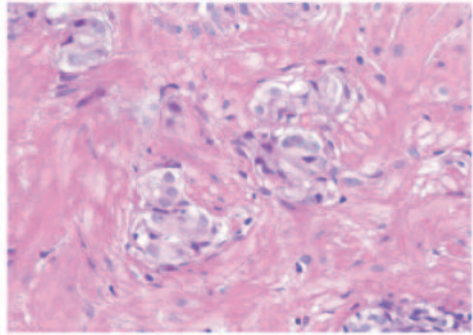
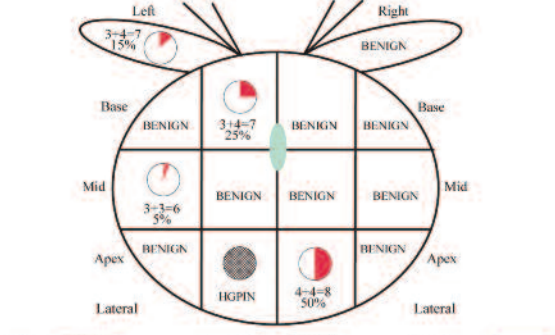
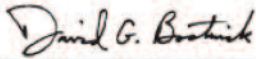


BOSTWICK LABORATORIES [®]		Histology Report (Sample)		SPECIMEN INFORMATION																																	
4355 Innslake Drive, Glen Allen, VA 23060 Phone 866-816-4793 Fax 804-545-9725 www.bostwicklaboratories.com				BL08-0101-999991 Date Collected: 01/07/2008 Date Received: 01/08/2008 Date Reported: 01/09/2008																																	
PATIENT INFORMATION			PHYSICIAN INFORMATION																																		
Name: John Doe SSN: 123-45-6789 Sex: Male Date of Birth: 11/10/1940 Age: 67 Requisition #: 41450 Chart #: 12345 Phone #: 123-456-7890			John M. Jones, M.D. 123 Anywhere Street Anywhere, VA 23226 Phone: 804-555-1234 Fax: 804-555-1235																																		
CLINICAL HISTORY																																					
Elevated PSA.																																					
GROSS DESCRIPTION																																					
The specimen is received in 12 vials containing pink-tan, 0.1 cm diameter prostate biopsies in formalin; submitted in toto.																																					
<table border="1"> <thead> <tr> <th>SITE</th> <th>LENGTH</th> </tr> </thead> <tbody> <tr><td>(A) Right Apex:</td><td>1.4 cm</td></tr> <tr><td>(B) Right Mid:</td><td>1.3 cm (fragmented)</td></tr> <tr><td>(C) Right Base:</td><td>1.3 cm (fragmented)</td></tr> <tr><td>(D) Right Lat Apex:</td><td>1.7 cm</td></tr> <tr><td>(E) Right Lat Mid:</td><td>1.6 cm</td></tr> <tr><td>(F) Right Lat Base:</td><td>1.6 cm</td></tr> <tr><td>(G) Right SV:</td><td>1.5 cm</td></tr> </tbody> </table>		SITE	LENGTH	(A) Right Apex:	1.4 cm	(B) Right Mid:	1.3 cm (fragmented)	(C) Right Base:	1.3 cm (fragmented)	(D) Right Lat Apex:	1.7 cm	(E) Right Lat Mid:	1.6 cm	(F) Right Lat Base:	1.6 cm	(G) Right SV:	1.5 cm	<table border="1"> <thead> <tr> <th>SITE</th> <th>LENGTH</th> </tr> </thead> <tbody> <tr><td>(H) Left Apex:</td><td>1.5 cm</td></tr> <tr><td>(I) Left Mid:</td><td>1.6 cm</td></tr> <tr><td>(J) Left Base:</td><td>1.8 cm</td></tr> <tr><td>(K) Left Lat Apex:</td><td>1.2 cm (fragmented)</td></tr> <tr><td>(L) Left Lat Mid:</td><td>1.8, 1.6 cm</td></tr> <tr><td>(M) Left Lat Base:</td><td>1.4 cm</td></tr> <tr><td>(N) Left SV:</td><td>1.7 cm (stringy)</td></tr> </tbody> </table>		SITE	LENGTH	(H) Left Apex:	1.5 cm	(I) Left Mid:	1.6 cm	(J) Left Base:	1.8 cm	(K) Left Lat Apex:	1.2 cm (fragmented)	(L) Left Lat Mid:	1.8, 1.6 cm	(M) Left Lat Base:	1.4 cm	(N) Left SV:	1.7 cm (stringy)		
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(A) ADENOCARCINOMA, RIGHT APEX			HGPIN ■■■■■ SUSPICIOUS ■■■■■ MALIGNANT ■■■■■																																		
DIAGNOSIS																																					
PROSTATE, NEEDLE BIOPSIES																																					
(A) Right Apex:	ADENOCARCINOMA (GLEASON 4+4=8) INVOLVING 50% OF THE SPECIMEN. Mild chronic inflammation.																																				
(B) Right Mid:	Benign prostatic tissue.																																				
(C) Right Base:	Benign prostatic tissue. Basal cell hyperplasia. Moderate chronic inflammation.																																				
(D) Right Lat Apex:	Benign prostatic tissue. Mild chronic inflammation.																																				
(E) Right Lat Mid:	Benign prostatic tissue. Mild atrophy. Post-atrophic hyperplasia. Atypical basal cell hyperplasia.																																				
(F) Right Lat Base:	Benign prostatic tissue. Basal cell hyperplasia. Mild chronic inflammation.																																				
(G) Right SV:	Benign seminal vesicle.																																				
(H) Left Apex:	HIGH GRADE PROSTATIC INTRAEPITHELIAL NEOPLASIA.																																				
(I) Left Mid:	Benign prostatic tissue. Moderate chronic inflammation. Benign pigmented epithelium consistent with seminal vesicle or ejaculatory duct.																																				
(J) Left Base:	ADENOCARCINOMA (GLEASON 3+4=7) INVOLVING 25% OF THE SPECIMEN. GLEASON PATTERN 4 COMPRISES 30% OF THE CANCER.																																				
(K) Left Lat Apex:	Benign prostatic tissue. Mild atrophy. Moderate chronic inflammation.																																				
(L) Left Lat Mid:	ADENOCARCINOMA (GLEASON 3+3=6) INVOLVING 5% OF THE SPECIMEN. (1 Core contains cancer.)																																				
(M) Left Lat Base:	Benign prostatic tissue. Mild chronic inflammation.																																				
(N) Left SV:	ADENOCARCINOMA (GLEASON 3+4=7) INVOLVING 15% OF THE SPECIMEN. GLEASON PATTERN 4 COMPRISES 10% OF THE CANCER.																																				
			 David G. Bostwick, M.D., M.B.A. Medical Director																																		

The “**Gross Description**” tells you and your doctors exactly how many samples were received in the biopsy materials, what they looked like, and the quantity of tissue received. The lettering (A-N in this case) correlates with the lettering in the section on “**Diagnosis**” below.

The “**Photomicrograph**” (a photo taken through a microscope) shows the highest grade of cancer found in this patient’s biopsy specimens. (For this patient, it is a Gleason grade 4, taken from the right apex of the prostate.)

The “**Diagnosis**” section tells you and your doctor exactly what Bostwick Laboratories found when they looked at your biopsy specimens, for each individual sample defined by the letters in the “**Gross Description**” above.

Links that let you learn more:

- Gleason grades and scores
- Prostatic intraepithelial neoplasia
- Atypia or ASAP

The “**Prostate Biopsy Diagram**” shows exactly where each tissue sample came from and the Gleason grades and Gleason score of any cancer found. In this patient there were four areas of cancer: two in the left lobe; one in the right lobe; and one in the left seminal vesicle.

Note: There is a difference between the **Gleason grade** of an individual section of tissue (numbered from 1 to 5) and the **Gleason score**, which is the sum of the two highest Gleason grades of cancer seen in a specific section of tissue (numbered from 2 to 10) It is the highest **Gleason score** that is important in making treatment decisions.