

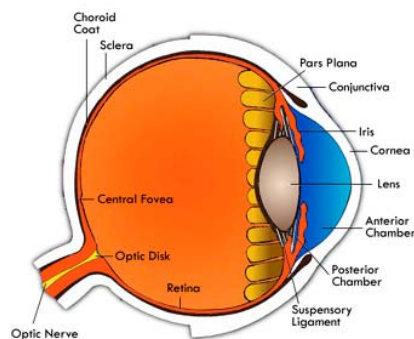
OPHTHALMOLOGY

BIOMETRY

A Patient's Guide

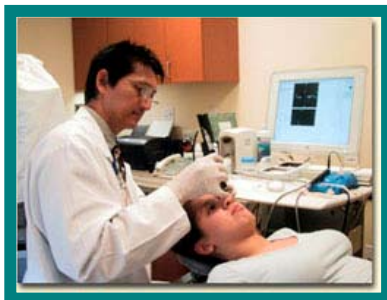
This involves using ultrasound to examine the structure of the eye.

A-SCAN BIOMETRY involves instilling eye drops to numb the eye(s) to be tested. A very small probe or transducer is then placed directly on the eye. The sound waves from the transducer are used to measure the length of the eye. This is a necessary part of the preoperative evaluation for cataract surgery in order to determine the intraocular (inside of the eye) lens power in your eye.



B-SCAN BIOMETRY involves placing the transducer on the closed eyelid. The sound waves display the internal structures of the eye, allowing for evaluation of the retina when it is obscured by such things as cataracts or bleeding. It is also important in the evaluation of the other eye disorders such as tumours and other diseases.

There are no medications or eye drops given for this procedure. No special preparation or post-procedure precautions are required. As with any procedure or test, it is important to report any known allergies, chronic conditions and/or medications that you are taking as these may influence your testing and diagnosis.



Estimated time spent at the hospital for the procedure: **30 minutes** (time includes filling out forms).