



Capital Health

Name _____

Test: 14 C Urea Breath Test

Place: Nuclear Medicine, Diagnostic Imaging
3rd Floor Dickson Building, VG Site of the QEIIHSC
University Avenue / 1278 Tower Road

WHEN: Walk-in Clinic is open Monday to Friday 7:45 a.m. to 9:30 a.m.

IMPORTANT

- 1: You must bring a requisition signed by your doctor.
- 2: If you had a recent Nuclear Medicine scan, are pregnant, or breastfeeding please call the technologist at (902) 473-2687.
- 3: Please tell your doctor about all medications that you are taking. Your doctor will tell you which drugs to stop for your test.

Why is this test done? This test is done to see if you have H Pylori bacteria in your stomach.

How is the test done? The technologist will ask you to swallow a capsule that has a small amount of ¹⁴C Urea (radioactive isotope) and drink a glass of water. Twenty minutes after you take the capsule you will blow air through a tube into a small glass bottle until the blue liquid in the bottle is clear. The test takes about 45 minutes.

How do I get ready?

YOU MUST NOT:

- eat, drink, or chew gum for 6 hours before the test, including water and medications;
- have taken antibiotics for 30 days before the test;
- smoke for 2 hours before test;
- have had a recent Nuclear Medicine test.

YOU MUST STOP TAKING THE FOLLOWING MEDICATIONS:

- Peptobismol 30 days before the test;
- Proton pump inhibitors, for example Losec, Prevasid, Pantoloc, Nexium, Pariet, Arthrotec, Omneprozole, Tecta, at least 7 days before the test;
- H2 Receptor antagonists, for example Ranitidine, Tagament, Zantac 12 hours before test;
- antacids 12 hours before the test.

Any questions... please call (902) 473-2687

¹⁴C Urea Breath Test for H.Pylori

If the C14 Urea breath test patient is on any of the medications listed below, he/she must be informed to stop for the prescribed time by the physician at the time he/she is given the requisition.



Queen Elizabeth II
Health Sciences Centre

Physician Reference for Drugs that interfere with the test:

Class	Pharmaceutical	Effect	Recommendations
Antibiotics	Including Hp-PAC,Sultrin All classes except: Vancomycin, Nalixidic Acid (NegGram), Trimethoprim (Proloprim,Coptin), Amphotericin B(Fungizone)	Inhibitory or bactericidal activity	Stop medication 30 days prior to test
Cytoprotectives	Bismuth Salts(PeptoBismol) Bismuth Salt with H2Receptor Antagonist	Bactericidal or bacteriostatic activity	Stop medication 30 days prior to test
Proton Pump Inhibitors	Omeprazole(Losec,Prisolec) Lansoprazole(Previsid, Zoton), Pantoprazole(Pantoloc), Esomeprazole(Nexium) Rabeprazolesodium(Pariet) Arthrotec -contains misoprostol	Bactericidal or bacteriostatic activity	Stop medication 7 days prior to test
H2 Receptor Antagonists	Alti-Ranitidine Apo-Famotidine Apo-Ranitidine Gen-Cimetidine Gen-Ranitidine NovoFamotidine NovoRanitidine, Nu Pepcid Tablet Pylorid Tagamet Zantac Apo-Cimetidine Apo-Nizatidine Axid Gen-Famotidine Novo-Cimetidine Novo-Nizatidine Nu-Cimetidine Nu-Rainit PMS Cimetidine Ulcidine Zantac-75	May promote urease producing oral flora May promote H.Pylori proliferation	Stop medication 24 hours prior to test
Antacids	All products ie, Gaviscon,Maalox,Mylanda, Rolaid, Tums	Decrease in urease activity May erroneously decrease result values	Stop 12 hours prior to test.