



UNIVERSITY
of COLORADO HEALTH

Electromagnetic Navigation Bronchoscopy[®] (ENB)[™] available at Poudre Valley Hospital

Dr. Kirk DePriest and Dr. Richard Milchak are offering an outpatient, minimally invasive procedure that uses a patient's natural airways to locate, test and plan treatment for lung nodules and lymph nodes difficult to access with traditional bronchoscopy.

This new technology, the i•Logic[™] System from superDimension[®], uses Electromagnetic Navigation Bronchoscopy[®] (ENB)[™] and offers the following benefits:

- A new approach for detecting lung cancer earlier.
- Available for a wide-range of patients including patients who suffer from poor lung function or have had cancer surgery, chemotherapy, radiation therapy.
- Allows navigation anywhere in the lungs using a patient's CT-scan and GPS (global positioning system).
- Enables physicians to take tissue samples from lung lesions that are too small and inaccessible through traditional bronchoscope.
- Used to place fiducial markers for guiding external beam radiation therapy.
- Used to place markers near the pleural surface for VATS pulmonary procedures.

Recovery and risks for the patient include:

- Mild sore throat, hoarseness or cough following the procedure.
- A small risk of pneumothorax occurs in 2-3% of patients. This is comparable to a traditional bronchoscopy.¹

¹Eberhardt R, Anantham D, Herth F, Feller-Kopman D, Ernst A. Electromagnetic navigation diagnostic bronchoscopy in peripheral lung lesions. Chest. 2007;131(6):1800-1805.



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