

Frequently Asked Questions

Why Would a Patient Need an i·Logic™ Electromagnetic Navigation Bronchoscopy™?

An abnormal finding or lesion in the distant part of the lung has been found on an X-ray, CT-Scan or PET-CT Scan that may be caused by infection, inflammation or cancer. Small lesions in the outer area of the lung are difficult to reach for diagnosis and treatment. Traditional bronchoscopy frequently fails to reach the outer areas of the lungs often leaving only more invasive surgical options for diagnosis.

An i·Logic Electromagnetic Navigation Bronchoscopy procedure will allow a physician to locate, test, diagnose and potentially treat the lung lesion even in the outer areas of the lungs.

How Does Electromagnetic Navigation Bronchoscopy Differ From Traditional Bronchoscopy?

Electromagnetic navigation bronchoscopy transforms traditional bronchoscopy into a high-tech outpatient procedure. Electromagnetic navigation bronchoscopy uses Global Positioning System (GPS) like technology to navigate a unique set of catheters to a lesion deep in the lungs. The electromagnetic system guides and steers the unique catheters through complex airways beyond the reach of a traditional bronchoscope.

Electromagnetic navigation bronchoscopy minimizes the need for more invasive surgical procedures to be used to access the lung lesion, which often require an inpatient hospital stay and greater potential for complications such as pneumothorax (collapsed lung).

How Many Patients Have Had an i·Logic Electromagnetic Navigation Bronchoscopy?

As of July 2009, more than 7,500 patients have had the procedure at over 150 leading medical facilities across the United States.

What are the Risks to Having an i·Logic Electromagnetic Navigation Bronchoscopy?

There are no additional risks beyond those associated with traditional bronchoscopic procedures, which is generally a safe procedure. Also, because electromagnetic navigation bronchoscopy is a minimally-invasive procedure and uses the patient's natural airways, there is a reduced potential for complications that are often caused during more invasive surgical procedures.

Who Performs the Procedure?

Electromagnetic navigation bronchoscopies are typically performed by a specialty physician, such as a Pulmonologist or Thoracic Surgeon.

Is this Procedure Done in a Hospital?

Electromagnetic navigation bronchoscopy is usually performed in an outpatient center. Nearly all people will go home the day of the procedure, without requiring an overnight hospital stay.

How Long Does the Procedure Take?

The procedure may last between 30 minutes to two hours.