

Patient Education for Penile Ultrasound and Color Doppler

Penile Ultrasound and Doppler
appointment has been scheduled for:

Day: _____

Date: _____

Time: _____

Location: _____

Be optimistic to find a light at the end of the tunnel of sexual problems. There is a cure for erectile dysfunction and our center is providing the most advanced medical and surgical treatment.



Patient and Family Education

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مستشفى الوكرة
Al Wakra Hospital

عضو في مؤسسة حمد الطبية
A Member of Hamad Medical Corporation



Patient Education for Penile Ultrasound and Color Doppler

What is a penile ultrasound and color doppler?

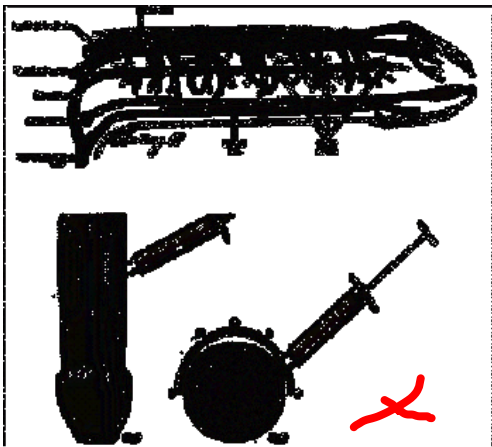
It is an investigation to identify calcification or scarring inside the erectile tissue of the penis and to find why there is a problem getting or maintaining an erection. It allows the urologist to determine and document if you have an inflow or outflow type of erectile dysfunction.

How do I prepare for it?

There is no preparation needed for this test. Please expect to spend 30 to 45 minutes in the clinic. Do not take Viagra, Cialis, or Levitra the day prior or the day of your procedure, as this may lead to a prolonged and painful erection. Following the U/S procedure, you can immediately resume your everyday activities without any restrictions.

When is a Penile Ultrasound Performed?

- To diagnose erectile dysfunction
- In Peyronie's disease (acquired bending or palpable induration of the penis)
- To evaluate a penile injury
- To monitor patients who make use of intrapenile injections (for early detection of fibrosis)



How is the procedure is being done?

A medication called prostaglandin E1 (alprostadil) is injected into the penis with a tiny needle. This induces penile erection in most men when injected directly into the penis causing dilation of the penile arteries and increasing blood flow into the penis within minutes. The doctor will then assess the degree of the erection and use the ultrasound to see whether your arteries are healthy and how much blood is flowing into the penis through each artery. The doctors can also assess the degree of venous outflow from the penis. In addition, a detailed survey of the corpora cavernosa is done to identify calcification, scarring either inside or on its covering layer (tunica) the erectile tissue of the penis and curvature if any are documented and measured.

Possible side effects or complications:

- Painful injection: You may feel aching pain/ discomfort for several hours.
- Small area of bruising (black and blue) or bleeding at the injection site. This happens more often if aspirin or anticoagulant (coumadin or heparin) is taken.
- There is one percent chance of prolonged (rigid) erection lasting more than 4 hours – report IMMEDIATELY to an Emergency Department if you experience this.

Results of your penile ultrasound and doppler

Should there be any abnormal finding, the physician will inform you about this.

You will be given further instructions and information about therapeutic options that are appropriate for you at your follow-up appointment, usually a few weeks after the ultrasound. Your