PathNet

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PROSTATE CANCER

Understanding Your Pathology Report

TISSUE DIAGNOSIS

Gleason Scoring

During the analysis of a biopsy, the tissue receives a Gleason score. This scoring system numerically measures the abnormality of the glands (groups of cells) in your tissue biopsy.

If the glands look abnormal, the pathologist will give the tissue a score between 3 and 5. If cancer is present the tissue's Gleason score is determined by adding two patterns of tissue with the most cancer together, this gives a Gleason score between 6 and 10.

This scoring helps your doctor determine how aggressive the cancer may be.

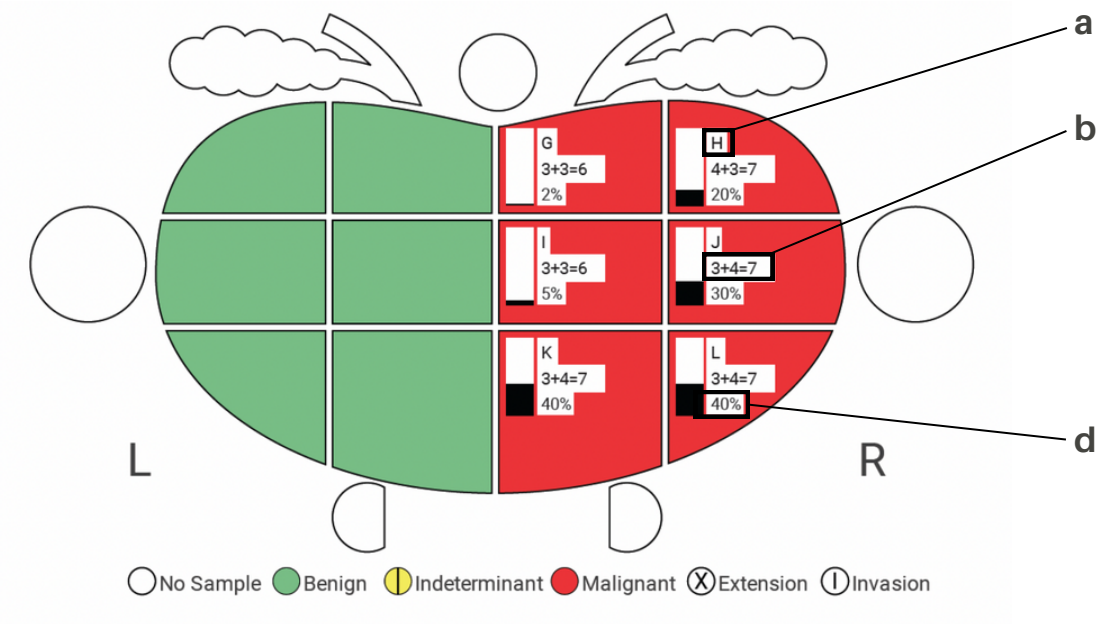
Anatomy of Gleason Score

3 + 4 = 7

The first number represents the grade with the most present cancer pattern. In this case there is more grade 3 than grade 4. If the score was 4+3=7 then there would be more grade 4 present than grade 3.

The last number is the Gleason sum, which typically ranges from 6-10 when tumor is present. The higher the score the more likely the cancer will grow and spread quickly.

READING YOUR REPORT



	Site	Microscopic Diagnosis	Gleason	% Pattern 4	% Involv (len)	Capsule→Deep	Max Dim	Gross Length
		Per Sample				Per Core (mm)		
G	Right base	ADENOCARCINOMA	3+3=6		2%		1	12.6
H	Right lateral base	ADENOCARCINOMA	4+3=7	70%	20%		4	13.1
I	Right mid	ADENOCARCINOMA	3+3=6		5%		2	15.2
J	Right lateral mid	ADENOCARCINOMA	3+4=7	10%	30%		4	8.9
K	Right apex	ADENOCARCINOMA	3+4=7	20%	40%		6	10.8
L	Right lateral apex	ADENOCARCINOMA	3+4=7	10%	40%		7	12.3

a **Site** - Tells which area of the prostate the data was collected from. Letters on the table correspond with the graphic above.

b **Gleason Score** - Tells you the pattern of cancer found and which pattern is most present in the tissue.

c **% Pattern 4** - Tells you what percentage of the cancer found (if any) is pattern 4.

d **% Involvement** - Tells you what percentage of each tissue sample contains cancer.

FOR MORE INFORMATION

go to https://pathnetlab.com/patient-resources

READING YOUR REPORT CONTINUED

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e f g

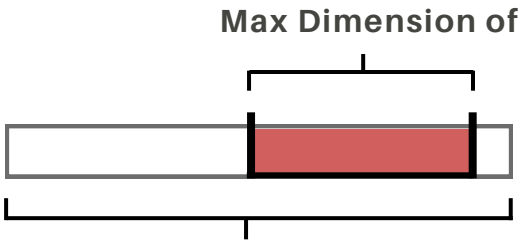
e **Core Diagram** - This diagram represents your tissue core visually. The red section represents the portion of your tissue where tumor was found in.

f **Max Dimension** - The max dimension number tells you the length of the tumor in each tissue core.

g **Gross Length** - The gross length tells you the full length of each of tissue core.

Example from table above:

L Right lateral apex



Needle Entrance → Deeper into Prostate

FOR MORE INFORMATION

go to https://pathnetlab.com/patient-resources

Resources: Cancer.net Cancer.org Webmd.com

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