
PROSTATE CORES

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- I. Purpose**
To provide a procedure for the gross examination of a prostate core biopsy specimen.
- II. Principle**
To submit all tissue cores so that a diagnosis can be made microscopically by a pathologist.
- III. Equipment**
1. Ruler
 2. Forceps
 3. Lens paper
- IV. Special Safety Precautions**
1. PPE should be worn.
 2. FORMALIN is a known carcinogen.
- V. Supplies and Reagents**
1. 10% NEUTRAL BUFFERED FORMALIN (pH range 6.9-7.2)
 2. Hematoxylin
- VI. Quality Control**
All tissue should be submitted.
- VII. Limitations/Notes**
The following may influence the validity of test results:
1. The specimen should be fixed in formalin.

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VIII. Procedure

1. The specimen will arrive in a jar of formalin and usually received as numerous parts.
2. Using forceps, carefully remove all cores from the container.
3. Dictate the number, the size range (smallest length to largest length in cm.), the color, and the consistency of the cores.
4. Submit all cores by wrapping them in lens paper with no more than three cores per cassette.
5. Ink all cores with hematoxylin.
6. Verify the correct protocol is selected. Cases with under 18 parts (A-Q) should have serial sections X6- 1, 3, and 5 H&E; 2, 4, and 6 unstained. Cases with 18 parts or more (saturation biopsies) should have just three H&E levels.
7. Load the cassette or cassettes on the next small processor to allow for proper fixation.

IX. References

1. Hruban RH, Westra, WH, Phelps, PH, & Isacson, C: Surgical Pathology Dissection An Illustrated Guide, New York, NY, Springer-Verlag Inc., 1996.
2. Lester, SC: Manual of Surgical Pathology, New York, NY, Churchill Livingstone, 2001.

X. Authorized Reviewers

1. Medical Director, Anatomic Pathology
2. Chief, Surgical Pathology

XI. Document Control

Location of Master: Master electronic file stored on the Beaumont Laboratory server under S:\AP_Grossing_Manual

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