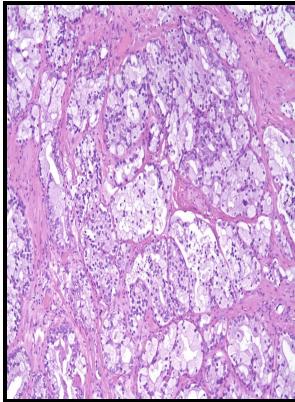


# Gleason grading of prostate cancer - a contemporary approach

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

Description: -



-  
 Hematologic Diseases -- diagnosis -- Problems and Exercises  
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 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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