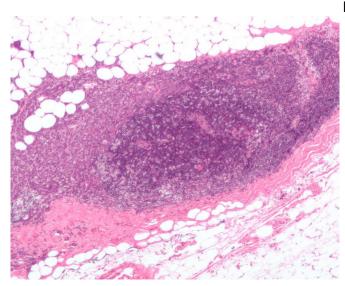


'Lipofilling' technique found safe for reconstruction after breast cancer surgery

6 June 2018



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More information: T. K. Krastev et al, Metaanalysis of the oncological safety of autologous fat transfer after breast cancer, *British Journal of Surgery* (2018). DOI: 10.1002/bjs.10887

Provided by Wiley

Micrograph showing a lymph node invaded by ductal breast carcinoma, with extension of the tumour beyond the lymph node. Credit: Nephron/Wikipedia

Autologous fat transfer, also known as "lipofilling", is a minimally invasive procedure in which the plastic surgeon uses the patient's own fat obtained by liposuction to perform breast reconstruction. For more than a decade, experts have questioned the oncological safety of this technique when applied to the former breast cancer patient, because autologous fat transfer stimulates the formation of blood vessels and tissue regeneration; however, a recent *BJS* (*British Journal of Surgery*) meta-analysis of published studies found that the technique does not result in an increased rate of cancer recurrence.

The findings indicate that autologous fat transfer can be performed safely in <u>breast reconstruction</u> after breast cancer.

"Lipofilling need not be feared of causing cancer relapse in the former breast cancer patient," said



APA citation: 'Lipofilling' technique found safe for reconstruction after breast cancer surgery (2018, June 6) retrieved 7 September 2022 from https://medicalxpress.com/news/2018-06-lipofilling-technique-safe-reconstruction-breast.html

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