

BREAST NODULECTOMY (FIBROADENOMA)

1. A nodular lesion labelled as X, measuring X cm, is received.
2. Externally, the specimen shows a yellowish surface / adipose appearance / no other remarkable features // a superficial lesion measuring XX cm is identified.
3. The surgical margin is inked with India ink.
4. On sectioning, the lesion shows a marginal relationship with the resection margins and displays a polylobulated / smooth / fasciculated cut surface, with a homogeneous / heterogeneous appearance and white / brownish coloration, etc.
5. Representative sections are submitted as follows:

1st Example (Fibroadenoma):

- A1: lateral margin, cruciate section.
- A2: opposite margin, cruciate section.
- A3: central section.

2nd Example (Atypical Fibroadenoma):

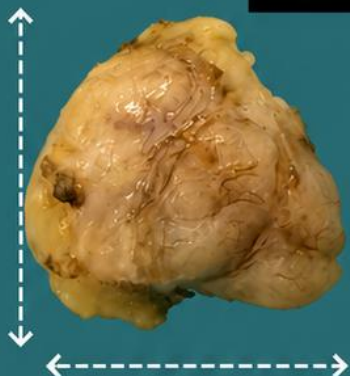
- A1: lateral margin, cruciate section.
- A2: opposite margin, cruciate section.
- A3–A5: central sections.

TO CONSIDER

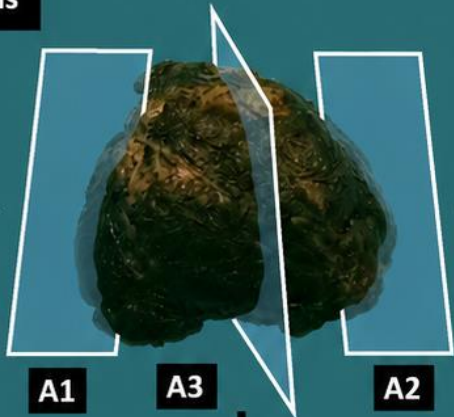
- Breast nodulectomies are lesions excised with narrow surgical margins, generally with a previous core biopsy (CNB) diagnosis of fibroadenoma or another benign lesion.
- Nevertheless, atypical foci / breast carcinoma / phyllodes tumour may be present. Therefore, correlation with the previous diagnosis is recommended, and margins should be inked.
- Measure, describe, ink, and section the specimen. The lesion margins usually correspond to the surgical margins.
- Submit representative sections:
 - Submit the lesion subtotal / entirely, depending on size. At minimum, one section per centimetre of the greatest dimension of the lesion, representing all margins.
 - Calcification foci may be present within the lesion.
 - If the patient has a BRCA mutation or a history of breast carcinoma, submit the specimen entirely.
- Decalcification of the specimen is not required.



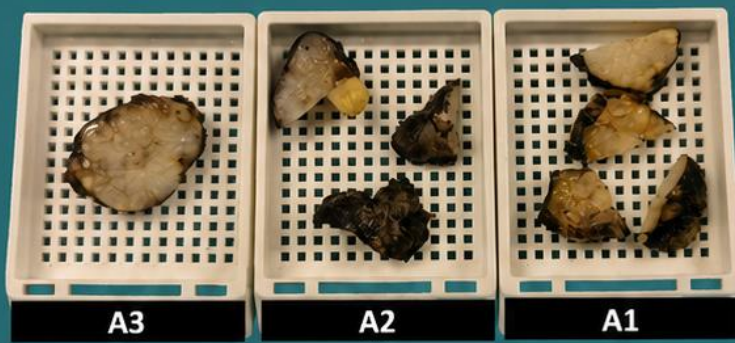
Assess margins



Breast fibroadenoma



1. Measure and weigh specimen
2. Describe external surface of specimen
3. Assess surgical margins
4. Section and describe cut surface
5. Representative sampling

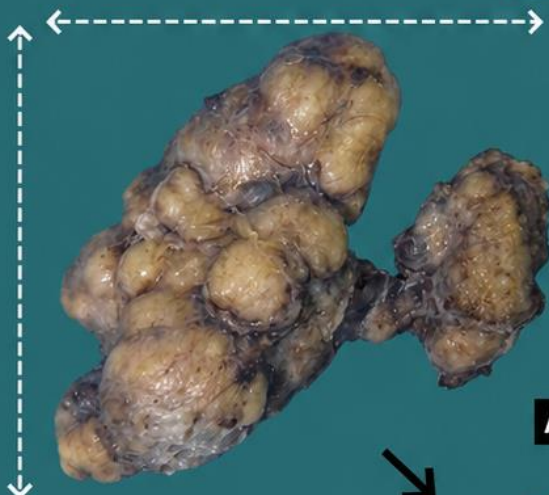


Central slice

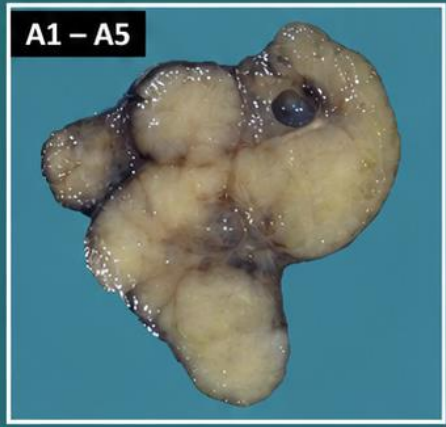
Cross sections of lateral margins

Emilio T. Abecia

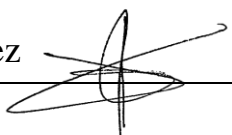
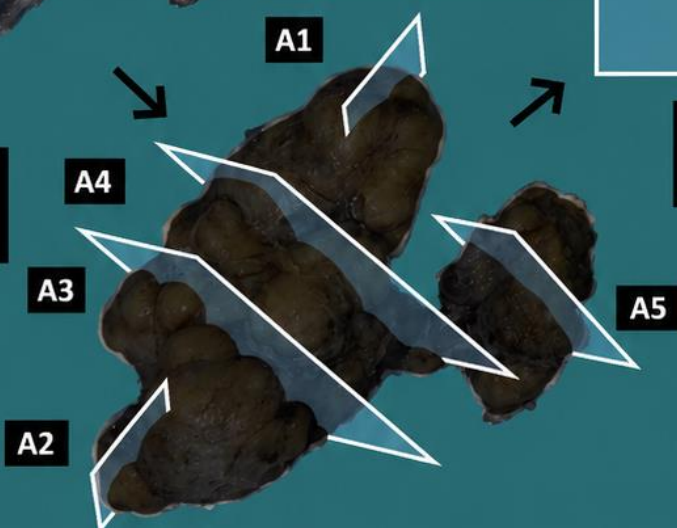
Assess surgical margins



Atypical fibroadenoma



Sample specimen thoroughly



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DISCLAIMER

The image and text are provided for illustrative purposes only. The tissue sections submitted and the description provided will depend on the individual specimen characteristics, the clinical diagnostic suspicion, the experience of the dissector, and the institutional guidelines of the laboratory.

This document has been translated from the original Spanish version using AI-based tools. The text may contain typographical errors or inaccurate translations.

