

NCCN Initial Risk Stratification

- Monitoring an elevated prostate-specific antigen level (PSA) with serial MRI is not indicated for suspected prostate cancer.
- Requests for imaging based on PSA must provide a recent (within the last 60 days) PSA.

ISUP Prostate Cancer Grade Groups³⁰

Grade Group	Gleason Score	Gleason Pattern
1	≤6	≤3+3
2	7	3+4
3	7	4+3
4	8	4+4, 3+5, 5+3
5	9 or 10	4+5, 5+4, or 5+5

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- Very Low Risk
 - ALL of the following features are present:
 - Tumor not clinically palpable, but present on one or both lobes on biopsy (cT1a, cT1b, or cT1c)
 - PSA (ng/mL) <10
 - Gleason Grade Group = 1
 - <3 prostate biopsy cores positive, ≤50% cancer in each core
 - PSA Density <0.15 ng/mL/g
- Low Risk
 - ALL of the following features are present but does not qualify for very low risk:
 - Clinical T Stage = cT1-cT2a (palpable tumor limited to ≤1/2 of one side)
 - PSA (ng/mL) <10
 - Gleason Grade Group = 1
- Favorable Intermediate Risk
 - ALL of the following features are present:
 - Gleason Grade Group = 1 or 2
 - <50% biopsy cores positive (e.g., <6 of 12 cores)
 - And only ONE of the following features is present:
 - Clinical T Stage = cT2b-cT2c (palpable disease confined to one or both lobes of the prostate)
 - PSA (ng/mL) = 10-20
- Unfavorable Intermediate Risk
 - Any one of the following are present:
 - Gleason grade group = 3
 - ≥50% biopsy cores positive (e.g., ≥6 of 12 cores)
 - Presence of at least two of the following three features:
 - PSA (ng/mL) = 10-20
 - Gleason Grade Group = 2 or 3

- Clinical T Stage = cT2b-cT2c (palpable disease confined to one or both lobes of the prostate)
- High-risk
 - Only ONE of the following high-risk features is present:
 - Clinical T Stage = cT3a (unilateral or bilateral extra-prostatic extension that is not fixed and does not invade the seminal vesicles)
 - PSA (ng/mL) >20
 - Gleason Grade Group = 4 or 5
- Very High-risk
 - At least ONE of the following features is present:
 - Clinical T stage = cT3b-cT4 (extension into the seminal vesicles or invasion into adjacent structures)
 - Primary Gleason Pattern = 5
 - Gleason Grade Group = 4 or 5 in >4 cores
 - Presence of 2 or 3 high-risk features (noted above)