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John Calhoun, Curt Tribble

TSDA General Session, May 2009 @ AATS



PRE-REQUISITE READING

Risk Modeling and Outcomes Analysis, by Shahian, D.M., Edwards, F.H., in *The Annals of Thoracic Surgery*, November 2008; 86:1717-1720.

What is the value of a p Value?, by Grunkemeier, G Wu, Y, Furnary, A, *The Annals of Thoracic Surgery*, May 2009; 87: 1337-1343



CORE CURRICULUM

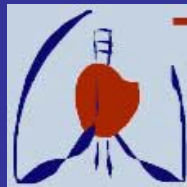
Cardiac Topic: Post-Infarction VSD and Ventricular Rupture

Cardiac Talk

Post Infarct VSD - Richard Shemin, MD

Cardiac Reading

Treatment of Complications of Acute MI: Postinfarction VSD and Free Wall Rupture, Chapter 29, pp 753-779, by Agnihotri, A, Madsen, J, Daggett, W, in *Cardiac Surgery in the Adult, Third Edition*, Cohn, L, 2008.



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Weekly Curricula

Postinfarction VSD: Repair by Endocardial Patch with Infarct Exclusion by David, T.E., Dale, L., Sun, Z., in the *Journal of Thoracic and Cardiovascular Surgery*, 1995; 110:1315-1322.

(The single patch technique with excellent illustrations of both anterior and posterior wall infarct repairs. Glutaraldehyde-fixed bovine pericardium is recommended. Important comments by Dr. William Daggett and Dr. Vincent Dor at the end of the article.)

Repair of Postinfarction Ventricular Septal Defect, by David, T.E., in *Operative Techniques in Cardiac and Thoracic Surgery*, Volume 2, 1997:170-178.

(Excellent illustrations and operative photographs of the single patch, infarct exclusion technique.)

Surgery for Post-Infarction VSD: Double Patch and Glue Technique for Early Repair, by Deville, C., Labrousse, L., Choukroun, E., Madonna, F., in *Multimedia Manual of Cardiothoracic Surgery* (MMCTS), April 25, 2005.



Thoracic Topic: Esophageal Motility Disorders - Reoperation

Thoracic Talk:

Reoperations for Motility Disorders - Alex Little, MD

Thoracic Reading:

Esophageal Motility Disorders, Chapter 141, pp 2146-2160, by Wright, C, in *General Thoracic Surgery, Sixth Edition*, Shields, T, LoCicero, J, Ponn, R, Rusch, V, Lippincott Williams & Wilkins, 2005.

Additional Thoracic Readings

Persistent and Recurrent Achalasia after Heller Myotomy: Analysis of Different Patterns and Long-Term Results of Reoperation, by Gockel, I, et al *Archives of Surgery*, 2007; 142:1093-1097.
(A unique single surgeon experience over 20 years, presents patient manometry, esophagography, luminal dimensions, symptomatology and surgical recommendations for Type I and Type II recurrence.)



Thoracic Reading/Critical Care Topics

Appropriate Ventilator Setting for Thoracic Surgery, 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 Daily Spontaneous Breathing Trials, by Robertson et al: *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).)

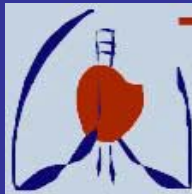
Pathogenesis and Management of Respiratory Insufficiency Following Pulmonary Resections, by Zwischenberger, J, in *Seminars in Surgical Oncology*, 2000; 18:183-196.
(A comprehensive review; focuses on problems encountered after lung resections.)

Weaning From Mechanical Ventilation: A 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 and Bell, 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.



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Weekly Curricula

Weekly E-mail Archive

2008

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

2007

- [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.org



The cycle (at the 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 will commit to attending



A suggested conference schedule:

- Thoracic on one day
- Cardiac on another
- Other days for M&M, cath & pulmonary conf, etc



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':

Calhoon, Puckett, Winer, Tribble, Harman

Thoracic: Dan Miller, et al

Congenital: Hal Walters, et al

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



Future directions:

- Podcasts
- Search for the 'classics'
- Negotiation with publishers (journals, texts, etc)
- Increased emphasis on critical care
- Synch with ITE



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. Tribble, D. Miller, H. Walters)
- Reports 'from the front'



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 ...



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