

# TOPic Of The Day:

## ENDOSCOPIC ULTRASOUND (EUS)

***As the regional leader in thoracic oncology care, University Hospital offers the only Endoscopic Ultrasound (EUS) program in the Syracuse area.***

EUS is frequently used in the diagnosis and staging of lung cancer and mediastinal masses, as well as for the staging of esophageal cancer. According to recent studies, EUS might be even more accurate than CT scans and upper endoscopy in determining an esophageal cancer's size and how far it has spread into nearby tissues. An endoscope with a small ultrasound probe attached to its end is used. The probe sends very sensitive sound waves that penetrate deep into tissues. The sound waves that bounce off the normal tissues and the cancer are picked up by the probe and determine how deeply the tumor has invaded into the esophagus. It is harmless and can detect small abnormal changes very well.

### ***EUS Advantages:***

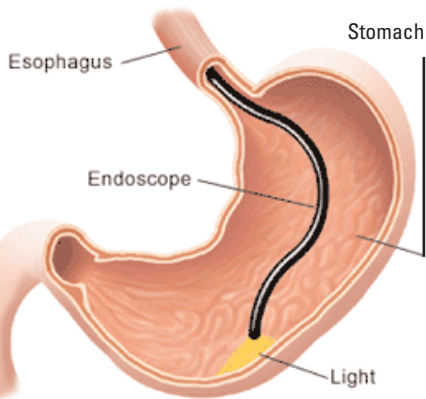
Endoscopic ultrasound can help determine how much of the tissue next to the esophagus (including nearby lymph nodes) is affected by the cancer. This helps surgeons decide which tumors can be surgically removed and which cannot.

A biopsy or tissue sample may also be taken through the endoscope. This tissue sample, examined under a microscope, can help doctors determine not just whether cancer is present but, if it is, the kind of esophageal cancer that it is.

An upper endoscopy is also helpful in cases where the opening of the esophagus is blocked by cancer. Special instruments operated through the endoscope can be used to widen the opening so that food and liquid can pass through more easily.

### **Contact TOP**

If you would like more information about **Endoscopic Ultrasound** at University Hospital, **call MD Direct, 800-544-1605.**



### ***Endoscopic Ultrasound***

*The endoscope is guided into the mouth and throat, then into the esophagus and the stomach.*



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VIEWS  
FROM  
THE  
**TOP**  
UNIVERSITY  
HOSPITAL'S  
THORACIC  
ONCOLOGY  
PROGRAM

University Hospital...  
providing **TOP** care  
for your thoracic  
oncology patients.

[www.upstate.edu/top](http://www.upstate.edu/top)

SUNY Upstate Medical University



**TEAM APPROACH** to treating thoracic cancers — including lung cancer, esophageal cancer, mesothelioma, mediastinal tumors, thymoma, malignant pleural effusion and cancers metastatic to the chest.

**ONE APPOINTMENT CONVENIENCE** for patients to meet with **specialists from:** Thoracic Surgery, Medical Oncology, Radiation Oncology, Pulmonary Medicine and Thoracic Radiology.

**PERIODIC UPDATES** on University Hospital's treatment options for your thoracic oncology patients at the **region's only academic medical center.**

If you would like more information on **management of pleural effusion** please contact us at MD Direct, 800-544-1605.

## TOP Team



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