



TSDA Weekly Curricula

Thoracic Surgery Directors Association

TSDA Weekly Curricula for the week of **October 12, 2009**.

Week 13 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.

[Forward this message to a colleague.](#)

Welcome to Week 13, 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

- Echocardiography in Cardiac Surgery, Chapter 49, pp 943-967, by Mora S, Wu KC, in *The Johns Hopkins Manual of Cardiothoracic Surgery*, New York, McGraw-Hill, 2007.

CORE CURRICULUM

Cardiac Topic: Valve/CABG

Cardiac Talks*

- [Impact of Concomitant CAD on Natural History When Aortic and/or Mitral Valve Disease are Present](#) – Robert O. Bonow, MD
- [Selection of Techniques for Valve Surgery and CABG: Impact of Combined Procedures Involving the Aortic or Mitral Valve](#) – Lawrence Cohn, MD

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

Cardiac Reading

- [Valvular and Ischemic Heart Disease](#), Chapter 50, pp 1175-1192, by LeBoutellier M III, DiSesa VJ, in *Cardiac Surgery in the Adult, Third Edition*, Cohn LH (ed), New York, McGraw-Hill, 2008.

Additional Cardiac Readings

- [Results of Bioprosthetic Versus Mechanical Aortic Valve Replacement Performed with Concomitant Coronary Artery Bypass Grafting](#), by Akins CA, Hilgenberg AD, Vlahakes GJ, MacGillivray TE, Torchiana DF, Madsen JC, in *The Annals of Thoracic Surgery*, 2002; 74:1098-1106.
- [The Impact of Age, Coronary Artery Disease, and Cardiac Comorbidity on Late Survival After Bioprosthetic Aortic Valve Replacement](#), by Cohen G, David TE, Ivanov J, Armstrong S, Feindel CM, in the *Journal of Thoracic and Cardiovascular Surgery*, 1999;117:273-284.

Thoracic Topic: Lung Cancer: T3 Disease and Special Situations

Thoracic Talk*

- [Management of T3 Lesions](#) – Alex Patterson, MD

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

Thoracic Readings

- [Special Treatment Issues](#), by Detterbeck FC, Jones DR, Kernstine KH, Naunheim KS, in *Chest*, 2003; 123:244S-258S. Abstract attached.
(A thorough review article for your permanent library which addresses the Lung Cancer Guidelines for patients with particular forms of non-small cell lung cancer that require special considerations. This includes patients with Pancoast tumors, T4N0, M0 tumors, satellite nodules in the same lobe, synchronous and metachronous multiple primary lung cancers [MPLC], and solitary metastases.)
- Extended Resection of Bronchial Carcinoma in the Superior Pulmonary Sulcus, Chapter 35, pp 537-544, by Mansour KA, in *General Thoracic Surgery, Sixth Edition*, Shields TW, LoCicero J, Ponn RB, Rusch V (eds), Lippincott Williams & Wilkins, 2005.

Additional Thoracic Readings

- [Results of en bloc Resection for Bronchogenic Carcinoma with Chest Wall Invasion](#), by Burkhart HM, Allen MS, Nichols FC III, Deschamps C, Miller DL, Trastek VF, Pairolero PC, in the *Journal of Thoracic and Cardiovascular Surgery*, 2002; 123:670-675.
(“Five-year survival for patients with stage IIb disease [T3 N0 M0] was 44.3% compared with only 26.3% for those with stage IIIa disease [T3 N1 M0 or T3 N2 M0, P =.0082].” This study helped validate the decision to reduce T3 lesions to Stage IIb in the absence of lymph node involvement [or mets].)
- [Satellite Pulmonary Nodule in the Same Lobe \(T4N0\) Should Not Be Staged as IIIB Non-Small Cell Lung Cancer](#), by Bryant AS, Pereira SJ, Miller DL, Cerfolio RJ, in *The Annals of Thoracic Surgery*, 2006; 82:1808-1814.
- [Type of Lymph Node Involvement and Survival in Pathologic N1 Stage III Non-Small Cell Lung Carcinoma](#), by van Velzen E, de la Riviere AB, Elbers HJJ, Lammers J-W J, van den Bosch JMM, in *The Annals of Thoracic Surgery*, 1999; 67:903-907.
- [Surgical Resection of Multifocal Non-Small Cell Lung Cancer is Associated with Prolonged Survival](#), by Battafarano RJ, Meyers BF, Guthrie TJ, Cooper JD, Patterson GA, in *The Annals of Thoracic Surgery*, 2002 Oct; 74:988-993.

Critical Care Reading

- [Transfusion Algorithms and How They Apply to Blood Conversation: The High Risk Cardiac Surgical Patient](#), by Steiner NE, Despotis GJ, *Hematology/Oncology Clinics of North America*, 2007; 21:177-184. Abstract attached. Consult with your university or hospital library for access to the full text of this article.

("This review suggests that adhering to transfusion algorithms, especially in conjunction with concomitant hemostasis monitoring, may decrease the number of transfusions administered, decrease the volume of blood loss, and decrease the rate of re-exploration for bleeding.")

ADDITIONAL RESOURCES

- **Second Quarter 2009 Literature Watches Now Posted on CTSNet.org:** [Visit the Literature Watch section of CTSNet](#) to view Thoracic and Endovascular articles appearing in medical and surgical journals other than those found on CTSNet.
- **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 13 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.
- Access the [TSDA Education Universe](#). Open access now available.

NEWS & INFORMATION

- **ITE Save the Date:** 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.
- **TSDA General Session Save the Date:** The TSDA General Session will be held on Saturday, January 23, 2010 from 1:00-4:00 p.m. in Fort Lauderdale, FL. Watch [TSDA.org](#) for more information.
- **[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](#).
- **[Aortic Symposium 2010, New York, NY](#):** Call for Abstracts deadline is Friday, December 11, 2009 at 11:59 p.m. EST. [Click here](#) to submit an abstract or visit [www.aats.org](#) to learn more.
- 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 October 15 for the week of October 19.

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