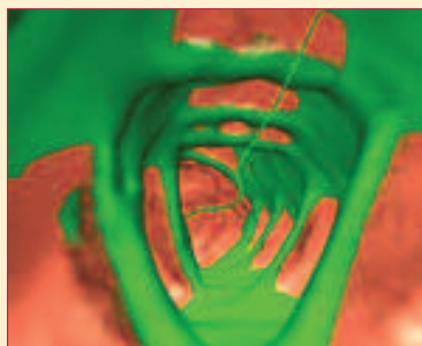
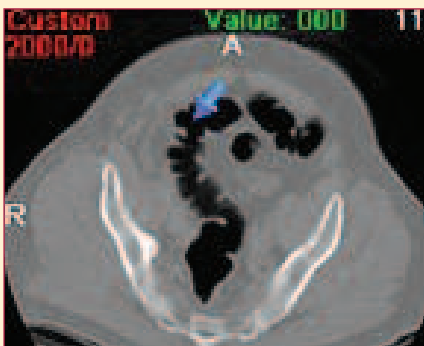
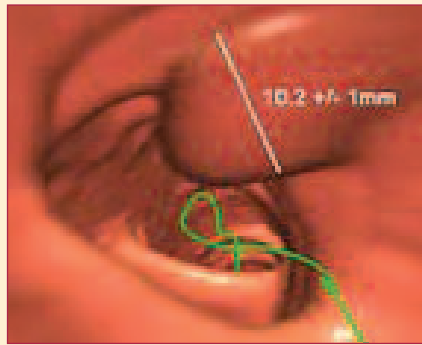


Spring 2008

access

American Cancer Society says “Yes” to Virtual Colonoscopy



CT Colonography, or “Virtual Colonoscopy” became part of the American Cancer Society’s (ACS) recommended colorectal cancer screening guidelines in early 2008.

Virtual Colonoscopy has joined optical colonoscopy, sigmoidoscopy, barium enema, and fecal occult blood testing, as accepted options in the ACS guidelines for the early detection of colorectal cancer. Recent data suggests Virtual Colonoscopy is comparable to optical colonoscopy for detecting cancer and polyps when state-of-the-art techniques are applied, which has led the ACS to include it in the screening protocol.

The new guidelines, Screening and Surveillance for the Early Detection of Colorectal Cancer and Adenomatous Polyps, 2008, were released jointly by the ACS, the US Multi-Society Task Force on Colorectal Cancer, and the American College of Radiology. <http://www.cancer.org>

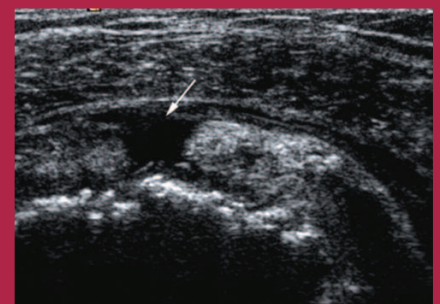
CDC offers Virtual Colonoscopy for colorectal cancer screening in patients 50+ using our Toshiba Aquilion 64-slice CT Scanner and Viatronix 3D software.

Ultrasound for Musculoskeletal (MSK) Disorders

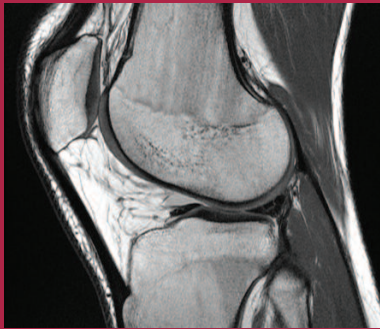
Recent developments in real-time ultrasound and the use of high-frequency, high-resolution transducers mean that high quality images of soft tissues are now possible, making ultrasound an excellent diagnostic tool for MSK disorders.

Since ultrasound images are taken in “real time”, the sonographer can see the actual movement of muscles, tendons and ligaments during the test which is extremely helpful in diagnosing many pathologies. Ultrasound is less expensive than MRI exams and can be a suitable alternative for evaluating disorders of the hips, shoulders, Achilles tendon, plantar fascia and elbows. Patients who may be uncomfortable in an MRI scanner might also benefit from an MSK ultrasound.

Canada Diagnostic provides specialized MSK ultrasound exams in addition to breast, abdomen/pelvis and Colour Doppler vascular exams.



New GE Signa HDx 8 Channel 1.5T MRI System



Canada Diagnostic Centres is proud to announce a new arrival in our clinic: Our Brand new GE Signa HDx 8 Channel 1.5T MRI System! The Signa HDx 1.5T provides physicians with high-definition images that improve diagnostic accuracy.

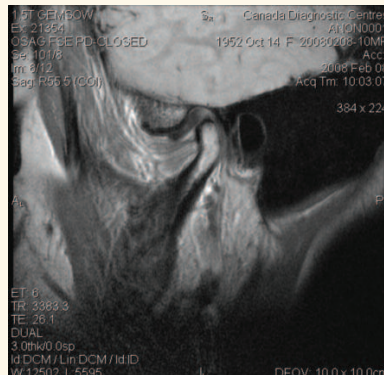
- Faster Scan Times
- Finer Detail
- Enhanced capabilities for brain, breast and abdominal scans

Canada Diagnostic Centres is committed to helping doctors educate themselves and their patients about the latest imaging techniques and their health. Let us know how we are doing and how our clinic can help you further in your practice. Please feel free to email Cassandra Evans our Marketing Coordinator at cevens@canadadiagnostic.com with any questions or comments or to schedule tutorials with our technicians and physicians.

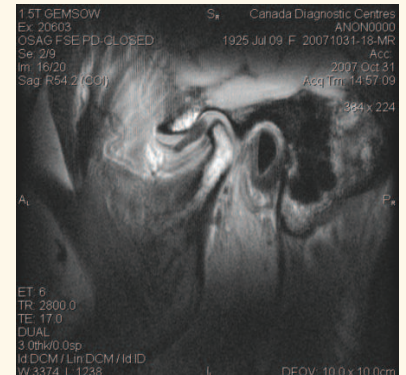
Jaw Pain?

Injuries to the jaw, head or neck and even arthritis might result in TMJ (temporomandibular joint) problems such as pain, difficulty opening the mouth, clicking, locking and headaches. The most common cause of TMJ pain is displacement of the meniscus or disc, which fills the joint space.

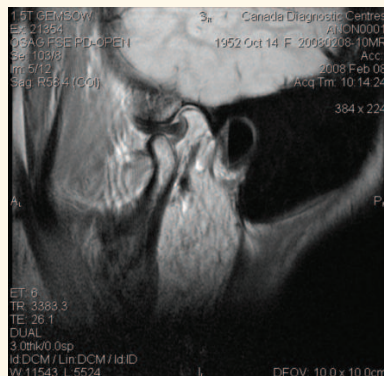
MRI is the only imaging modality where the position of the disc and its dynamic motion can be visualized while the jaw is open and closed. MRI clearly differentiates the soft tissue components of the TMJ, allowing the visualization of the disc in positional relationship to the bony components of the joint.



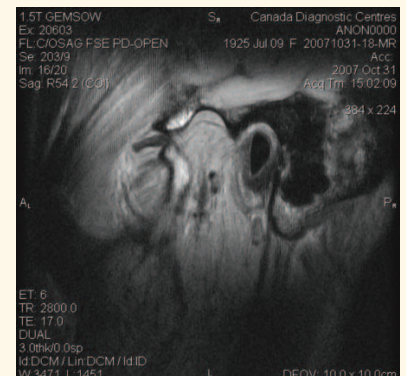
Normal positioning of the disk superiorly with the Temporomandibular joint



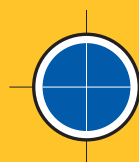
The articular disc is subluxed anteriorly with the mouth in the closed position



Normal positioning of the disc. The disc moved anteriorly with the mandibular condyle



The articular disc is dislocated anteriorly with the mouth in the open position



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