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Oncology Bulletin

Nov/Dec 2024

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Articles

Cancer cachexia

BMJ, 387, 23rd October 2024

This article provides an update on cancer cachexia for healthcare professionals drawing on contemporary research and guidelines developed by the European Society for Medical Oncology (ESMO) and the American Society of Clinical Oncology (ASCO).

Barriers to effective end of life care in the acute sector: a literature review

Cancer Nursing Practice, 25th October 2024

This article describes the findings of a literature review that aimed to explore these barriers.

Artificial intelligence across oncology specialties: current applications and emerging tools

BMJ Oncology 2024; 3:e000134

In this review, we provide multidisciplinary perspectives on oncology applications touched by AI— imaging, pathology, patient triage, radiotherapy, genomicsdriven therapy and surgery— and integration with existing tools—natural language processing, digital twins and clinical informatics.

How you can use AI to improve your cancer care practice

Cancer Nursing Practice 23, 6, 4th November 2024

Artificial intelligence may transform cancer diagnosis and treatment, so nurses should look for opportunities to learn more about it

Communication and information needs of older people with cancer: a systematic review

Cancer Nursing Practice, 23, 6, pp. 27-33

A systematic review of the literature explored the communication and information needs of older people with cancer.



Health inequalities in cancer care: a literature review of pathways to diagnosis in the United Kingdom

The Lancet, Vol 76, October 2024

This literature review discusses current health disparities in cancer care in the United Kingdom, spanning access to services, diagnosis, and outcomes.

Consensus, debate, and prospective on pancreatic cancer treatments

Journal of Hematology & Oncology (2024) 17:92

This review discusses the current treatment modalities and highlights innovative therapies for pancreatic cancer.

Advances in systemic treatment for recurrent metastatic cervical cancer

British Journal of Hospital Medicine Vol. 85, No. 10 pp.1-10

This study aims to evaluate the efficacy and safety of emerging therapeutic approaches in managing this challenging condition, including immunotherapy, targeted medicines, and chemotherapy.

New Anti-Angiogenic Therapy for Glioblastoma With the Anti-Depressant Sertraline

Cancer Medicine, 2024; 13:e70288

Anti-angiogenic therapies prolong patient survival in some malignancies but not glioblastoma. We focused on the relationship between the differentiation of glioma stem like cells (GSCs) into tumor derived endothelial cells (TDECs) and, anti-angiogenic therapy resistance. Especially we aimed to elucidate the mechanisms of drug resistance of TDECs to anti-angiogenic inhibitors and identify novel anti-angiogenic drugs with clinical applications.

Intensive chemotherapy versus standard chemotherapy among patients with high risk, operable, triple negative breast cancer based on integrated mRNA-lncRNA signature (BCTOP-T-A01): randomised, multicentre, phase 3 trial

BMJ, 387, 23rd October 2024

Objective: To evaluate the feasibility of using a multigene signature to tailor individualised adjuvant therapy for patients with operable triple negative breast cancer.

Overview of anaerobic infections in children and their treatment

Journal of Infection and Chemotherapy, 2024-11-01, 30, 11, pp. 1104-1113

The review outlines the spectrum and treatment of anaerobic infections in children...

Assessing the sensitivity and acceptability of the Royal Marsden Palliative Care Referral "Triggers" Tool for outpatients with cancer

Supportive Care in Cancer (2024) 32:730 pp. 1-13

To evaluate the use, acceptability, and experience of a seven-item palliative care referral screening tool in an outpatient oncology setting

Breast cancer-related lymphedema: A critical review on recent progress

Surgical Oncology 56 (2024) 102124

Beginning with clinical condition, the article explores the pathophysiology and risk factors associated with post-mastectomy lymphedema...

[New government tech deals boost the business of cancer detection - GOV.UK \(www.gov.uk\)](https://www.gov.uk)

A raft of new UK-created therapies for cancer will be trialled in the UK – furthering the nation's life sciences industry as one of the great drivers of economic growth.



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Nurses

Training session*

Date: Tuesday Dec 10, 2024

Time: 14:00hrs

Duration: 30 min (+ Q&A 15min)

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Dec 10th 2024 2pm-2:45pm - Nursing staff

<https://events.teams.microsoft.com/event/af637f66-2836-4883-9196-d5060623636a@9274ee3f-9425-4109-a27f-9fb15c10675d>

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Online resources

BMJ Best Practice is available to all NHS staff. This clinical decision support tool provides step-by-step guidance on diagnosis, prognosis, treatment and prevention of a wide variety of conditions.

<https://bestpractice.bmj.com/oafed>

ClinicalKey is a database which supports healthcare professionals by providing access to the latest evidence across specialties.

<https://www.clinicalkey.com/>

