

Prostate Cancer

Current Awareness Bulletin

December 2020

This Current Awareness Bulletin is produced by the Yeovil Academy Library to provide staff with a range of prostate cancer-related resources to support practice. It includes recently published guidelines and research articles.



In order to get the most from this bulletin, you will need an OpenAthens username and password. This will grant full text access to many of the listed resources. To register for an OpenAthens account go to: openathens.nice.org.uk.

Systematic Reviews



[Abiraterone acetate in combination with androgen deprivation therapy compared to androgen deprivation therapy only for metastatic hormone-sensitive prostate cancer](#)

Niranjan J Sathianathan, Makinna C Oestreich, Sarah Jane Brown, Shilpa Gupta, Badrinath R Konety, Philipp Dahm, Frank Kunath

Intervention

Review

12 December 2020

Systemic androgen deprivation therapy (ADT), also referred to as hormone therapy, has long been the primary treatment for metastatic prostate cancer. Additional agents have been reserved for the castrate-resistant disease stage when ADT start becoming less effective.

[Prostatic arterial embolization for the treatment of lower urinary tract symptoms in men with benign prostatic hyperplasia](#)

Jae Hung Jung, Karen Ann McCutcheon, Michael Borofsky, Shamar Young, Jafar Golzarian, Balaji Reddy, Tae Young Shin, Myung Ha Kim, Vikram Narayan, Philipp Dahm

Intervention

Review

19 December 2020

A variety of minimally invasive surgical approaches are available as an alternative to transurethral resection of the prostate (TURP) for management of lower urinary tract symptoms (LUTS) in men with benign prostatic hyperplasia (BPH).

[Retzius-sparing versus standard robotic-assisted laparoscopic prostatectomy for the treatment of clinically localized prostate cancer.](#)

Joel E Rosenberg, Jae Hung Jung, Zach Edgerton, Hunju Lee, Solam Lee, Caitlin J Bakker, Philipp Dahm
Intervention
Review

18 August 2020

Robotic-assisted laparoscopic prostatectomy (RALP) is widely used to surgically treat clinically localized prostate cancer. It is typically performed using an approach (standard RALP) that mimics open retropubic prostatectomy by dissecting the so-called space of Retzius anterior to the bladder.

[Bisphosphonates or RANK-ligand-inhibitors for men with prostate cancer and bone metastases: a network meta-analysis](#)

Tina Jakob, Yonas Mehari Tesfamariam, Sascha Macherey, Kathrin Kuhr, Anne Adams, Ina Monsef, Axel Heidenreich, Nicole Skoetz

Intervention

Review

3 December 2020

Different bone-modifying agents like bisphosphonates and receptor activator of nuclear factor-kappa B ligand (RANKL)-inhibitors are used as supportive treatment in men with prostate cancer and bone metastases to prevent skeletal-related events (SREs).



1. [Active monitoring, radical prostatectomy and radical radiotherapy in PSA-detected clinically localised prostate cancer: the ProtecT three-arm RCT \(Full text\)](#)

[Full text: YDH](#)

2020 NIHR HTA programme PubMed abstract

2. [Therapies for Clinically Localized Prostate Cancer](#)

2020 Effective Health Care Program (AHRQ)

3. [Role of percutaneous nephrostomy in end of life prostate cancer patients: a systematic review of the literature. \(Full text\)](#)

[Full text: YDH](#)

2020 Central European journal of urology PubMed abstract

4. [Reliability of the different versions of Partin tables in predicting extraprostatic extension of prostate cancer: a systematic review and meta-analysis. \(Abstract\)](#)

[Full text: YDH](#)

2020 Minerva urologica e nefrologica = The Italian journal of urology and nephrology

5. [Metastatic castration-resistant prostate cancer: Academic insights and perspectives through bibliometric analysis. \(Full text\)](#)

[Full text: YDH](#)

2020 Medicine PubMed abstract

6. [Association between coffee consumption and overall risk of being diagnosed with or dying from cancer among >300 000 UK Biobank participants in a large-scale Mendelian randomization study. \(Full text via LibKey\)](#)

2020 International journal of epidemiology PubMed abstract

7. [Prostatic urethral lift procedure for men with benign prostatic hyperplasia](#)
2020 Medical Services Advisory Committee
8. [Cancer Screening: Interventions Engaging Community Health Workers – Breast Cancer](#)
2020 Community Preventive Services Task Force
9. [Cancer Screening: Interventions Engaging Community Health Workers – Cervical Cancer](#)
2020 Community Preventive Services Task Force
10. [Cancer Screening: Interventions Engaging Community Health Workers – Colorectal Cancer](#)
2020 Community Preventive Services Task Force
11. [Precision public health – A critical review of the opportunities and obstacles](#)
2020 EPPI Centre
12. [Prevention, Diagnosis, and Management of Opioids, Opioid Misuse, and Opioid Use Disorder in Older Adults](#)
2020 Effective Health Care Program (AHRQ)
13. [Ustekinumab for the treatment of adult patients with moderately to severely active ulcerative colitis \(UC\) who have had an inadequate response with, lost response to, or were intolerant to either conventional therapy or a biologic, or have medical contraindications](#)
2020 EUnetHTA
14. [Impact of Community Health Worker Certification on Workforce and Service Delivery for Asthma and Other Selected Chronic Diseases](#)
2020 Effective Health Care Program (AHRQ)

UpToDate

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[Screening for prostate cancer](#)

Literature review current through: Nov 2020. | This topic last updated: Mar 02, 2020.

Prostate cancer is common and is among the main causes of cancer-related death. At the same time, in many cases, prostate cancer grows so slowly that it does not impact survival; hence, routine screening is controversial.

[Prostate cancer in older men](#)

Literature review current through: Nov 2020. | This topic last updated: Apr 13, 2020.

Prostate cancer in older men is particularly important because of the high incidence and prevalence of disease and mortality in this group of patients. Management of prostate cancer in men over the age of 70 can be complicated by the comorbidity, competing mortality, and health status issues specific to this group; in addition, there are generally limited data on the efficacy of newer treatments because older patients are underrepresented in clinical trials in prostate cancer.

[Risk factors for prostate cancer](#)

Literature review current through: Nov 2020. | This topic last updated: Mar 16, 2020.

Prostate cancer is the second most common cancer in men worldwide, with over 1.2 million cases and 358,000 deaths annually, according to data from the World Health Organization (WHO) [GLOBOCAN](#) database. The current lifetime risk of prostate cancer for men living in the United States is estimated to be approximately one in nine [\[1\]](#), but incidence is highly dependent on the number of prostate-specific antigen (PSA)-driven biopsies.

Journal Articles

If you would like help obtaining any of the articles, please contact the Library.

NICE Healthcare Databases

[1. Examination of potential novel biochemical factors in relation to prostate cancer incidence and mortality in UK Biobank.](#)

Author(s) Perez-Cornago ; Fensom, Georgina K.; Andrews, Colm; Watts, Eleanor L.; Allen, Naomi E. [et al.](#)

Source British Journal of Cancer; Dec 2020; vol. 123 (no. 12); p. 1808-1817

Language English

Publication Date Dec 2020

DOI [10.1038/s41416-020-01081-3](#)

ISSN 00070920

Database CINAHL

[Available in full text at British journal of cancer from Unpaywall](#)

[2. Black African and black Caribbean men's understanding and experiences of prostate cancer post-treatment in England: a qualitative study.](#)

Author(s) Alexis

Source Cancer Nursing Practice; Nov 2020; vol. 19 (no. 6); p. 31-36

Language English

Publication Date Nov 2020

DOI [10.7748/cnp.2020.e1732](#)

ISSN 14754266

Database CINAHL

There is a need to raise awareness about prostate cancer in black communities to educate men about the disease and its effects. Additionally, evidence-based information about the disease is required to educate black men and to reduce the effects of misinformation and herbal remedies on their well-being. In the health sector, unconscious bias should be recognised, addressed and avoided to ensure inclusive and person-centred care regardless of ethnicity.

[Available in full text at Cancer Nursing Practice from Unpaywall](#)

[3. Use of bisphosphonates and other bone supportive agents in the management of prostate cancer-A UK perspective.](#)

Author(s) Payne ; Bahl, Amit; O'Sullivan, Joe M.

Source International Journal of Clinical Practice; Nov 2020; vol. 74 (no. 11); p. 1-9

Language English

Publication Date Nov 2020

DOI [10.1111/ijcp.13611](#)

ISSN 13685031

Database CINAHL

Uro-oncologists in the UK generally do not use bone supportive agents for men with metastatic hormone-naïve prostate cancer or those with non-metastatic disease. However, increasing the duration of ADT and the presence of castration-resistant metastatic prostate cancer increases use.

[Available in full text at International journal of clinical practice from Wiley Online Library Medicine and Nursing Collection 2020](#)

[4. GP experience and understandings of providing follow-up care in prostate cancer survivors in England.](#)

Author(s) Margariti ; Gannon, Kenneth N.; Walsh, James J.; Green, James S. A.

Source Health & Social Care in the Community; Sep 2020; vol. 28 (no. 5); p. 1468-1478

Language English

Publication Date Sep 2020

DOI [10.1111/hsc.12969](#)

ISSN 09660410

Database CINAHL

Findings from this study suggest that GPs will be ready to take over the follow-up care of prostate cancer survivors if better information, additional training and adequate resources are provided and communication lines with hospital specialists are clear. Understanding the issues faced by GPs and overcoming identified barriers to providing follow-up care to prostate cancer survivors will provide the insight necessary to make the process of transferring care from secondary to primary teams a more straightforward task for all stakeholders.

[Available in full text at Health & social care in the community from Wiley Online Library Medicine and Nursing Collection 2020](#)

[5. Fatal prostate cancer incidence trends in the United States and England by race, stage, and treatment.](#)

Author(s) Butler ; Kelly, Scott P.; Coupland, Victoria H.; Rosenberg, Philip S.; Cook, Michael B.

Source British Journal of Cancer; Aug 2020; vol. 123 (no. 3); p. 487-494

Language English

Publication Date Aug 2020

DOI [10.1038/s41416-020-0859-x](#)

ISSN 00070920

Database CINAHL

[6. A cross-section of UK prostate cancer diagnostics during the coronavirus disease 2019 \(COVID-19\) era - a shifting paradigm?](#)

Author(s) Stroman, Luke; Cathcart, Paul; Lamb, Alastair; Challacombe, Ben; Popert, Rick

Source BJU international; Jan 2021; vol. 127 (no. 1); p. 30-34

Publication Date Jan 2021

DOI [10.1111/bju.15259](#)

ISSN 1464-410X

Database Medline

[Available in full text at BJU international from Wiley Online Library Medicine and Nursing Collection 2020](#)

[Available in full text at BJU international from Wiley Online Library Free Content - NHS](#)

[More full-text links...](#)

[7. Influence of deprivation and rurality on patient-reported outcomes of men living with and beyond prostate cancer diagnosis in the UK: A population-based study.](#)

Author(s) Smith, Lesley; Downing, Amy; Norman, Paul; Wright, Penny; Hounsome, Luke [et al.](#)

Source Cancer epidemiology; Dec 2020; vol. 69 ; p. 101830

Publication Date Dec 2020

DOI [10.1016/j.canep.2020.101830](#)

ISSN 1877-783X

Database Medline

In men 18-42 months post diagnosis of prostate cancer in the UK, impacts of area deprivation and rurality on self-assessed health related quality of life were not greater than would be expected in the general population. However, clinically meaningful differences were identified for some prostate functional outcomes (urinary and hormonal function) by deprivation. No impact by rurality of residence was identified.

[8. Management of Newly-diagnosed Metastatic Hormone-sensitive Prostate Cancer: a Survey of UK Uro-oncologists.](#)

Author(s) Bahl, Amit; Crabb, Simon; Ford, Dan; Jones, Rob; Malik, Zaf [et al.](#)

Source International journal of clinical practice; Nov 2020 ; p. e13874

Publication Date Nov 2020

DOI [10.1111/ijcp.13874](#)

ISSN 1742-1241

Database Medline

All the UK uro-oncologists those surveyed stated that they would offer docetaxel in combination with ADT to all newly-diagnosed patients with mHSPC if fit enough for chemotherapy. ARTAs would be offered to many patients if available, especially those with high-risk disease or those unfit to receive chemotherapy. Scanning was typically conducted following treatment only at suspicion of disease progression.

[Available in full text at International journal of clinical practice from Wiley Online Library Medicine and Nursing Collection 2020](#)

[9. Circulating insulin-like growth factor-I, total and free testosterone concentrations and prostate cancer risk in 200 000 men in UK Biobank.](#)

Author(s) Watts, Eleanor L; Fensom, Georgina K; Smith Byrne, Karl; Perez-Cornago, Aurora; Allen, Naomi E [et al.](#)

Source International journal of cancer; Nov 2020

Publication Date Nov 2020

DOI [10.1002/ijc.33416](#)

ISSN 1097-0215

Database Medline

Insulin-like growth factor-I (IGF-I) and testosterone have been implicated in prostate cancer aetiology. Using data from a large prospective full-cohort with standardised assays and repeat blood measurements, and genetic data from an international consortium, we investigated the associations of circulating IGF-I, sex hormone-binding globulin (SHBG), and total and calculated free testosterone concentrations with prostate cancer incidence and mortality.

[Available in full text at International journal of cancer from Wiley Online Library Medicine and Nursing Collection 2020](#)

[Available in full text at International journal of cancer from Unpaywall](#)

[10. The management of hot flushes for men treated with androgen deprivation therapy for prostate cancer: a survey of UK practice.](#)

Author(s) Kinnaird, William; Mehta, Ami; Guo, Carina; Payne, Heather; Jenkins, Valerie [et al.](#)

Source Acupuncture in medicine : journal of the British Medical Acupuncture Society; Oct 2020 ; p. 964528420959078

Publication Date Oct 2020

DOI [10.1177/0964528420959078](#)

ISSN 1759-9873

Database Medline

[Available in full text at Acupuncture in medicine : journal of the British Medical Acupuncture Society from Unpaywall](#)

[11. Natural history of prostate cancer on active surveillance: stratification by MRI using the PRECISE recommendations in a UK cohort.](#)

Author(s) Giganti, Francesco; Stabile, Armando; Stavrinides, Vasilis; Osinibi, Elizabeth; Retter, Adam [et al.](#)

Source European radiology; Sep 2020

Publication Date Sep 2020

DOI [10.1007/s00330-020-07256-z](#)

ISSN 1432-1084

Database Medline

Patients without radiological progression on MRI (PRECISE 1-3) during AS had a very low likelihood of clinical progression and many could avoid routine re-biopsy. KEY POINTS • Patients without radiological progression on MRI (PRECISE 1-3) during AS had a very low likelihood of clinical progression and many could avoid routine re-biopsy. • Clinical progression was almost always detectable in patients with radiological progression on MRI (PRECISE 4-5) during AS. • Patients with radiological progression on MRI (PRECISE 4-5) during AS showed a trend to an increase in PSA density.

[Available in full text at European radiology from Unpaywall](#)

Library Resources

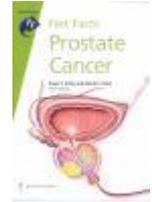
The books listed below are a selection of those that can be found at the library. To search the library catalogue in full, visit swims.nhs.uk.

[Prostate cancer \(6th ed\) \(2009\)](#)
Kirby, Roger S.; Patel, Manish I.

[Kirby, Roger S. \(Author\)](#)

[WJ752](#)

Book



In the News

Nursing Times

[Prostate cancer charity seeking nurses for leadership programme](#)

07 December, 2020

Nurses with an ambition to transform prostate cancer care are being offered help to bring their ideas to life through a new leadership programme.

[Winners of the 2020 Nursing Times Awards revealed](#)

18 November, 2020

The winners of this year's Nursing Times Awards have been revealed during a virtual ceremony held on 18 November. Our winners were announced during a free, virtual event broadcast live online.

['Covid-friendly' cancer treatments rolled out as NHS ramps up service levels](#)

04 August, 2020

A range of 'Covid-friendly' cancer treatments are to be extended and expanded amid a new push to get all cancer services back up and running.

This current awareness bulletin contains an inexhaustive selection of information that has not been critically appraised by library staff. It is therefore the responsibility of the reader to appraise this information for accuracy and relevance.

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