

SPECIALISED COMMISSIONING – RESPONSE TO AMENDMENTS REQUESTED TO EVIDENCE REVIEW DURING ENGAGEMENT OR CONSULTATION

URN	1831
POLICY TITLE	Brachytherapy dose escalation with external beam radiotherapy for intermediate- and high-risk localised prostate cancer (adults)
CRG	Radiotherapy
NPOC	Cancer
Date	04/02/2021

<p>Description of comments during consultation (If studies have been suggested please provide a list of references)</p>	<p>Stakeholders asked for the findings and relevance of the following studies to be considered in the development of the policy:</p> <ul style="list-style-type: none"> • <i>Jackson W, Hartman H, et al. Addition of Androgen-Deprivation Therapy or Brachytherapy Boost to External Beam Radiotherapy for Localized Prostate Cancer: A Network Meta-Analysis of Randomized Trials. J Clin Oncol. 2020; 38(26): 3024-3031.</i> • <i>Parry M, Nossiter J, et al. Impact of High-Dose-Rate and Low-Dose-Rate Brachytherapy Boost on Toxicity, Functional and Cancer Outcomes in Patients Receiving External Beam Radiation Therapy for Prostate Cancer: A National Population-Based Study. International Journal of Radiation Oncology, Biology, Physics. 2020 doi: 10.1016/j.ijrobp.2020.11.023</i> • <i>Patel AK, Houser C, et al. Acute patient-reported bowel quality of life and rectal bleeding with the combination of prostate external beam radiation, low-dose-rate brachytherapy boost, and SpaceOAR. Brachytherapy. 2020; 19(4): 477-483.</i> • <i>Taggar A, Charas T, et al. Placement of an absorbable rectal hydrogel spacer in patients undergoing low-doserate brachytherapy with</i>
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	<p><i>palladium-103. Brachytherapy. 2018; 17(2): 251-258.</i></p> <ul style="list-style-type: none"> • <i>Zelevsky M, Nedelka M, et al. Combined brachytherapy with external beam radiotherapy for localized prostate cancer: reduced morbidity with an intraoperative brachytherapy planning technique and supplemental intensity modulated radiation therapy. Brachytherapy. 2008; 7(1): 1-6.</i>
Action taken by Public Health lead	The papers were reviewed against the original PICO criteria for the evidence review that informed the policy proposition.
Outcome for studies suggested during consultation	
1. Evidence already identified during the evidence review	No submitted evidence met this criterion.
2. New evidence identified by stakeholders that does not fall within PICO and search methodology	<ul style="list-style-type: none"> • <i>Jackson W, Hartman H, et al. Addition of Androgen-Deprivation Therapy or Brachytherapy Boost to External Beam Radiotherapy for Localized Prostate Cancer: A Network Meta-Analysis of Randomized Trials. J Clin Oncol. 2020; 38(26): 3024-3031.</i> The study was published after the time frame used for the literature search in the evidence review and it did not meet the other PICO criteria (the different methods of brachytherapy were combined). • <i>Patel AK, Houser C, et al. Acute patient-reported bowel quality of life and rectal bleeding with the combination of prostate external beam radiation, low-dose-rate brachytherapy boost, and SpaceOAR. Brachytherapy. 2020; 19(4): 477-483.</i> The study was published after the time frame used for the literature search and it did not meet the other PICO criteria (no comparator). • <i>Taggar A, Charas T, et al. Placement of an absorbable rectal hydrogel spacer in patients undergoing low-doserate brachytherapy with palladium-103. Brachytherapy. 2018; 17(2): 251-258.</i>

	<p>The study did not have a comparator.</p> <ul style="list-style-type: none"> • <i>Zelevsky M, Nedelka M, et al. Combined brachytherapy with external beam radiotherapy for localized prostate cancer: reduced morbidity with an intraoperative brachytherapy planning technique and supplemental intensity modulated radiation therapy. Brachytherapy. 2008; 7(1): 1-6.</i> The study did not have a comparator.
<p>3.New evidence identified by stakeholders that falls within PICO and search methodology but does not materially affect the conclusions of the existing evidence review</p>	<ul style="list-style-type: none"> • <i>Parry M, Nossiter J, et al. Impact of High-Dose-Rate and Low-Dose-Rate Brachytherapy Boost on Toxicity, Functional and Cancer Outcomes in Patients Receiving External Beam Radiation Therapy for Prostate Cancer: A National Population-Based Study. International Journal of Radiation Oncology, Biology, Physics. 2020 doi: 10.1016/j.ijrobp.2020.11.023</i> The study was published after the time frame used for the literature search in the evidence review. However, it did meet the other PICO criteria.
<p>4.New evidence identified by stakeholders that falls within PICO and search methodology, that does materially affect the conclusions of the existing evidence review. Updated evidence review to be undertaken (agreed with CET)</p>	<p>No submitted evidence met this criterion.</p>