Dear Joe Bloggs,

Welcome to your Evidence Update email from KnowledgeShare. The resources listed below have been chosen based on the interests you have provided. I hope they are useful. Please contact me via email if you would like a copy of any of the journal articles. If you would like to change the interests we have listed, stop receiving the notifications, or request a search on a specific topic, please don't hesitate to let me know.

If you need help getting hold of the full text of anything here then please email me back. For more information about the KnowledgeShare Current Awareness service contact me using the details below.

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Articles

The following journal articles are available from the Library and Knowledge Service electronically or in print. Please follow links to access full text online, contact me to order copies, or call into your nearest library.

**20-Year Risks of Breast-Cancer Recurrence after Stopping Endocrine Therapy at 5 Years.**
[Meta-analysis of 88 trials (n=62,923) found that after 5 years of adjuvant endocrine therapy for ER+ breast-cancer, recurrences continued to occur steadily throughout the study period (5-20 years). The risk of distant recurrence was strongly correlated with the original TN status.]
*Contact the library for a copy of this article*

**Tumour bed boost radiotherapy for women after breast-conserving surgery.**
[It appears that local control rates are increased with the boost to the tumour bed, but we found no evidence of a benefit for other oncological outcomes. Subgroup analysis including women older than 40 years of age yielded similarly significant results. Objective percentage of breast retraction assessment appears similar between groups. It appears that the cosmetic outcome is worse with the boost to the tumour bed, but only when measured by a panel, not when assessed by a physician.]
*Freely available online*

Events

*You may be interested in this (these) forthcoming event(s):*

**Research Strengths in Cancer Biology symposium.**
[The second Brighton and Sussex Cancer Network symposium is being organised by Sarah Newbury, Professor of RNA Biology at BSMS; Dr George Giamas, Life Sciences, University of Sussex; and Dr Mel Flint, School of Pharmacy and Biomolecular Sciences, University of Brighton.]
University of Sussex
All day event on: 12th December, 2017
Guidelines

The following new guidance has recently been published:

High-intensity focused ultrasound for symptomatic breast fibroadenoma.
National Institute for Health and Care Excellence (NICE); 2017.
https://www.nice.org.uk/guidance/ipg592

"1 Recommendations. 1.1 The evidence on high-intensity focused ultrasound for symptomatic breast fibroadenoma raises no major safety concerns. Evidence on its efficacy is inadequate in quantity and quality. Therefore, this procedure should only be used with special arrangements for clinical governance, consent and audit or research..."

Freely available online

Suspected cancer: recognition and referral.
National Institute for Health and Care Excellence (NICE); 2017.
https://www.nice.org.uk/guidance/ng12

[This guideline covers the identifying children, young people and adults with symptoms that could be caused by cancer... In July 2017, recommendation 1.3.4 was stood down as it has been superseded by newly-published NICE diagnostics guidance on quantitative faecal immunochemical tests to guide referral for colorectal cancer in primary care. Recommendation 1.3.1 was amended to remove a link to recommendation 1.3.4.]

Freely available online

UpToDate What's New: Long-term outcomes of women with breast cancer and sentinel lymph node metastasis.
UpToDate; 18th October 2017.
https://www.uptodate.com/contents/overview-of-sentinel-lymph-node-biopsy-in-breast-cancer?source=see_link&sectionName=One%20or%20two%20sentinel%20node%20metastases&ancor=H164859&mtk_tok=eyJpIjoiTXpoaE5tWmpNV0l4TVRKaCIsInQiOiJNRFRLcUdXS1RreWY4VXRyeStSV1ZsdFBqMVvwMCI2RVY2RHczWW5heFl5UGRmSmozT2xoQjZUYmlISVGviTFhGdXxzbWMrN0RGK1FDUjBrQ0xNR04SQ2FhVGFCBzSXNvUXpXNkowen2wS0YwdUVxRIRzBVvwcWlhbmNldFwvRysfQ%3D%3D#H164859

[The results support the early conclusion from the American College of Surgeons Oncology Group Z0011 group that women with only one or two positive nodes on SLND who are undergoing breast conserving surgery with radiation and adjuvant systemic therapy do not require routine ALND. See 'Overview of sentinel lymph node biopsy in breast cancer', section on 'One or two sentinel node metastases'.]

Available with appropriate registration or membership

Reports

The following report(s) may be of interest:

Cancer treatment response may be affected by gut bacteria.
NHS Choices - Behind The Headlines; 2017.
The study involved looking at the gut bacteria of 249 people who'd received immunotherapy for different types of cancer, some of whom had also taken antibiotics. Researchers found gut bacteria differed between people who responded well to immunotherapy and those who didn’t. People who had a positive response tended to have more of a certain bacteria called Akkermansia muciniphila.]

Freely available online