



TSDA

Thoracic Surgery Directors Association

Weekly Curricula

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John Calhoun, Curt Tribble

TSDA General Session/Program Directors
Workshop
January 24, 2009



PRE-REQUISITE READING Talk

Cardiologic Interventional
Therapy for Atrial and
Ventricular Arrhythmias,
Cardiac Surgery in the Adult



CORE CURRICULUM

Cardiac: Aortic Disease

Talk

[Spinal Cord Protection During Aortic Surgery](#) - Curt Tribble, MD

Readings

[Descending and Thoracoabdominal Aneurysm](#), by Coselli, J.S.
Cardiac Surgery in the Adult.

Thoracoabdominal Aneurysms (Spinal Cord Protection),
Johns Hopkins Manual of Cardiothoracic Surgery, 2007.

Additional Reading

[Preservation of Intercostal Arteries during Thoracoabdominal Aortic Aneurysm Surgery: A Retrospective Study](#); Ross, S.E., et al,
The Journal of Thoracic and Cardiovascular Surgery, 1999, 118:17-25.



Thoracic: Mediastinal Tumors

Talk:

[Surgical Management of Thymoma](#) - Cam Wright

Readings:

Thymic Tumors, Chapter 173, pp 2581-2603, in Shields, *General Thoracic Surgery*, 2005.

[Thymoma and Myasthenia Gravis: A Clinical Study of 1,089 Patients from Japan,](#)

The Annals of Thoracic Surgery 2005; 79:219-224.

Thoracic Reading

[Appropriate Ventilatory Settings for Thoracic Surgery: Intraoperative and Postoperative](#), in *Seminars in Cardiothoracic and Vascular Anesthesia*, 2008; 12:97-108. Abstract attached. *(A concise review of all aspects of mechanical ventilation applicable to thoracic surgery patients..... Brief and excellent coverage of the basics.)*

Additional Thoracic Readings

[Improved Extubation Rates and Earlier Liberation from Mechanical Ventilation With Implementation of a Daily Spontaneous-Breathing Trial Protocol](#), by Robertson, T.E., et al: in *Journal of the American College of Surgeons*, 2008; 206:489-495. *(From a very experienced SICU group; dramatic improvement in extubation success in surgical ICU patients using a daily spontaneous breathing trial (SBT.)*

[Pathogenesis and Management of Respiratory Insufficiency Following Pulmonary Resection](#), by Zwischenberger, J.B., in *Seminars in Surgical Oncology*, 2000; 18:183-196. Abstract attached. *(A comprehensive review; focuses on problems encountered after lung resections.)*

[Weaning From Mechanical Ventilation-Review](#), in *Critical Care*, 2000; 4:72-80. *(An excellent review of recommendations from weaning studies, including a good algorithm for ventilator weaning in the context of modern trial data.)*

ADDITIONAL READINGS & RESOURCES

The following three articles address the need for an awareness of and responsiveness to the larger context and systems of health care (and are meant to help address the ACGME competency of Systems-based Practice):

- [Guilty, Afraid, and Alone - Struggling with Medical Error](#), by Delbanco, T. and Bell, S.K., in *The New England Journal of Medicine* (October 25); 2007;357 (17):1682-1683.
- [The American Health Care System and the Role of the Medical Profession in Solving Its Problems](#), by Mayer, J., *The Annals of Thoracic Surgery* (November) 2007;84-1432-1434.
- [The Emerging Specialty of Cardiothoracic Surgical Critical Care: The Leadership Role of Cardiothoracic Surgeons on the Multidisciplinary Team](#), Katz, N.M., *The Journal of Thoracic and Cardiovascular Surgery*, November 2007; 134: 1109-1111.

weekly email archive



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2009

- [Week of January 7, 2008](#)
- [Week of January 14, 2008](#)

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- [Week of July 16, 2007](#)
- [Week of July 23, 2007](#)
- [Week of July 30, 2007](#)
- [Week of August 6, 2007](#)
- [Week of August 13, 2007](#)
- [Week of August 20, 2007](#)
- [Week of August 27, 2007](#)

the cycle (at the national level):

- the tentative email goes out on Tuesday
- the final version goes out on Thursday
- the email is archived on the TSDA web site

the cycle (at our local level):

- * we have a secondary list of recipients
- * we send out a PDF of readings to all



What do you need to do this in your institution?

- Need to be able to gather a 'quorum'
- A computer with a screen large enough for room
- A few texts (Johns Hopkins Manual, Shields)
- A scanner
- A handful of faculty who'll commit to coming



our conference schedule:

- thoracic on Monday
- cardiac on Thursday
- other days for M&M, cath conf, etc

3 things you never want to hear:

*some assembly required.

*what's her (his) name?

* we need to talk...



our goal:

to start and maintain a conversation...

Other spin-offs...

Team excitement and conversations

Easy involvement of many others

Occasional debates

Circulation of classic articles

Development of electronic library

who's working on the curriculum?

Editorial Board:

Calhoun, Puckett, Winer, Tribble, Harman

Thoracic: Dan Miller, et al

Congenital: Hal Walters, et al

Cardiac: Thourani, Meldrum, Reddy, Walker, Lee,
Shemin, Harman, Tribble

expected changes:

- podcasts
- search for the 'classics'
- negotiation with publishers (journals, texts, etc)
- new emphasis on critical care
- synching with ITE
- possible move to a 3 year cycle



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what help do we need?

- get everyone signed up (tsda@tsda.org)
- feedback on emails, talks, other content
- volunteers to help with creating new material (C. ribble, D. Miller, H. Walters)
- 'reports from the front'



tsda@tsda.org