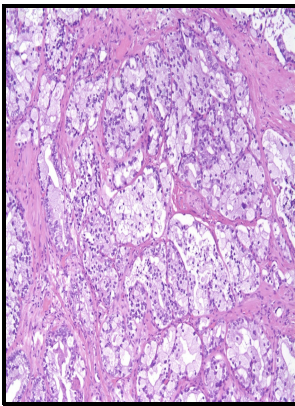


# Gleason grading of prostate cancer - a contemporary approach

**Lippincott Williams & Wilkins - A Contemporary Prostate Cancer Grading System: A Validated Alternative to the Gleason Score**



Description: -

-  
Hematologic Diseases -- diagnosis -- Problems and Exercises  
Hematologic Neoplasms -- diagnosis -- Problems and Exercises  
Blood -- Diseases -- Case studies  
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Bible. -- O.T. -- Pentateuch -- Sermons.  
Prostatic Neoplasms -- diagnosis  
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Prostatic Neoplasms -- pathology  
Prostate -- Needle biopsy -- Atlases  
Prostate -- Tumors -- Classification  
Gleason grading of prostate cancer - a contemporary approach  
-Gleason grading of prostate cancer - a contemporary approach  
Notes: Includes bibliographical references and index.  
This edition was published in 2004



Filesize: 8.53 MB

Tags: #Gleason #grading #system

## Gleason grading of prostate cancer: a pragmatic approach

For prostate cancer in particular, intermediate-risk Gleason patterns 3 and 4 can be very difficult to assign unambiguously. There are often just sheets of cells throughout the surrounding tissue.

## The Four Stages of Prostate Cancer: What You Need to Know

Combining of Gleason scores into a three-tiered grouping 6, 7, 8-10 is used most frequently for prognostic and therapeutic purposes. These two numbers are the most important for determining your future course of treatment. In a major departure from prior classifications, Gleason used prostate cancer histologic architectural pattern, rather than cytology, for assigning the grade.

## Gleason Grading of Prostate Cancer: A Contemporary Approach

The 2014 consensus conference recommends reporting the percent pattern 4, with discretion regarding how to record it.

## ISUP prostate cancer grade groups (table)

Many cells are invading the surrounding tissue in neoplastic clumps. Gleason Pattern 4 As described above, based on the 2005 and 2014 conferences, Gleason pattern 4 now consists of either: 1 cribriform glands including the glomeruloid pattern ; 2 poorly formed glands; and 3 fused glands. C, Small cell carcinoma of the prostate; no Gleason score is assigned.

## A Contemporary Prostate Cancer Grading System: A Validated Alternative to the Gleason Score

Then, a final Gleason score is assigned as the sum of the two most predominant Gleason patterns. A Gleason grade should not be assigned, because of artifactual therapy-related changes in the morphology that mimic higher-grade cancer. Similarly, of 16 172 needle biopsy cases, there

were only 44 0.

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