



TSDA Weekly Curricula E-mail for the week of **July 28, 2008**.

Week 47, Year 2

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Welcome to Week 47, 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

- [Pathology of Cardiac Surgery](#), Chapter 5, pp 111-178, in Cohn, L.H., *Cardiac Surgery in the Adult, Third Edition*, New York, McGraw-Hill, 2008.

CORE CURRICULUM

Cardiac: Coronary Artery Disease

Talks

- [Cardioplegic Arrest Induces Apoptosis Signal - Pathway in Myocardial Endothelial Cells and Cardiac Myocytes](#) – Uwe M. Fischer, MD
- [Innovations in Myocardial Protection](#) – Eugene Grossi, MD

Reading

- [Myocardial Protection](#), Chapter 15, pp 443-459 in Cohn, L.H., *Cardiac Surgery in the Adult, Third Edition*, New York, McGraw-Hill, 2008.

Thoracic: Lung Neoplasms

Talks

- [Biological Basis of Malignancy](#) – Harvey Pass, MD
- [Lung Cancer Screening](#) – Jo-Anne O. Sheppard, MD

Reading

- Present Concepts in the Molecular Biology of Lung Cancer, by Kalemkerian, G.P., Pass, H., Chapter 12, pp 1481-1502, in Shields, T.W., LoCicero, J., Ponn, R.B., (eds), *General Thoracic Surgery, Sixth Edition*, Philadelphia, Lippincott Williams & Wilkins, 2005.

Additional Thoracic Reading

- Lung Carcinoma, by Patel, N., Fitton, T.P., Heitmiller, R.F., Chapter 12, pp 211-223, *Johns Hopkins Manual of Cardiothoracic Surgery*, New York, McGraw-Hill, 2008.

ADDITIONAL RESOURCES

- **New Technology Article Posted on CTSNet.** Read about a [new sternal reinforcement device](#), including device description, surgical technique and results.
- First Quarter 2008 Adult Cardiac, Congenital and Thoracic [Literature Watches](#) Now Posted on CTSNet. The pages include pertinent articles on cardiac, congenital and thoracic topics appearing in medical and surgical journals other than those found on CTSNet.
- View the TSDA Weekly Curricula [E-mail Archive](#).
- View TSDA Weekly Curricula [Readings and References](#).
- The [88-week core curriculum](#) is posted on TSDA.org. The schedule is currently in Week 47, Year 2.
- Access the complete [TSDA Education Universe](#).

TSDA NEWS

- **Save the Date!** The next TSDA General Session will be held Saturday, January 24, 2009 in San Francisco in conjunction with the STS Annual Meeting. Details and agenda will be forthcoming. 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 July 31.

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