



TSDA Weekly Curricula

Thoracic Surgery Directors Association

TSDA Weekly Curricula for the week of **March 8, 2010**.

Week 31 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 31, 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

[Cardiac Surgical Pharmacology](#), Chapter 4, pp 77-109, by Levy JH, Tanaka KA, Bailey JM, in *Cardiac Surgery in the Adult, Third Edition*, Cohn LH (ed), New York, McGraw-Hill, 2008.

CORE CURRICULUM

Cardiac Topic: Cardiac Trauma

Cardiac Talk*

- [Cardiac Trauma](#) – J. Nilas Young, 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

- [Cardiac Trauma](#), by Embrey R, Ferguson MK (ed), in Thoracic Trauma edition in *Thoracic Surgery Clinics*, 2007, 17:87-93. Abstract attached.

Additional Cardiac Reading

- [Clinically Significant Blunt Cardiac Trauma: Role of Serum Troponin Levels Combined with](#)

[Electrocardiographic Findings](#), by Salim A, Velmahos GC, Jindal A, Chan L, Vassiliu P, Belzberg H, Asensio J, Demetriades D, in the *Journal of Trauma*, 2001; 50:237-243. Link to issue attached. (When serum cardiac troponin I [cTnI] and electrocardiogram [ECG] were both abnormal, the positive predictive value of cardiac injury was only 62%, but when both were negative the predictive value for absence of injury was 100%. "Patients with an abnormal ECG and cTnI need close monitoring for at least 24 hours. Patients with a normal admission ECG and cTnI can be safely discharged in the absence of other injuries.")

Thoracic Topic: Trachea: Resection/Repair for Benign Disease, Iatrogenic Injury, and Trauma

Thoracic Talk*

- [Tracheobronchial Trauma](#) – Cameron Wright, MD

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Thoracic Readings

- Management of Non-Neoplastic Diseases of the Trachea, Chapter 77, pp 1047-1060, by Grillo HC, in *General Thoracic Surgery, Sixth Edition*, Shields TW, LoCicero J, Ponn RB, Rusch V (eds), Lippincott Williams & Wilkins, 2005.
- [Traumatic Injury to the Trachea and Bronchus](#), by Karmy-Jones R, Wood DE, Ferguson MK (ed), in *Thoracic Surgery Clinics*, 2007, 17:35-46. Abstract attached.
- [Management of Iatrogenic Tracheobronchial Injuries: A Retrospective Analysis of 29 Cases](#), by Schneider T, Storz K, Dienemann H, Hoffmann H, in *The Annals of Thoracic Surgery*, 2007; 83:1960-1964. (A large recent review covering many types of injuries, indications for operative vs. conservative treatment, ventilator management, and emergency situations. Also, an excellent review of the literature on this topic.)

Additional Thoracic Reading

- [Blunt Tracheobronchial Injuries: Treatment and Outcomes](#), by Kiser AC, O'Brien SM, Detterbeck FC, in *The Annals of Thoracic Surgery*, 2001; 71:2059-2060.

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. [Revised instructions for creating and submitting a talk can be found on TSDA.org.](#)
- View the [88-week core curriculum](#). The schedule is currently in Week 31 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 [2010 CT surgery residency interview dates](#) on TSDA.org.
- View [open CT surgery residency positions](#) on TSDA.org.
- Access the [TSDA Education Universe](#).

EVENTS

- Free registration is now open for the **2010 Cardiothoracic Technology Symposium**, to 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. For more information and to register, visit www.ctsymposium.org.

- The **AATS 2010 Annual Meeting** will be held May 1-5, 2010 in Toronto, Ontario, Canada. Registration and housing is now open. Be sure to check out the Cardiovascular Therapy Critical Care Symposium on Sunday, May 2 from 8:00am-5:00pm during the meeting. Visit www.aats.org/annualmeeting to learn more.

NEWS & INFORMATION

- The TSDA In-Training Exam will be held April 10, 2010 with a back up date of April 17, 2010. Visit the [ITE section of TSDA.org](http://www.tsda.org/ite) to download information and registration materials.
- 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 March 11 for the week of March 15.

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