

Sentinel lymph node biopsy in early-stage breast cancer: ASCO guideline update.

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American Society of Clinical Oncology (ASCO)

Park KU, Somerfield MR, Anne N, et al. Sentinel lymph node biopsy in early-stage breast cancer: ASCO guideline update. J Clin Oncol. 2025 May 10;43(14):1720-1741. [146 references] [PubMed](#)

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Overview

Guideline Objective

To update the ASCO evidence-based recommendations on the use of sentinel lymph node biopsy (SLNB) in patients with early-stage breast cancer treated with initial surgery

Patient Population

Patients with early-stage breast cancer (stages I and II) treated with upfront surgery

Recommendations

Recommendation Statements

Major interventions covered in this guideline include:

- Guidance on use of postmastectomy radiation (RT) with regional nodal irradiation (RNI) and omission of SLNB
- Guidance on use of axillary lymph node dissection (ALND) for patients with node-negative breast cancer or nodal metastases who are planning to undergo mastectomy
- Role of sentinel node biopsy for specific types of breast cancers, patients with prior surgeries, and during pregnancy

Note: Refer to the [original guideline](#) for full recommendation statements.

Evidence Rating Scheme

Refer to the original guideline documentation for more information.

Recommendation Rating Scheme

Refer to the original guideline documentation for more information.

Related Content

Supporting Documents

- [Data Supplement](#).
- [ASCO Guidelines Methodology Manual](#); 2025 May 29.

Implementation Tools

- [Slide Set](#); 2025.
- [Summary of Recommendations Table](#); 2025.
- [Algorithms](#); 2025.
- [Visual Abstract](#); 2025.

- [Podcast](#); 2025 Apr 10.

Patient Education

No patient education materials available.

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TRUST Scorecard

Composition of Guideline Development Group (GDG)

Multidisciplinary GDG Members

Yes

Methodologist Involvement

Yes

Incorporation of Patient and Public Perspective



Systematic Review of Evidence

Literature Search



Study Selection



Evidence Synthesis



Foundations for Recommendations

Strength of Evidence Grade



Description of Benefits and Harms of Recommendations



Summary of Evidence Supporting Recommendations



Strength of Recommendations Rating



Clear Articulation of Recommendations



Funding Source

Yes

Disclosure and Management of Financial Conflicts of Interests



External Review



Updating

