

Strahlentherapie – EAU Leitlinie 2019

6.2.1.4 Guidelines for the treatment of low-risk disease

Radiotherapeutic treatment	
Offer low-dose rate brachytherapy to patients with low-risk PCa, without a previous transurethral resection of the prostate and with a good International Prostatic Symptom Score and a prostate volume < 50 mL.	Strong
Use intensity-modulated radiation therapy with a total dose of 74-80 Gy or moderate hypofractionation (60 Gy/20 fx in four weeks or 70 Gy/28 fx in six weeks), without androgen deprivation therapy.	Strong

6.2.2.5 Guidelines for the treatment of intermediate-risk disease

Radiotherapeutic treatment	
Offer low-dose rate brachytherapy to selected patients (see Section 6.2.3.2.3); patients without a previous transurethral resection of the prostate and with a good International Prostatic Symptom Score and a prostate volume < 50 mL.	Strong
For external-beam radiation therapy (EBRT), use a total dose of 76-78 Gy or moderate hypofractionation (60 Gy/20 fx in four weeks or 70 Gy/28 fx in six weeks), in combination with short-term neoadjuvant plus concomitant androgen deprivation therapy (ADT) (four to six months).	Strong

6.2.3.4 Guidelines for radical treatment of high-risk localised disease

Radiotherapeutic treatment	
In patients with high-risk localised disease, use external-beam radiation therapy (EBRT) with 76-78 Gy in combination with long-term androgen deprivation therapy (ADT) (two to three years).	Strong
In patients with high-risk localised disease, use EBRT with brachytherapy boost (either high-dose rate or low-dose rate), in combination with long-term ADT (two to three years).	Weak

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