



TSDA Weekly Curricula E-mail for the week of **September 15, 2008**.

Week 53, Year 2

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

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Welcome to Week 53, Year 2 of the TSDA Weekly Curricula. You can expect to receive TSDA Weekly Curricula e-mail messages each 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

- Esophageal Anatomy and Function, Volume 1, Chapter 33, pp 547-565, by Lipham, J.C., DeMeester, T.R., in *Sabiston & Spencer Surgery of the Chest, Seventh Edition*, Sellke, F., DelNido, P., and Swanson, S. (eds), Elsevier/Saunders, 2005.
- Physiology and Physiologic Studies of the Esophagus, Volume 2, Chapter 125, pp 1905-1921, by Duranceau, A.C.H., Ferraro, P., in *General Thoracic Surgery, Sixth Edition*, in Shields, T.W., LoCicero, J., Ponn, R.B., (eds), Lippincott Williams & Wilkins, 2005.

CORE CURRICULUM

Cardiac: Congenital Vascular Rings, Slings and Diverticula

Talk

- [Vascular Rings / Anomalies Causing Tracheo-Esophageal Compression](#) – Ronald K. Woods, MD

Reading

- Vascular Rings and Pulmonary Artery Sling, Chapter 75, pp 1337-1351, by Woods, R.K., in *The Johns Hopkins Manual of Cardiothoracic Surgery*, New York, McGraw-Hill, 2007.

Additional Cardiac Readings

- [Vascular Rings: 10-year Review of Imaging](#), by Lowe, G.M., Donaldson, J.S., Backer, C.L., in *RadioGraphics*, 1991; 11: 637-646.
(The vascular rings and slings are best understood through an awareness of aortic arch development. Dr. Carl Backer's drawings and description of the embryologic arch help one appreciate how and where the trachea and/or esophagus are

compressed, and by which anomalies. Radiographic correlation is enhanced by numerous images. The discussion of considerations for operative approach – left vs. right chest – is very important to understand.)

- [Congenital Anomalies of the Tracheobronchial Tree, Lung, and Mediastinum: Embryology, Radiology and Pathology](#), by Berrocal, T., Madrid, C., Novo, S., Gutiérrez, J., Arjonilla, A., Gómez-León, N., in *RadioGraphics*, 2004; 24: e17; published online as 10.1148/rg.e17.

(The last section of this radiographic essay is titled "Vascular Anomalies", presenting excellent images of tracheal and esophageal compression and distortion caused by the classic double arch, other typical complete rings, and partial rings produced by the right-sided aortic arch, retroesophageal left subclavian artery, Kommerell diverticulum, left pulmonary artery sling, and other vascular combinations.)

- [Congenital and Acquired Pulmonary Artery Anomalies in the Adult: Radiologic Overview](#), by Castaner, E., Gallardo, X., Rimola, J., Pallardo, Y., Mata, J., Perendreu, J., in *RadioGraphics*, 2006; 26:349–371.

(Multiple images and drawings of typical left pulmonary artery sling.)

Thoracic: Endoscopy-Upper Airway

Talk

- [Laryngoscopy and Intubation](#) – Douglas E. Wood, MD

Reading

- Bronchoscopic Evaluation of the Lungs and Tracheobronchial Tree, Chapter 16, pp 284-297, by Warren, W.H., Fabe, L.P., in *General Thoracic Surgery, Sixth Edition*, Shields, T.W., LoCicero, J., Ponn, R.B. (eds), Philadelphia, Lippincott Williams & Wilkins, 2005.

ADDITIONAL RESOURCES

- **New!** Second Quarter 2008 Congenital and Thoracic [Literature Watches](#) are now available on CTSNet. These pages include pertinent articles on congenital and thoracic topics appearing in medical and surgical journals other than those found on CTSNet.
- A complete listing of Year 1 and Year 2 TSDA Weekly Curricula Prerequisite, Cardiac and Thoracic [talks and readings](#) have been posted on TSDA.org. Talks and readings reflect the recently revised 88-week curricula. Please note content is subject to change.
- The [88-week core curriculum](#) is posted on TSDA.org. The schedule is currently in Week 53, Year 2.
- View TSDA Weekly Curricula newly revised [Readings and References](#) list.
- View the TSDA Weekly Curricula [E-mail Archive](#).
- Access the complete [TSDA Education Universe](#).

TSDA NEWS

- **Grants Available for Geriatrics Training.** The American Geriatric Society (AGS), Atlantic Philanthropies and the John A. Hartford Foundation is offering up to 10 two-year Dennis W. Jahnigen Career Development Scholar Awards designed to support junior faculty to initiate and ultimately sustain a career in research and education in the geriatric aspect of their discipline. The application deadline is December 9, 2008. In addition, the AGS is offering Geriatrics for Specialty Residents grants to provide support to develop or support geriatrics teaching in residency programs. The application deadline is March 4, 2009. For more information about these grants, visit the Geriatrics-for-Specialists section of www.americangeriatrics.org.
- **TSDA Hosts CT Surgery [Boot Camp](#).** Visit TSDA.org to learn more about TSDA's inaugural Boot Camp and see photos of this unique event.

- **Save the Dates!** The winter TSDA General Session will be held Saturday, January 24, 2009 from 1-4pm at the Moscone West Convention Center in San Francisco (in conjunction with the STS Annual Meeting). The spring TSDA General Session will be held Saturday, May 9, 2009 from 3-6pm in Boston (in conjunction with the AATS Annual Meeting). Watch TSDA.org for more information.
- Please contact Beth Winer at bwiner@tsda.org if you have comments or suggestions for the TSDA Weekly Curricula.

Next week's e-mail message will be sent on September 18.

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