



MEET McLAREN

USING MINIMALLY INVASIVE TECHNOLOGY TO DETECT LUNG CANCER EARLIER

McLaren Bay Region leads the way in diagnosing and treating lung cancer. From advanced screening capabilities (low-dose CT) and new robot technology, we're able to find lung cancer at its earliest stages, leading to optimal treatment plans and ultimately, better mortality rates.

LUNG CANCER SCREENINGS LOW-DOSE LUNG CT (LDCT)

With the continued rise in lung cancer-related deaths, advances in screening have helped identify individuals who may have early-stage lung cancer, even when they have no symptoms. Reinforcing the validity of LDCT as an effective lung cancer screening tool, the guidelines for screening continue to evolve, bringing more patients into the eligibility criteria:

- Adults ages 50-80
- Current or former smokers with a 20-pack-per-year smoking history who currently smoke or have quit within the past 15 years.

ION ENDOLUMINAL SYSTEM (ION)

Clinicians at McLaren Bay Region use the latest technology to detect lung cancer in its earliest stages. The Ion Endoluminal System (Ion) is a robotic platform for minimally invasive lung biopsies, known as robotic-assisted bronchoscopy.

- Ion uses unique shape-sensing technology.
- Clinicians can navigate to nodules of any size in any location of the lungs for precise and accurate biopsies.
- The Ion utilizes a fully articulating catheter placed into the lung via an endotracheal tube through the mouth and throat.
- This technology provides more reach, more safety, more stability, and quicker recovery times.

ENDOBONCHIAL ULTRASOUND

Endobronchial ultrasound (EBUS) technology can detect lung cancer in its earliest stages. EBUS bronchoscopy, performed by a pulmonologist, involves using a flexible tube that is inserted through the mouth and into the windpipe and lungs. This procedure provides real-time imaging, enabling physicians to perform a technique known as transbronchial needle aspiration (TBNA) to gather tissue or fluid samples from the lungs and surrounding lymph nodes without the need for traditional surgery. These samples can be used to diagnose and stage lung cancer, detect infections, and identify inflammatory diseases affecting the lungs, such as sarcoidosis or other types of cancer, like lymphoma.

WE WELCOME YOUR REFERRAL TO THE LUNG NODULE CLINIC

We are committed to providing your patient with an appointment within one week of receiving a referral.

Fax referrals to Dr. Kam Dhaliwal at (810) 600-7694, or call the office at (989) 316-4010.



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