



TSDA Weekly Curricula

Thoracic Surgery Directors Association

TSDA Weekly Curricula for the week of **December 7, 2009**.

Week 20 of 88, Year 1

To ensure you continue to receive timely TSDA news, or to provide another e-mail address for the TSDA Weekly Curricula, please forward contact information to tsda@tsda.org.

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Welcome to Week 20, Year 1 of the TSDA Weekly Curricula. The Curricula is based on an 88-week lesson plan presented over two years (44 weeks per year). You can expect to receive TSDA Weekly Curricula e-mail messages every Thursday for the upcoming week, with the exception of holiday weekends. The weekly assignments are a supplement to your residency curriculum and include pre-requisite basic readings for newly-matched residents, as well as core curriculum topics with more extensive and in-depth materials for CT surgery residents. TSDA hopes the Weekly Curricula expands your current knowledge base and enhances your learning experience.

PRE-REQUISITE READING

Preoperative Diagnostic Evaluation, Chapter 4, pp 49-73, by Pahl E, Deal BJ, Webb CL, in *Pediatric Cardiac Surgery, Third Edition*, Mavroudis C, Backer C (eds), Mosby, 2003.

CORE CURRICULUM

Cardiac Topic: Congenital: Tricuspid Atresia

Cardiac Talks*

- [Tricuspid Atresia and Fontan Operation](#) – Thomas L. Spray, MD
- [Single Ventricle Syndromes](#) – John Mayer, MD
- [Tricuspid Atresia and Functional Single Ventricle Cardiac Lesions](#) – Joseph Forbess, MD

*Mac, Firefox, Safari, and Windows Vista users may experience difficulty loading talks. TSDA recommends viewing talks with Windows Explorer on a PC running Windows 2007 or XP.

Cardiac Reading

- Tricuspid Atresia and the Functionally Single Ventricle, Chapter 69, pp 1241-1249, by Doorn CA, de Leval MR, in *The Johns Hopkins Manual of Cardiothoracic Surgery*, New York, McGraw-Hill, 2007.

Thoracic Topic: Lung Infections and Massive Hemoptysis

Thoracic Talk*

- [Massive Hemoptysis](#) – M. Blair Marshall, MD

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Thoracic Reading

- Massive Hemoptysis, Chapter 27, pp 717-735, by Guimaraes CA, in *Thoracic Surgery, Second Edition*, Pearson FG, Cooper JD, DesLauriers J, Ginsberg RJ, Heibert G, Patterson GA, Urschel HC, (eds), New York, Churchill Livingstone, 2002.

Additional Thoracic Readings

- [Surgical Lung Resection for Severe Hemoptysis](#), by Andr ejak C, Parrot A, Bazelly B, Ancel PY, Djibr  M, Khalil A, Grunenwald D, Fartoukh M, in *The Annals of Thoracic Surgery*, 2009; 88:1556-1565.
- [Invited Commentary](#), by Wan S, Yim APC, in *The Annals of Thoracic Surgery*, 2009; 88:1565.
- [Role of MDCT in Identification of the Bleeding Site and the Vessels Causing Hemoptysis](#), by Khalil A, Fartoukh M, Tassart M, Parrot A, Marsault C, in *American Journal of Roentgenology*, 2007; 188:W117-W125.
(A good presentation of the evolving technology for diagnosis and management of hemoptysis.)
- [Bronchial and Nonbronchial Systemic Arteries in Patients with Hemoptysis: Depiction on MDCT Angiography](#), by Chung MJ, Lee JH, Lee KS, Yoon YC, Kwon OJ, Kim TS, in *American Journal of Roentgenology*, 2006; 186:649-655.
(This pictorial essay demonstrates the usefulness of MDCT angiography for visualization of the bronchial and nonbronchial systemic feeder vessels responsible for hemoptysis. Using thin-section transaxial, multiplanar reconstruction, and 3D images, CT angiography using MDCT allows comparable or better images than conventional angiography with respect to the depiction of bronchial or nonbronchial systemic arteries. CT angiography is particularly useful for visualizing the ectopic origin of bronchial arteries and nonbronchial systemic collateral arteries. Bronchial artery embolization is regarded as the therapeutic method of choice for the management of massive hemoptysis and rapid identification.)

Critical Care Reading

- [Simplified Management of Hemodialysis-Dependent Patients Undergoing Cardiac Surgery](#), by Takami Y, Tajima K, Okada N, Fujii K, Sakai Y, Hibino M, Munakata H, MD, in *The Annals of Thoracic Surgery*, 2009; 88:1515-1519.

ADDITIONAL RESOURCES

- **Attention program directors, faculty and residents:** If you know of a curriculum topic for which you would like to create a talk, the TSDA Curriculum Committee encourages such contributions. [Instructions for creating and submitting a talk can be found on TSDA.org](#). Submissions prepared according to these instructions will be reviewed by the TSDA Curriculum Committee Editorial Board.
- View the [88-week core curriculum](#). The schedule is currently in Week 20 of 88, Year 1.
- A complete listing of TSDA Weekly Curricula cardiac and thoracic [talks and readings](#) is posted on TSDA.org. Talks and readings reflect the 88-week core curriculum. Content is subject to change.
- View TSDA Weekly Curricula [Readings and References](#).
- View TSDA Weekly Curricula [E-mail Archive](#).
- View [open CT surgery residency positions](#) on TSDA.org.
- View [2010 CT surgery residency interview dates](#) on TSDA.org

- Access the TSDA [Education Universe](#).

NEWS & INFORMATION

- **Attention residents:** The TSRA/TSDA **2010 Cardiothoracic Technology Symposium** will be held April 23-25, 2010 at the University of Cincinnati Center for Surgical Innovation and Kingsgate Marriott Hotel. The CT Symposium consists of didactic sessions, unique hands-on cadaver and animal laboratory experiences, and porcine cardiac wet labs. Didactic components feature practical information from speakers who are acknowledged experts in their respective fields. Registration is free and will open in early 2010. For more information, visit www.ctsymposium.org.
- **TSDA General Session** will be held on Saturday, January 23, 2010 from 1:00 p.m. - 4:00 p.m. in Ft. Lauderdale, FL. Visit the [General Sessions section of TSDA.org](#) to view the preliminary meeting agenda.
- **TS-RACS Annual Meeting** will be held on Sunday, January 24, 2010 from 8:00 a.m. - 4:00 p.m. in Ft. Lauderdale, FL. Visit the [Coordinators and Administrators section of TSDA.org](#) to view the preliminary meeting agenda.
- **AATS 2010 Annual Meeting** will be held May 1-5, 2010 in Toronto, Ontario, Canada. Registration and housing is now open. Visit www.aats.org/annualmeeting to learn more.
- Aortic Symposium 2010 will be held April 29-30, 2010 in New York City. Abstract deadline is December 11, 2009. Registration and housing is now open. Visit www.aats.org/aortic to learn more.
- **The TSDA In-Training Exam** will be held April 10, 2010 with a back up date of April 17, 2010. Registration materials will be mailed to Program Directors in early 2010.
- **STS 46th Annual Meeting** Registration and Housing Now Open: The STS 46th Annual Meeting will be held January 25-27, 2010 in Ft. Lauderdale, FL. [Become a fan of the STS 46th Annual Meeting on Facebook](#).
- Please contact Beth Winer at bwiner@tsda.org if you have comments or suggestions for the TSDA Weekly Curricula.

The next message will be sent on December 10 for the week of December 14.

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