



Oncology Bulletin

January 2024

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Articles

NHS embraces AI-assisted radiotherapy technology

The UK's National Health Service (NHS) is taking substantial steps towards enhancing radiotherapy treatments through the integration of artificial intelligence (AI) technology. *Lancet Oncology*, The, 2023-08-01, Vol 24, Issue 8, pp. e330-e330

<https://radiotherapy.org.uk/wp-content/uploads/2023/07/Industry-Summit.-June-23.pdf>

Summit report; July 2023

NHS England ends treatment break rule in bowel cancer

In an important [change in policy](#), NHS England has permanently exempted the EGFR inhibitor therapies cetuximab and panitumumab in *KRAS* wild-type, metastatic colorectal cancer from its ban on unplanned treatment breaks.

***Lancet Oncology*, 2023-08-01, Vol 24, Issue 8, pp. 842-842**

Which pandemic working practices should be kept? Perspectives from staff working in a breast cancer service

The aim of this study was to explore how these changes affected staff members' care practices and experiences, and how this has influenced subsequent changes to breast cancer services.

***British Journal of Healthcare Management* Vol. 29, No. 12 pp.1-12**

Patients' experiences of clinical foot reflexology in a hospital cancer service

This article describes the foot reflexology service and the treatment offered. It also reports the findings of a service evaluation that involved a retrospective review of patient combined consent/evaluation forms to identify patient concerns (symptoms), to measure patients' self-reported levels of concern before and after reflexology treatment and to capture patients' experience of the service.

***Cancer Nursing Practice*, 23, 1, 2023**

Living with chemotherapy-induced peripheral neuropathy: a nested qualitative study

The purpose of this study was to gather and analyse the experiences of people living with chemotherapy-induced peripheral neuropathy (CIPN).

***British Journal of Nursing* Vol. 32, No. 20 pp. 978-986**



Application of artificial intelligence in ultrasound imaging for predicting lymph node metastasis in breast cancer: A meta-analysis

This study aims to comprehensively evaluate the accuracy and effectiveness of ultrasound imaging based on artificial intelligence algorithms in predicting lymph node metastasis in breast cancer patients through a meta-analysis.

Clinical Imaging, 2024-02-01, Vol106, Article 110048,

The future of cancer care in the UK—time for a radical and sustainable National Cancer Plan

In this Policy Review, we describe the challenges and opportunities that are needed to develop radical, yet sustainable plans, which are comprehensive, evidence-based, integrated, patient-outcome focused, and deliver value for money.

Lancet Oncology, The, 2024-01-01, Vol 25, Issue 1, pp. e6-e17

Advances in the management of pancreatic cancer

This review outlines the current management of pancreatic cancer, and the recent advances in its treatment. The review discusses future treatment pathways aimed at integrating novel findings of translational and clinical research

BMJ, 383, 13th December 2023

Educating Oncology Staff About the Practice of Writing Condolence Cards

Clinical Journal of Oncology Nursing. 2023 November 16; 27(6): 583–588.

Abdominal fat and muscle distributions in different stages of colorectal cancer

The purpose of this study is to explore the difference of abdominal fat and muscle composition, especially subcutaneous and visceral adipose tissue, in different stages of colorectal cancer (CRC).

BMC Cancer; London Vol. 23, (2023): pp.1-9.

3D-based strain analysis and cardiotoxicity detection in cancer patients received chemotherapy

The purpose of this study was to evaluate the effectiveness of three-dimensional speckle tracking imaging (3D-STI) in diagnosing and predicting the likelihood of cardiotoxicity. This was achieved by conducting a systematic review of original research articles

BMC Cancer; London Vol. 23, (2023): pp.1-17.

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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.
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