

Bile acid absorption study

Purpose of the study

The purpose of the study is to investigate the causes of prolonged diarrhea and possible disorders in the absorption of bile acids.

Preparations

- You can eat and drink normally before and after the study.
- Medications that affect the absorption of bile acids must be discontinued two days before the study and the break must be continued until the end of the study, that is, until the second scan.
 - Cholestyramine, colesevelam, antacids, sucralfate, magnesium, guar gum, and sevelamer, such as Questran, Renvela, Renegel, Cholestagel, Alsucral, Antepsin, Balancid Novum, Emgesan, Magnesiamaito, Miral, Pepcid Duo, Novaluzid, Guarem.
- In addition, anti-diarrheal medications (such as Imodium) should be paused after taking the capsule until the second scan, if possible.
- You will receive instructions from your treating physician regarding any other medications.

Study protocol

You will receive the radiopharmaceutical in a capsule, which is swallowed with plenty of water. You should also drink plenty of water before and after taking the capsule. The radiopharmaceutical substance is allowed to be absorbed for three hours, after which a scan is performed. During the time between taking the capsule and starting the scan, you can move freely outside the hospital. The scan is performed in a lying position and you can wear your own clothes. The scan takes 15 minutes.

The scan is repeated one week after receiving the capsule.

Precaution

The study capsule contains a small amount of radioactive selenium. Otherwise, the substance it contains behaves in the body like the body's own bile acids. The study is generally not performed on pregnant women, and the possibility of pregnancy must be reported before the study begins. Nursing mothers should take a short break from breastfeeding after receiving the study substance (about 4 hours). Breastmilk pumped during the break must be discarded.

After the study

A physician will provide a statement on the study, which will be directed to the clinic or department that made the referral. The referring unit will take care of any further actions.

Notice

During the study, you cannot undergo intestinal X-ray contrast examinations or empty the bowel with laxatives.

Please do not wear any perfume when coming to the department as it may cause severe symptoms to patients with asthma or allergy!

Contact information

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