

Literature Search

ACR Appropriateness Criteria®

External Beam Radiation Therapy Treatment Planning for Clinically Localized Prostate Cancer

Literature Search Performed on: 1/27/2015

Beginning Date: January 2010

End Date: December 2014

Database: Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily, Ovid MEDLINE(R) and Ovid OLDMEDLINE(R) <1946 to Present>

Search Strategy:

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- 1 exp Radiotherapy, Image-Guided/ or exp Radiotherapy, High-Energy/ or exp Radiotherapy, Conformal/ or exp Radiotherapy, Intensity-Modulated/ (26893)
 - 2 Prostatic Neoplasms/ (94333)
 - 3 1 and 2 (3154)
 - 4 Prostatic Neoplasms/rt [Radiotherapy] (11326)
 - 5 3 or 4 (11551)
 - 6 target volume definition.mp. (206)
 - 7 organ\$ at risk.mp. (2969)
 - 8 contouring.mp. (2356)
 - 9 intrafraction motion.mp. (170)
 - 10 interfraction motion.mp. (43)
 - 11 Radiotherapy Planning, Computer-Assisted/ (13518)
 - 12 6 or 7 or 8 or 9 or 10 or 11 (17102)
 - 13 5 and 12 (2216)
 - 14 limit 13 to "all child (0 to 18 years)" (23)
 - 15 13 not 14 (2193)
 - 16 limit 15 to (abstracts and english language and humans and yr="2010 -Current") (826)
 - 17 limit 16 to case reports (9)
 - 18 16 not 17 (817)
 - 19 remove duplicates from 18 (807)

Notes:

exp = explode (retrieves results using the selected term and all of its more specific terms)

.mp = multi-purpose (retrieves results that have this keyword in several fields)

Literature Search Summary

Of the 133 citations in the original bibliography, 58 were retained in the final document. Articles were removed from the original bibliography if they were more than 10 years old and did not contribute to the evidence or they were no longer cited in the revised narrative text.

A new literature search was conducted in January 2015 to identify additional evidence published since the *ACR Appropriateness Criteria® External Beam Radiation Therapy Treatment Planning for Clinically Localized Prostate Cancer* topic was finalized. Using the search strategy described above, 807 articles were found. Thirty-three articles were added to the bibliography. Seven hundred seventy-four articles were not used due to either poor study design, the articles were not relevant or generalizable to the topic, the results were unclear, misinterpreted, or biased, or the articles were already cited in the original bibliography.

The author added 127 citations from bibliographies, websites, or books that were not found in the new literature search.

Seven citations are supporting documents that were added by staff.