



# RAMA

Report on Alexian Medical Activities  
for Physicians of Alexian Brothers Hospital Network

December 14, 2005  
Vol. 3, No. 9



Alexian Brothers Medical Center is ranked in the nation's top 1% of hospitals and among the best in 5 specialties.

Heart & Heart Surgery  
Digestive Disorders  
Ear, Nose & Throat  
Respiratory Care  
Geriatrics

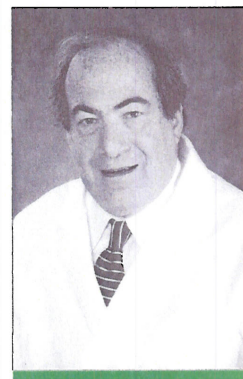
## ABMC Is First Chicago Area Hospital to Offer Endobronchial Ultrasound

Alexian Brothers Medical Center is the first and only facility in the Chicago area offering endobronchial ultrasound (EBUS). The outpatient procedure is used to biopsy lung masses and lymph nodes that are not accessible by traditional bronchoscopy. A tiny ultrasound probe at the tip of a special bronchoscope allows visualization of structures within the chest surrounding the airways.

**Edward Diamond, M.D.**, president of Suburban Lung Associates, was trained in the new procedure at a course conducted in September by Harvard Medical School. He performed the first procedures at ABMC on October 11, and six cases were scheduled by the end of November.

EBUS is performed in conjunction with traditional bronchoscopy,

which examines the airways as a scope is passed through the mouth or nose. Biopsies can be performed on lesions that are visualized within the airways. Following the bronchoscopy, the EBUS scope is passed into the airway. The ultrasound probe identifies the location of masses or lymph nodes located outside of the airways. Doppler is used to identify the pulmonary artery and aorta. Under real-time visualization with ultrasound, a needle is passed into the mass or lymph node as a transbronchial needle aspirate is performed.



Edward Diamond, M.D.

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## First Alexian TMR Patient Remains Angina Free

Four months after the first transmyocardial revascularization (TMR) procedure was performed at Alexian Brothers Medical Center, the patient is doing well with no apparent angina or chest pain. The procedure was performed by **Yan Katsnelson, M.D.**, and **Aladin Mariano, M.D.**, in late July. The 53-year-old female was transferred to ABMC after her cardiologist, **Glenn Golbus, M.D.**, performed a cardiac angiogram at St. Alexius Medical Center.

The TMR procedure was done along with coronary artery bypass graft (CABG) surgery to revascularize an area of the heart that could not be bypassed. "This was a particularly difficult case since the patient had had prior bypass surgery at another facility, which was

unsuccessful," Dr. Katsnelson said.

In the TMR procedure, surgeons use a CO<sub>2</sub> laser to make 20 to 40 microscopic openings from the left ventricle of the heart into the myocardium to increase the amount of blood rich in oxygen and nutrients that enter the heart muscle. TMR is used to reduce angina symptoms, improving the quality of life for patients with severe angina despite maximal medical therapy who cannot be completely revascularized using percutaneous catheter intervention (PCI) or CABG.

ABMC is the only hospital in the northwest suburbs offering TMR, which is done primarily at large university hospitals.

RAMA is published by Alexian Brothers Hospital Network for members of the medical staffs at all Alexian Network hospitals.

We welcome your questions and comments on RAMA articles. Please call 847-437-5500, press 1 when prompted and then enter extension RAMA (7262). In-house at ABMC, simply press extension RAMA (7262).

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