



Critical Care Assembly Newsletter

We help the world breathe
PULMONARY • CRITICAL CARE • SLEEP

Edited by Amal Jubran, MD, Chair

SPRING 2009

Message From the Assembly Chairperson

Amal Jubran, MD

We are eagerly anticipating the ATS International Conference which will be held May 15-20 in San Diego. Our Assembly has been busy organizing an exciting program. We hope you will be able to attend the many sessions that are dedicated to critical care.

Program Committee Update

Stefano Nava, MD, Chair and Constantine Manthous, MD, Chair-Elect

Stefano Nava, Chair of the Program Committee, and Constantine Manthous, Chair-elect, together with the Program Committee members have organized an impressive program as detailed later in this newsletter. An outstanding line-up of speakers covering diverse topics such as ICU acquired weakness, the use of ventilator waveform to guide management, the selection of the right technology for hemodynamic monitoring, and the rationing of care in the ICU will be featured at this year's meeting. New cutting edge research in critical care will be presented in the 21 thematic poster, poster discussion, and mini-symposium sessions.

ATS 2009 – San Diego Sessions Sponsored by the Assembly on Critical Care

Postgraduate Seminars

Friday, May 15, 2009

PG6 MECHANICAL VENTILATION: STATE OF THE ART 8:00 AM - 3:45 PM

Saturday, May 16, 2009

PG20 WEANING FROM MECHANICAL VENTILATION 8:00 AM - 4:00 PM

PG21 PULMONARY AND CRITICAL CARE REVIEWS:
BUILT AROUND ABIM PULMONARY MODULE A9-F
AND CRITICAL CARE MODULE A2-F 8:00 AM - 4:00 PM

Symposia

Sunday, May 17, 2009

A84 ADVANCES IN THE MANAGEMENT OF PATIENTS
AFTER SUBARACHNOID HEMORRHAGE 1:30 PM - 4:00 PM

Critical Care Track

Sunday, May 17, 2009

A4 USING VENTILATOR WAVEFORMS TO YOUR
CLINICAL ADVANTAGE 8:15 AM - 10:45 AM

Officers of the Assembly on Critical Care

Assembly Chair

2007-2009: Amal Jubran

ajubran@lumc.edu

Planning Chair

2006-2009: Anthony F. Suffredini

asuffredini@mail.cc.nih.gov

Program Chair

2008-2009: Stefano Nava

snava@fsm.it

Program Chair-elect

2008-2009: Constantine A. Manthous

pcmant@bpthosp.org

Nominating Chair

2008-2009: Lluís Blanch

lblanch@cspt.es

Web Directors

2006-2009: David A. Kaufman

pdkauf@bpthosp.org

INSIDE THIS ISSUE:

| | |
|--|-----|
| Planning Committee Update | 4 |
| Website Update | 4 |
| How to Get Involved in the Critical Care Assembly | 4 |
| Please Attend the Critical Care Assembly Meeting | 4-5 |
| Project Application for funding in FY2010! | 5 |
| Public Advisory Roundtable | 5-7 |
| Breathing Better with the ATS Forum | 7 |
| Fellow ATS Membership | 7 |
| ATS Foundation | 8 |
| CC Membership Meeting | 8 |

ATS 2009 – San Diego Sessions Sponsored by the Assembly on Critical Care

Critical Care Track

Sunday, May 17, 2009

A5 INTENSIVE CARE UNIT-ACQUIRED WEAKNESS: NEW INSIGHTS AND NOVEL THERAPIES 8:15 PM - 10:45 PM

Monday, May 18, 2009

B4 ACUTE RIGHT VENTRINTENSIVE CARE UNITLAR DYSFUNCTION IN CRITICAL ILLNESS 8:15 AM - 10:45 AM

B84 THE WAY FORWARD IN SEPSIS: DIAGNOSIS, STAGING, AND NEW CLINICAL TRIALS 1:30 PM - 4:00 PM

Tuesday, May 19, 2009

C4 FRONTIERS FOR NON-INVASIVE VENTILATION IN THE INTENSIVE CARE UNIT: UNANSWERED QUESTIONS 8:15 AM - 10:45 AM

C84 HEMODYNAMIC MONITORING: THE NEED FOR THE RIGHT TECHNOLOGY 1:30 PM - 4:00 PM

Wednesday, May 20, 2009

D4 THERAPEUTIC FRONTERS IN ACUTE LUNG INJURY 8:15 AM - 10:45 AM

D84 RATIONING IN THE INTENSIVE CARE UNIT: AN INTERNATIONAL PROBLEM 1:30 PM - 4:00 PM

Meet the Professor Seminars

Sunday, May 17, 2009

MP411 AN EVIDENCE-BASED APPROACH TO END OF LIFE DECISION MAKING IN THE INTENSIVE CARE UNIT 12:00 PM - 1:00 PM

Monday, May 18, 2009

MP510 FLUID MANAGEMENT IN ACUTE LUNG INJURY 12:00 PM - 1:00 PM

Tuesday, May 19, 2009

MP611 WASTED EFFORTS DURING MECHANICAL VENTILATION: WHY DO THEY HAPPEN, HOW TO DETECT THEM, WHAT TO DO 12:00 PM - 1:00 PM

Sunrise Seminars

Monday, May 18, 2009

SS108 OPTIMIZING THE CRITICAL CARE OF THE OLDER PATIENT 7:00 AM - 8:00 AM

Wednesday, May 20, 2009

SS311 CRITICAL CARE FOR PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSUS (SLE) 7:00 AM - 8:00 AM

SS312 TRACHEOTOMY IN VENTILATOR DEPENDENT PATIENTS: WHEN, HOW, WHICH KIND OF CANNULA AND WHEN TO EVENTUALLY REMOVE IT 7:00 AM - 8:00 AM

Mini-Symposia

Sunday, May 17, 2009

A92 FIVE RANDOMIZED CLINICAL TRIALS WITH EDITORIAL DISCUSSION 1:30 PM - 4:00 PM

Monday, May 18, 2009

B16 COST EFFECTIVENESS OF CRITICAL CARE AND ORGANIZATION 8:15 AM - 10:45 AM

ATS 2009 – San Diego Sessions Sponsored by the Assembly on Critical Care

Mini-Symposia

Monday, May 18, 2009

B93 NEW ADVANCES IN MECHANICAL VENTILATION 1:30 PM - 4:00 PM

Tuesday, May 19, 2009

C92 ACUTE LUNG INJURY/ACUTE RESPIRATORY DISTRESS SYNDROME: OUTCOMES AND PREDICTORS OF FAILURE 1:30 PM - 4:00 PM

Wednesday, May 20, 2009

D93 NON-PULMONARY PROBLEMS IN THE INTENSIVE CARE UNIT 1:30 PM - 4:00 PM

Poster Discussion Sessions

Sunday, May 17, 2009

A24 MECHANISMS OF SEPSIS 8:15 AM - 10:45 AM

Monday, May 18, 2009

B105 MECHANICAL VENTILATION: MODES: WEANING AND MONITORING 1:30 PM - 4:00 PM

B106 MECHANISMS OF VENTILATOR ASSOCIATED LUNG INJURY 1:30 PM - 4:00 PM

Tuesday, May 19, 2009

C104 ETHICS IN CRITICAL CARE 1:30 PM - 4:00 PM

Wednesday, May 20, 2009

D23 INTENSIVE CARE UNIT OUTCOMES 8:15 AM - 10:45 AM

D24 CARDIO-PULMONARY INTERACTION IN INTENSIVE CARE UNIT 8:15 AM - 10:45 AM

Thematic Poster Sessions

Sunday, May 17, 2009

A41 CLINICAL TRIALS IN INTENSIVE CARE UNIT 8:15 AM - 4:00 PM

A42 MONITORING IN THE INTENSIVE CARE UNIT 8:15 AM - 4:00 PM

Monday, May 18, 2009

B42 NONINVASIVE VENTILATION 8:15 AM - 4:00 PM

B43 MECHANICAL VENTILATION: APPLICATIONS AND WEANING 8:15 AM - 4:00 PM

B44 ORGANIZATION AND GUIDELINES IN THE INTENSIVE CARE UNIT 8:15 AM - 4:00 PM

Tuesday, May 19, 2009

C54 ACUTE LUNG INJURY/ACUTE RESPIRATORY DISTRESS SYNDROME: DIAGNOSIS AND OUTCOMES 8:15 AM - 4:00 PM

C55 MECHANICAL VENTILATION: PHYSIOLOGY 8:15 AM - 4:00 PM

C56 SEPSIS: FROM BENCH TO THE BEDSIDE 8:15 AM - 4:00 PM

Wednesday, May 20, 2009

D38 PEDIATRIC CRITICAL CARE 8:15 AM - 4:00 PM

D39 RISK FACTORS IN THE INTENSIVE CARE UNIT 8:15 AM - 4:00 PM

Planning Committee Update

Anthony F. Suffredini, MD, Chair

The Planning Committee under the leadership of Anthony Suffredini reviewed 7 proposals submitted by our Assembly for ATS funding. Four of these proposals were directly from Critical Care Assembly and three were submitted in conjunction with other assemblies.

A workshop entitled “Acquired Weakness in Critical Illness: Assessments, Definitions, and Interventions”, submitted by Naeem Ali, MD, was endorsed and approved for funding for 2009. The International Consensus Conference on “Therapeutic Hypothermia: To Cool or not to Cool”, submitted by Lluís Blanch, was endorsed and approved for funding for 2009. A course on “Optimizing Pulmonary, Sleep, and Critical Care Therapies When Resources Are limited”, submitted by Amal Jubran, MD in collaboration with the Clinical Problems and Sleep and Neurobiology Assemblies, was strongly endorsed by the Planning Committee but was not approved for funding by the Program Review Subcommittee. A proposal “Ethics of Cost Containment in Acute Care Medicine”, submitted by Michael Rie, MD, was reviewed by the committee and recommendations for further refinement of the proposal were provided.

Website Update

David Kaufman, MD, Web Director

Under the leadership of David Kaufman, our Web Director, the Critical Care Website continues to be a major source of communication and education to the membership. Critiques of original articles dealing with acute respiratory failure, mechanical ventilation, basic and translational science, general critical care, surgical critical care and pediatric critical care are published on a regular basis. In addition, we have introduced Live Chat discussions in which readers can participate in a discussion online with the author of a particular paper. These live chats generated spirited discussions among participants (see <http://www.thoracic.org/sections/clinical-information/critical-care/journal-club/nov-2008.html>). We strongly encourage members to log on Critical Care Journal Club and participate in our next Live Chat.

The Critical Care Clinical Cases section of the website has been revived under the leadership of Nitin Seam – Associate Director of the Website. Esophageal perforation after sexual intercourse, the development of ARDS after lobectomy, or the interpretation of diagnostic tests when evaluating abdominal pain are some of the cases that are currently posted on the **Critical Care Cases** website (<http://www.thoracic.org/sections/clinical-information/critical-care/critical-care-cases/index.html>). With the introduction of the ATS Forums, members can send in their comments and critiques about the posted cases.

How to Get Involved in the Critical Care Assembly?

There are several ways in which members can become involved in the Assembly.

Members should make every effort to attend our annual Assembly Membership Meeting during the International Conference. At that meeting, members will be provided with up-to-date information on all Assembly activities and projects. Members can also submit proposals to the Planning Committee Chair and symposia ideas to the Program Committee Chair. We are always looking for volunteers to assist with the website. If you are interested in contributing to Journal Club or Case studies on our website, please let us know. You can contact us at cc@thoraci.org

Please Attend the Critical Care Assembly Membership Meeting

I strongly encourage members to attend the Critical Care Assembly meeting on Monday, May 18 from 4:30 to 6:30 pm. The meeting will be held at the Manchester Grand Hyatt San Diego in the Elizabeth Ballroom E (Second Level).

(Continued on page 5)

Please Attend the Critical Care Assembly Meeting

The election of Assembly officers will take place at this year's Assembly membership meeting. The Nominating Committee, chaired by Lluís Blanch, has developed a list of outstanding candidates for Chairman of Program Committee, and members for the Nominating Committee. So please show up and vote!!

I look forward to seeing all of you in San Diego

Best regards

Amal Jubran (ajubran@lumc.edu)
Assembly Chair

Please consider submitting an Assembly/Committee Project Application for funding in FY2010!

This year we will once again use an **Online Application Process** using an electronic grants submission site called proposalCENTRAL. All interested applicants must submit their Assembly/Committee Project Applications online through proposalCENTRAL. To avoid being rushed at deadline time, applicants are encouraged to register and complete a professional profile at proposalCENTRAL as early as possible.

There will be a link to proposalCENTRAL on the ATS homepage at www.thoracic.org along with comprehensive instructions that have been designed to correspond with the fields in the online application. Please consider submitting an online application for an Assembly/Committee project. If you have a suggestion for a project application and you need assistance, please contact your Assembly Planning Committee chair Shannon S. Carson at scarson@med.unc.edu.

Please contact Miriam Rodriguez with any questions at tel: 212/315-8639 or email: mrodriguez@thoracic.org.

Patients to Speak at Fifteen Designated ATS International Conference Symposia

The ATS Public Advisory Roundtable (ATS PAR) has selected patients to provide a patient perspective at fifteen symposia at the 2009 ATS International Conference Symposia. This concept has worked exceptionally well within the format of the PAR Symposium for the last seven years as well as at an increasing number of sessions at ATS International Conferences from 2004 to 2008.

This is the sixth year that patient speakers will participate within the Assemblies' Symposia. The patients will make a five-minute presentation to offer insight into their personal journeys. This insight will address diagnosis, treatment, and how the disease has dramatically altered their lifestyle, family, career and relationships. They will share their perspective into what patients would like physicians and researchers to know about physician/patient relationships and the importance and relevance of the work in which investigators and researchers are engaged.

The symposia at which a patient perspective will be presented are listed below:

| ASSEMBLY | SESSION CODE | TITLE | DATE/TIME |
|---------------------|--------------|--|------------------------------------|
| CP/AII | A3 | Controversies In Lung Transplantation: A Pro-Con Debate | Sunday, May 17 8:15 AM-10:45 AM |
| CP/BS/NRSG/ RCMB | A82 | High Impact Disease Modifying Therapies In Advanced COPD: Current Status And Future Directions | Sunday, May 17 1:30 PM-4:00 PM |
| PC/RCMB | A85 | Selective Kinase Or Multikinase Inhibitors In Pulmonary Hypertension | Sunday, May 17 1:30 PM-4:00 PM |

Patients to Speak at Fifteen Designated ATS International Conference Symposia

| ASSEMBLY | SESSION CODE | TITLE | DATE/TIME |
|----------------------------|--------------|---|---------------------------------------|
| SRN | A87 | Sleep-Disordered Breathing Beyond Obesity: The Role Of Gender, Race, And Genetics | Sunday, May 17 1:30 PM-4:00 PM |
| EOH/AII | B9 | Fat And Flow: Implications Of Diet And Obesity For Asthma | Monday, May 18 8:15 AM-10:45 AM |
| CP/AII | B82 | Clinical Problems In Sarcoidosis | Monday, May 18 1:30 PM-4:00 PM |
| PC/AII/CP | C5 | Scleroderma-Related PAH: A Paradigm For Vascular Remodeling | Tuesday, May 19 8:15 AM-10:45 AM |
| SRN | C8 | New Frontiers in the Management of Obstructive Sleep Apnea | Tuesday, May 19 8:15 AM-10:45 AM |
| RCMB/AII/CP/CC/ PC/RSF | C85 | Mechanotransduction In Lung Injury, Repair And Fibrosis: May The Force Be With Us | Tuesday, May 19 1:30 PM-4:00 PM |
| RSF/CP/CC/ NRSG/PC/RCMB | C86 | Causes Of Multi-organ Failure In Critically Ill Septic Patients | Tuesday, May 19 1:30 PM-4:00 PM |
| CP | D2 | Lung Cancer Clinic: State Of The Art | Wednesday, May 20 8:15 AM-10:45 AM |
| CC/CP | D4 | Therapeutic Frontiers In Acute Lung Injury | Wednesday, May 20 8:15 AM-10:45 AM |
| BS/CP/NRSG/ PED/PR | D10 | Medication Availability And Access: Issues Of Value And Affordability | Wednesday, May 20 8:15 AM-10:45 AM |
| RCMB/AII/CP | D89 | Targeting Tumor Microenvironment Interactions In Lung Cancer | Wednesday, May 20 1:30 PM-4:00 PM |
| CC | D93 | Non-Pulmonary Problems in the ICU | Wednesday, May 20 1:30 PM-4:00 PM |

ATS PAR Symposium

The ATS Public Advisory Roundtable (PAR) is pleased to announce the eighth ATS PAR Symposium to be presented at the ATS International Conference in San Diego on Sunday, May 17, 2009 1:30 p.m. – 4:00 p.m.. The topic of the symposium is “Lung Fibrosis” and it will be jointly chaired by David H. Ingbar, M.D. and Donna J. Appell, RN. The program includes the following:

- New Molecular Targets In Pulmonary Fibrosis - P.B. Bitterman, M.D., Minneapolis, MN
- Patient's Perspective - *TBD*
- Lessons From Pulmonary Fibrosis In Hermansky Pudlak Syndrome NHGRI - B.R. Gochuico, M.D., Bethesda, MD
- Genomics And Pulmonary Fibrosis - J.E. Loyd, M.D., Nashville, TN
- Molecular Diagnostics And Biomarkers In IPF - N. Kaminski, M.D., Pittsburgh, PA
- Where Are We With Clinical Trials In IPF? - *TBD*
- Novel Treatments For Pulmonary Fibrosis: Stem Cells And All That Jazz - L.A. Ortiz, M.D., Pittsburgh, PA
- Wrap-Up Interactive Discussion - D.H. Ingbar, M.D., Minneapolis, MN

(Continued on page 7)

ATS PAR Symposium

(Continued from page 6)

The ATS PAR Annual Poster Session will be open from Sunday, May 17 – Tuesday, May 19 2009 in the Exhibit Hall of the San Diego Convention Centre. Public Interest Organizations (PIO's) concerned with lung and sleep disorders will present information about their organizations. A representative from each organization will be present at the poster session to provide additional information.

ATS Public Advisory Roundtable's Third Annual *Breathing Better with the ATS Forum*

This is a forum at which patients will have the unique opportunity to network and learn more about their disease. This year the panelists will focus on oxygen management and quality of life issues.

Panel Includes:

Patrick Strollo, MD
Sam Giordano, MBA, RRT, FAARC
Rell Trey Schwab

If you have any patients in the San Diego area, please encourage them to attend. They will have an opportunity to hear from and network with other patients and experts in the pulmonary community.

May 16, 2009, 1:00 p.m. – 4:00 p.m.

The Manchester Grand Hyatt Hotel located at One Market Place, San Diego, CA
RSVP by: April 30th, 2009 by emailing cwhite@thoracic.org or call
Courtney L. White at (212) 315-8640

Fellows Get First Year of ATS Membership for Free!

ATS is offering a free year of ATS membership to all first-year pulmonology, critical care, sleep fellows and post-doctoral PhD fellows! This special program is intended to welcome fellows to the ATS community. The Society would like these junior entrants to the fields of respiratory medicine to take advantage of the benefits of membership and look to ATS as their professional home for post graduate and continuing medical education, networking on a global scale, and for helping them to serve the needs of patients and the public at large.

Today's fellows will be the research and clinical professionals who will achieve the next major advancement in the science and treatment of pulmonary disease, critical illness and sleep disorders critical to advancing science and practice of the fields.

To learn more about this program, send an e-mail to fellows@thoracic.org or visit the ATS Web site at www.thoracic.org and click "Free Year for Fellows" under the Membership drop down menu. Program directors are encouraged to share this information with their fellows and other colleagues.

ATS Foundation to Host Inaugural Benefit Dinner for the ATS Research Program at ATS 2009 in San Diego

The Board of Trustees of the Foundation of the American Thoracic Society invites you to attend our Inaugural **Gala** Dinner benefiting the ATS Research Program on Saturday, May 16, 2009 in San Diego, California. The **evening** will begin with a **reception** at 7:00 p.m. followed by dinner at 7:45 PM. The **event** will be held at the Manchester Grand Hyatt on the Fourth Level in the Randle Ballroom. During the dinner, we will recognize ATS Research Program **awardees** and honor the **recipients** of the 2009 Breathing for Life Award. Please join us! **Please register early as seating is limited.**

To register for **the conference and reception/dinner** go to:
<http://foundation.thoracic.org/web/ats-research-program-dinner.html>
or call (212) 315-6822 for more information.

CRITICAL CARE ASSEMBLY MEMBERSHIP MEETING

MONDAY MAY 18TH 4:30-6:30 PM
MANCHESTER GRAND HYATT SAN DIEGO
ELIZABETH BALLROOM E (SECOND LEVEL)