Congress Annual Meeting, Tampa, FL, February 1996

Load Independent Left Ventricular Function As A Predictor Of Survival In Patients Undergoing Elective

Abdominal Aortic Aneurysm Resection. Poster Presentation at the Society of Critical Care Medicine

Educational and Scientific Symposium, New Orleans, LA, February 1996

Transfusion Therapy In Elderly Critically Ill Septic Patients. Poster Presentation at the Society of Critical

Care Medicine Educational and Scientific Symposium, New Orleans, LA, February 1996

Utility of a Rectal pH Probe In Tracking A Porcine Model Of Endotoxic Shock. Poster Presentation at the

Society of Critical Care Medicine Educational and Scientific Symposium, New Orleans, LA, February

1996

An Evaluation Of Alveolar Cytokine Response To Aspiration Of Gastric Contents. Poster Presentation at

the Society of Critical Care Medicine Educational and Scientific Symposium, New Orleans, LA, February

1996

An Evaluation Of Closed Chest Compression In A Porcine Model Of Cardiopulmonary Resuscitation.

Poster Presentation at the Society of Critical Care Medicine Educational and Scientific Symposium, New

Orleans, LA, February 1996

Comparison Of Non-Bronchoscopic Techniques With Bronchoscopic Brushing In Diagnosis Of

Nosocomial Pneumonia. Poster Presentation at the Society of Critical Care Medicine Educational and

Scientific Symposium, New Orleans, LA, February 1996

Multiple Long Bone Fractures In The Patient With Single System Trauma Do Not Increase Intrahospital

Morbidity. Oral Presentation at Western Trauma Association Annual Scientific Meeting, Alta, WY,

February 1996 **AKELLA CHENDRASEKHAR, MD, FACS 47 HILL HOLLOW ROAD, LAKE HOPATCONG, NJ | E: ACHENDRA@AOL.COM | P: (862) 324-5153**

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Alveolar Cytokine Responses To Different Modes Of Mechanical Ventilation In Acute Lung Injury. Poster

Presentation at Experimental Biology 96 (Annual FASEB Meeting), Washington, DC, April 1996

An Evaluation of Gastrointestinal Perfusion In Acute Lung Injury. Poster Presentation at Experimental

Biology 96 (Annual FASEB Meeting), Washington, DC, April 1996

Effects of Positive Pressure and External Chest Wall Oscillation Ventilation on Load Independent Cardiac

Function. Presented at The Surgical Forum at The Annual Meeting of The American College of Surgeons,

San Francisco, CA, October 1996

Non-Bronchoscopic Techniques In The Diagnosis Of Nosocomial Pneumonia. Invited Speaker At The First

Annual Pulmonary Conference, Genesis Medical Center, Davenport, IA, October 1996

Assessment of Ventilation During The Performance of Percutaneous Dilatational Tracheostomy. Poster

presentation at American College of Chest Physicians Annual Meeting, San Francisco, CA, October 1996

Obesity and Trauma Patient Outcome. Oral presentation at American College of Chest Physicians Annual

Meeting, San Francisco, CA, October 1996

Left Ventricular Function in Hemorrhagic Shock. Oral presentation at American College of Chest

Physicians Annual Meeting, San Francisco, CA, October 1996

Endotracheal Tube Cuff Pressure Threshold For Prevention of Nosocomial Pneumonia. Oral presentation at American College of Chest Physicians Annual Meeting, San Francisco, CA, October 1996

An Evaluation of Shock Index in the Elderly Rural Trauma Population. Poster presentation at American

College of Chest Physicians Annual Meeting, San Francisco, CA, October 1996

Nutritional Parameters as Predictors of Ventilator Dependence. Poster presentation at American College of Chest Physicians Annual Meeting, San Francisco, CA, October 1996

Doppler Derived Data in the Detection of Compartment Syndrome. Poster presentation at American

College of Chest Physicians Annual Meeting, San Francisco, CA, October 1996

A Simple Doppler Device as a Screen for Arterial Occlusive Disease. Poster presentation at American

College of Chest Physicians Annual Meeting, San Francisco, CA, October 1996

Rectal Mucosal Surface pH Correlates With Gastric Intramucosal pH in Severely Traumatized Patients.

Poster presentation at American College of Chest Physicians Annual Meeting, San Francisco, CA, October

1996

External Chest Wall Oscillator Ameliorates Cytokine Response to Acute Lung Injury. Poster presentation

at American College of Chest Physicians Annual Meeting, San Francisco, CA, October 1996

External Chest Wall Oscillator as a Cardiac Augmentation Device in Acute Lung Injury. Poster

presentation at American College of Chest Physicians Annual Meeting, San Francisco, CA, October 1996

Myoglobinuria Incidence and The Efficacy of Bicarbonate After Entrapment in Motor Vehicle Accidents.

Poster presentation at American College of Chest Physicians Annual Meeting, San Francisco, CA, October

1996

Efficacy of An Immune Enhancing Diet in Patients With Severe Closed Head Injury. Poster presentation at

American College of Chest Physicians Annual Meeting, San Francisco, CA, October 1996 **AKELLA CHENDRASEKHAR, MD, FACS 47 HILL HOLLOW ROAD, LAKE HOPATCONG, NJ | E: ACHENDRA@AOL.COM | P: (862) 324-5153**

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Feeding Tolerance is Enhanced by Nasojejunal Placement of Feeds in Critically Ill Patients. Poster

presentation at American College of Chest Physicians Annual Meeting, San Francisco, CA, October 1996

Cardiovascular Effects of Non-Invasive Mechanical Ventilation. Poster presentation at American College

of Chest Physicians Annual Meeting, San Francisco, CA, October 1996

Coronary Blood Flow Changes in Volume Resuscitated Hemorrhagic Shock. Poster presentation at

American College of Chest Physicians Annual Meeting, San Francisco, CA, October 1996

Forced Vital Capacity Predicts Pulmonary Collapse In Patients With Lower Cervical Spine Injury. Oral

presentation at The Eastern Association of Surgery for Trauma Annual Meeting, Sanibel Island, FL,

January 1997

An Evaluation Of Splanchnic Perfusion In Acute Lung Injury. Oral presentation at The Eastern Association

of Surgery for Trauma Annual Meeting, Sanibel Island, FL, January 1997

Evaluation Of An Enhanced Diet In Patients With Severe Closed Head Injury. Poster presentation at

Society Of Critical Care Medicine Annual Meeting, San Diego, CA, February 1997

Neutrophil Cd 18 Expression After Hemorrhagic Shock And Resuscitation. Poster presentation at Society

Of Critical Care Medicine Annual Meeting, San Diego, CA, February 1997

Respiratory Compromise with Hypertonic (7.8 %) Saline Resuscitation In Hemorrhagic Shock. Poster

presentation at Society Of Critical Care Medicine Annual Meeting, San Diego, CA, February 1997

Pre-Hemorrhage Fasting Removes The Mortality Predictive Power Of Colonic PiCO2. Presented at The

Twentieth Annual Conference On Shock, Indian Wells, CA, June 1997

Alveolar Cytokine Response In Gastric Juice Aspiration. Presented at The Twentieth Annual Conference

On Shock, Indian Wells, CA, June 1997

Enalaprilat Reduces Resuscitation Time In Hemorrhagic Shock.. Presented at The Twentieth Annual

Conference On Shock, Indian Wells, CA, June 1997

An Evaluation Of The Effects Of Semi-Rigid Cervical Collars In Patients With Severe Closed Head Injury.

Presented At The Annual Meeting Of The Midwest Surgical Society, Huron, OH , August 1997

Continuous Veno-Venous Hemofiltration Ameliorates Lung Injury In Severe Acute Respiratory Distress

Syndrome. Poster presentation at American College of Chest Physicians Annual Meeting, New Orleans,

LA, October 1997

Continuous Dose Furosemide Therapy As A Therapeutic Approach To Adult Respiratory Distress

Syndrome (ARDS). Oral presentation at American College of Chest Physicians Annual Meeting, New

Orleans, LA, October 1997

Longer Radial Arterial Catheters Are Associated With Lower Failure Rates. Poster presentation at

American College of Chest Physicians Annual Meeting, New Orleans, LA, October 1997

Perflourocarbon Causes Significant Injury to Normal Lungs. Oral presentation at American College of

Chest Physicians Annual Meeting, New Orleans, LA, October 1997

Early Release Of Pulmonary Cytokines In Acid Aspiration Is Not Associated With Presence Of

Inflammatory Cells. Poster presentation at American College of Chest Physicians Annual Meeting, New

Orleans, LA, October 1997

The Effect Of Peritoneal Contamination On The Tensile Strength Of Small Bowel And Colonic **AKELLA CHENDRASEKHAR, MD, FACS 47 HILL HOLLOW ROAD, LAKE HOPATCONG, NJ | E: ACHENDRA@AOL.COM | P: (862) 324-5153**

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Anastomoses. Oral presentation at the Eastern Association for the Surgery of Trauma Annual Meeting,

Sanibel Island, FL, January 1998

Continuous Fiberoptic Colonic PiCO2 Monitoring Predicts Survivability In Hemorrhaged And Resuscitated

Rats. Poster Presentation At The Society Of Critical Care Medicine Annual Scientific Symposium San

Antonio, TX, February 1998

Overnight Fasting Increases Baseline Neutrophil CD18 Expression In Rats. Poster Presentation At The

Society Of Critical Care Medicine Annual Scientific Symposium, San Antonio, TX, February 1998

Decreasing The Rate Of Infusion Decreases Respiratory Arrest Induced Mortality In Hemorrhaged Rats

Resuscitated With Hypertonic Saline Dextran. Poster Presentation At The Society Of Critical Care

Medicine Annual Scientific Symposium, San Antonio, TX, February 1998

Fiberoptic Versus Air-Flow Infraredcolonic PiCO2 Monitoring: Effects On Results In Hemorrhaged And

Resuscitated Rats. Poster Presentation At The Society Of Critical Care Medicine Annual Scientific

Symposium, San Antonio, TX, February 1998

Furosemide Improves Splanchnic Perfusion In A Canine Model Of Oleic Acid Induced Lung Injury. Poster

Presentation At The Society Of Critical Care Medicine Annual Scientific Symposium, San Antonio, TX,

February 1998

Inability To Increase Temperature As A Marker For Decreased Survival. Poster Presentation at Society of

Critical Care Medicine’s Educational and Scientific Symposium, San Francisco, CA, January 1999

Oral Glucose/Electrolyte Solution Pre-Hemorrhage Is Associated With Decreased Mortality. Poster

Presentation at Society of Critical Care Medicine’s Educational and Scientific Symposium, San Francisco,

CA, January 1999

Enalaprilat During Resuscitation Improves Survival. Poster Presentation at Iowa Physiologic Society/Iowa Academy of Science Annual Meeting, Des Moines, IA, April 1999

Effects Of Continuous Furosemide In Oleic Acid Lung Injury. Poster Presentation at Iowa Physiologic

Society/Iowa Academy of Science Annual Meeting, Des Moines, IA, April 1999

Effects Of Continuous Furosemide In Oleic Acid Lung Injury. Poster Presentation at Iowa Physiologic

Society/Iowa Academy of Science Annual Meeting, Des Moines, IA, April 1999

Therapy Protected Specimen Brushing Versus Tracheal Aspirate Data, First Place, Clinical Science

Division Resident Paper Competition. Poster Presentation at Iowa Academy of Surgery, Des Moines, IA,

May 1999

An Evaluation Of Neuromuscular Blockade On Resting Energy Expenditure In Patients With Severe

Closed Head Injury. Second Place, Clinical Division, Resident Paper Competition, Iowa Academy of

Surgery, Des Moines, IA, May 1999

Bronchoscopy. American College of Chest Physicians, South India Chapter – CHEST Update ’99,

Pondicherry, India, August 1999

Pulmonary Embolism - Management. American College of Chest Physicians, South India Chapter –

CHEST Update ’99, Pondicherry, India, August 1999

An Evaluation Of Neuromuscular Blockade On Resting Energy Expenditure In Patients With Severe

Closed Head Injury. CHEST 1999, 65th Annual International Scientific Assembly of the American College

of Chest Physicians, Chicago, IL, October 1999 **AKELLA CHENDRASEKHAR, MD, FACS 47 HILL HOLLOW ROAD, LAKE HOPATCONG, NJ | E: ACHENDRA@AOL.COM | P: (862) 324-5153**

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Ventilator Associated Pneumonia: Therapy Protected Specimen Brushing Versus Tracheal Aspirate Data.

CHEST 1999, 65th Annual International Scientific Assembly of the American College of Chest Physicians,

Chicago, IL, November 1999. Co-Winner 1999 CHEST Foundation Clinical Research Abstract Award

Early Use Of Pressure Control Ventilation Improves Short-Term Outcome In A Canine Model Of Acute

Respiratory Distress Syndrome. First Place, Basic Science Division, Iowa Committee on Trauma Resident

Competition, Iowa City, IA, November 1999

Continuous Dose Furosemide Improves Survival In Acute Respiratory Distress Syndrome. First Place,

Clinical Division, Iowa Committee on Trauma Resident Competition, Iowa City, IA, November 1999

Correlation Of Expenditure Estimates Between Indirect Calorimetry And PA Catheter Derived Data In

Patients With Severe Closed Head Injury. Second Place, Clinical Division at Iowa Committee on Trauma

Resident Competition, Iowa City, IA, November 1999

Early Use Of Pressure Control Ventilation Improves Short-Term Outcome In A Canine Model Of Acute

Respiratory Distress Syndrome. 22nd Annual Advances in Trauma Region VII Committee on Trauma

Residency Paper Competition, Kansas City, MO, December 1999

Continuous Dose Furosemide Improves Survival In Acute Respiratory Distress Syndrome. 22nd Annual

Advances in Trauma Region VII Committee on Trauma Residency Paper Competition, Kansas City, MO,

December 1999

Correlation Of Expenditure Estimates Between Indirect Calorimetry And PA Catheter Derived Data In

Patients With Severe Closed Head Injury. Eastern Association for the Surgery of Trauma (EAST) 2000,

13th Annual meeting, Fort Myers, FL, January 2000

Pancreatitis – Management Strategies. CRITICARE 2000, Indian Society of Critical Care Medicine,

Hyderabad, India, January 2000

Rapid Post Insult Non-Invasive Induction Of Mild To Moderate Hypothermia As An Emerging Cerebro

Protective Strategy. CRITICARE 2000, Indian Society of Critical Care Medicine, Hyderabad, India,

January 2000

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Have Plain Abdominal Radiographs Outlived Their Usefulness? Presented at the American college of surgeons meeting 2010

**GRANTS**

**1. West Virginia University Hospital Research Fund –** $2,000

* • Project "Shorter collection times for evaluation of nitrogen balance and creatinine clearance"

**2. Department of Surgery, West Virginia University –** $2,000

* • Project "Rectal pHi and load independent LV function in hemorrhagic shock"

**3. Sandoz Nutrition Corporation** – $5,000

* • Project "Multi-component diet in patients with severe closed head injury"

**4. Roche Laboratories** – $2,200

**Ballard Medical Products** – $1,000

**Boston Scientific Corp.** – $1,000

* • Project "An evaluation of non bronchoscopically obtained bronchoalveolar lavage and protected specimen brushing in mechanically ventilated trauma patients"

5. Ballard Medical Products – $7,000

* • Project "A comparison of ventilator modalities in induction of lung parenchymal injury in rural trauma patients with acute lung injury"

**6. Bear Medical Systems Inc –** $2,000

**Breasy Medical Equipment Inc –** $2,000

Ballard Medical Products – $3,000

* • Project "A comparison of ventilator modalities in induction of lung parenchymal injury in an animal model of adult respiratory distress syndrome"

7. Ballard Medical Products – $1,000

Roche Laboratories – $3,000

* • Project “Severe closed head injury and cytokine response in a rat model”

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**8. Bayer Corporation – $7,500**

* • Unrestricted Educational Grant

9. Ballard Medical Products – $1,000

* • Unrestricted Educational Grant

10. SIMS, Inc – $5,000

* • Unrestricted Educational Grant

11. Glaxo Wellcome Inc

* • $68,000 Project “The Effect of early neuromuscular blockade on metabolic response to injury”

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**PROFESSIONAL SOCIETIES**

American Medical Association – Member

American College of Surgeons – Fellow

American College of Chest Physicians – Fellow

American College of Chest Physicians – Scientific Program Committee (1998 – 2000)

Eastern Association for the Surgery of Trauma – Member

Association for Academic Surgery – Member

Society for Critical Care Medicine – Member

American Society for Parental and Enteral Nutrition – Member

Southeastern Surgical Congress – Fellow

Southern Medical Association – Member

Shock Society

Midwest Surgical Association – Member

Society of Laparoendoscopic Surgeons

Medical Library Club

Editorial Faculty for Chest (1999 – Current)