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CTS NEWS

President's Message



By Christine Garvey, CTS President

CTS continues to build its strength in providing cutting edge meetings, leading advocacy for CA pulmonary clinicians and patients and providing a forum for clinicians to interface, learn and help others. We are grateful for the important activities of our committees. Four brief committee updates are below.



- **Education committee** lead by Philippe Montgrain, MD, UCSD with co-chairs Lorriana Leard MD, UCSF and Shazia Jamil MD, Scripps Clinic and UCSD have completed work on the successful Carmel meeting and are planning the southern CA meeting as well as Carmel 2018. A 'save the date' reminder for the fall meeting will be sent out in the near future. Congratulations to Shazia Jamil who was lead author of Diagnosis of Tuberculosis in Adults and Children: A clinical practice guideline summary for clinicians in the [Annals of the ATS](#).
- **Pediatrics committee** led by DJ Kaley, RN, Lucille Packard / Stanford has added two esteemed members: Cheryl D. Lew, MD, MEd, MSBioethics at Children's Hospital Los Angeles and Keck School of Medicine at USC, and Daniel Lesser MD, Rady Children's Hospital and University of California, San Diego.
- **CTS Healthcare Policy** lead by James Brown, MD SF VA and UCSF. Jim has been recently joined by Lekshmi Santhosh MD, pulmonary fellow at UCSF and DV Nguyen, pulmonary fellow at UC Davis. Jim, Lekshmi and DV are working hard to address the challenges we face from a legislative, public health and advocacy standpoint. Lekshmi will be one of two pulmonary fellows representing ATS at the upcoming Hill Day in Washington, D.C on March 29, 2017.
- **Clinical Practice committee** with Russell Klein, MD, Newport Beach, California, as chair is exploring a discussion forum for CTS members to review HIPPA protected cases and get input from our professional community.

We are grateful to all our committee and individual members for their work to improve the science and practice of pulmonary care and help with CTS! We welcome and appreciate your thoughts on improving CTS. Please contact us at info@calthoracic.org.

Website Update:

[New Job Posting!](#) (Jobs Board is password protected)

[Join/Renew your Membership!](#)

Sepsis: NEW Definition and Criteria



By Giang T. Le, MD¹ and Carolyn S. Calfee, MD MAS^{1,2}

Affiliations: ¹Department of Anesthesia, University of California, San Francisco; ²Department of Medicine, University of California, San Francisco

- A task force convened by the Society of Critical Care Medicine and the European Society of Intensive Care Medicine in 2014 set out to develop new definitions and criteria for sepsis, in order to improve consistency and to better identify patients with suspected infection who are likely to progress to a life-threatening state.
- Sepsis is now defined as the presence of life-threatening organ dysfunction caused by a dysregulated host response to infection.
- Organ dysfunction can be defined as an acute change in the Sequential Organ Failure Assessment (SOFA) score of ≥ 2 .
- Septic shock can be identified when there is sepsis with persistent hypotension requiring vasopressors to maintain MAP ≥ 65 mmHg and a serum lactate level of > 2 mmol/L despite adequate fluid resuscitation.
- To promptly identify patients with suspected infection who are likely to have poor outcomes, a quick SOFA (qSOFA) score of ≥ 2 can be used at the bedside. The three qSOFA criteria are: (1) alteration of mental status, (2) systolic blood pressure of ≤ 100 mmHg, and (3) respiratory rate ≥ 22 /min.



READ MORE

Register for the NAMDRC Annual Meeting in Napa Valley — March 23-25



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NAMDRC



Come join NAMDRC in Napa Valley, California for our 40th Annual Meeting and Educational Conference at The Meritage Resort! The conference dates are March 23-25. This conference is for respiratory care, pulmonology and sleep medicine practitioners and offers up to 13.50 continuing educational credits to all physicians, nurses and pharmacists. This event is rapidly approaching, but there is still time to register. To view the program and register, simply go to www.namdr.org and click on the red "NAMDRC 2017 Conference" icon.

Register for the Loma Linda University Lung Diseases, Critical Illness and Sleep Disorders Symposium — March 31, 2017



CTS

The Lung Critical Illness and Sleep Disorder (LuCIS) symposium at Loma Linda University, is now open for registration. The 1st Annual LuCIS Symposium will take place on March 31, 2017. This comprehensive educational program will highlight recent advances in the diagnosis and treatment of lung diseases, critical illness and sleep disorders. National and local experts in pulmonary, critical care and sleep medicine will discuss various topics, guidelines and cutting edge technology for these conditions. See more by clicking on the link to view the PDF brochure.

Target Audience

This educational activity is directed toward Physicians, Pharmacists, Respiratory Therapists, Behavioral Health Professionals, Psychologists, Nurse Practitioners, Nurses, Physician Assistants, Residents, Fellows and Students.

[Click here to learn more.](#) [Register online here.](#) Select calendar and March.

Save the Date for the California Society for Respiratory Care State Convention on June 13-15, 2017



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*Professionalism • Advocacy
Commitment • Excellence*

The California Society for Respiratory Care (CSRC) represents the 24,000 respiratory care practitioners in California and strives to promote best practice through the provision and sponsorship of education programs. This year the CSRC Annual Convention promises to deliver as one of the best educational opportunities for pulmonary clinicians. Topics will include ventilation strategies, OSA, Ecigs, inhaled vasodilators, ECMO, lung ultrasound and much more. Save the date for June 13-15 to join your colleagues at Harrah's Resort Southern California. More information, including a preliminary agenda, registration and hotel reservations can be obtained by visiting the [CSRC website](#).



NEWS

Asthma much more lethal for black children, study finds



HealthDay News

Asthma attacks can prove deadly to kids, but a new study shows that black American children are six times more likely to die of the illness than their white or Hispanic peers. The gap in death rates "may imply a differential access to care" based on a family's race, according to the study.

Eating fruits and vegetables reduces lung disease risk



Medical News Today

Research published recently in the journal Thorax finds a link between eating greater quantities of fruits and vegetables and lung health. They found it lowered the risk of developing chronic obstructive pulmonary

disease in former and current smokers. [READ MORE](#)

Hypotonic saline treatment no more efficient before than during airway clearance in CF



Cystic Fibrosis News Today

Treatment with hypotonic saline administered before airway clearance is no more effective than when administered during airway clearance in cystic fibrosis patients, according to a recent study. Current guidelines call for the procedure to be done before, rather than during, airway clearance, though some experts disagree.

[READ MORE](#)

Software quantifies emphysema on MDCT images



AuntMinnie.com

An automated software algorithm can be used to quantify emphysema on MDCT studies, offering providers a useful tool for diagnosis and follow-up of chronic obstructive pulmonary disease, according to research presented on March 2 at ECR 2017. [READ MORE](#)

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Nasal swab shows promise in confirming lung cancer



HealthDay News via WebMD

Lung cancer remains by far the leading cancer killer because it is so often caught too late. But researchers now say it may someday be possible to quickly confirm the disease after a CT scan, by using a simple nasal swab. The key is DNA-based "biomarkers" in the nasal passages that appear to reveal whether a lung lesion is cancerous or not. [READ MORE](#)

Cigarette smoke blocks lung's self-healing



The Medical News

Smoke from cigarettes blocks self-healing processes in the lungs and consequently can lead to chronic obstructive pulmonary disease. Researchers have reported this in the American Journal of Respiratory and Critical Care Medicine. [READ MORE](#)

Treatment seen to lessen fibrotic scarring that causes lung transplants to fail



Lung Disease News

Treatment may be able prevent the progressive accumulation of scar tissue (fibrosis) in newly transplanted lungs that eventually cause those organs to fail, researchers at the University of Michigan report. The study was published in the Journal of Clinical Investigation. [READ MORE](#)

Obesity may raise girls' risk of asthma, allergies



HealthDay News

Obese girls may face a significantly higher risk for developing allergies, a new study suggests. But the researchers found the opposite was true for obese boys: They may actually face a slightly diminished risk for asthma, food allergies and eczema when compared to normal-weight boys. [READ MORE](#)

TRENDING ARTICLES

Missed last week's issue? See which articles your colleagues read most.

- [Register for the Loma Linda University Lung Diseases, Critical Illness and Sleep Disorders Symposium — March 31, 2017](#) (CTS)
- [Register for the NAMDRG Annual Meeting in Napa Valley — March 23-25](#) (CTS)

- [Save the Date for the California Society for Respiratory Care State Convention on June 13-15, 2017](#) (CTS)
- [President's Message](#) (CTS)

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