

We strive to make your visit to the hospital as safe as possible. Please use the following measures to do your part for our patients:

1. We are a scent free environment; refrain from wearing perfume, cologne or any scented products before arriving for your appointment or visiting patients.
2. Cover your cough! If you are experiencing respiratory symptoms, please request a mask from any of our registration areas and wear it while on the premises.
3. Hand washing protects us all from the spread of infectious diseases. There is hand cleansing gel available in all areas for your use.

For your safety:

You will be asked your name and date of birth for proper identification.

All Technologists are registered with the College of Medical Radiation Technologists of Ontario (CMRTO) and the Canadian Association of Medical Radiation Technology (CAMRT).

PLEASE INFORM THE TECHNOLOGIST IF YOU ARE DIABETIC OR PREGNANT

For more information,
contact:

Diagnostic Imaging Department

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Grand Ave Campus
80 Grand Ave., W.
Chatham, ON N7L 1B7
519-352-6401 ext 6622

Hours: 8-4 Mon – Fri.

Originating Department: Diagnostic Imaging

Ce document est disponible en français



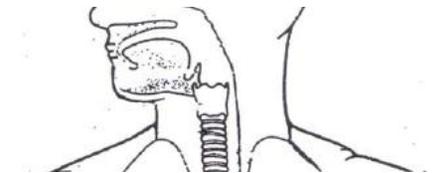
www.ckha.on.ca

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Patient Information



Modified Barium Swallow Study



(MBSS)

**DIAGNOSTIC
IMAGING**

Caring People Caring for People

Modified Barium Swallow

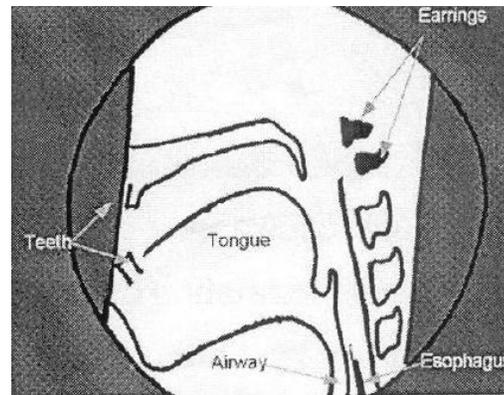
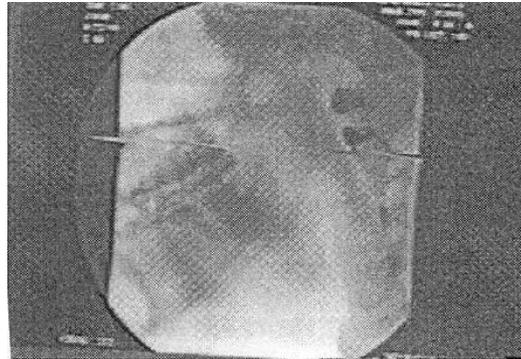
Your doctor and speech-language pathologist have recommended that you have a swallowing test called a Modified Barium Swallow Study (MBSS).

A MBSS is an x-ray of your swallowing that is recorded as a movie. It enables the speech-language pathologist and doctor to see inside your throat while you are swallowing. This procedure helps the clinician to understand any swallowing problems that you may be experiencing and to choose the best treatments for your swallowing.

Preparation

Please do not wear necklaces or earrings as they will have to be removed. No other prep required.

A MBSS movie shows a black and white x-ray of your head and neck, down as far as your shoulders. Here is a sample image from a MBSS.



Procedure

During the MBSS, you will be asked to swallow foods or liquids mixed with barium. Barium is a type of x-ray contrast material. It comes in powder, liquid or paste forms. When barium is mixed with food or liquid, it allows us to see the food or liquid on an x-ray. Barium is not harmful to swallow.

A MBSS involves exposure to radiation.

This is necessary in order for your speech-language pathologist to see inside your throat while you are swallowing. The amount of radiation exposure and the lifetime risk of complications are considered to be very small. For comparison, you might be interested to know that a MBSS involves about 1/3 of the usual radiation dose of a barium x-ray of your esophagus and stomach (an "upper GI series") and a slightly smaller dose than you would receive if you were having an x-ray of your lower back.

How long does the x-ray take?

The procedure takes approximately 15 minutes.

Post Procedure

After your MBSS, your speech-language pathologist carefully reviews the movie of your swallowing in order to determine if there are any problems, to understand exactly what those problems are and to decide on the best treatment options for you. Your speech-language pathologist will discuss the results of the test with you.