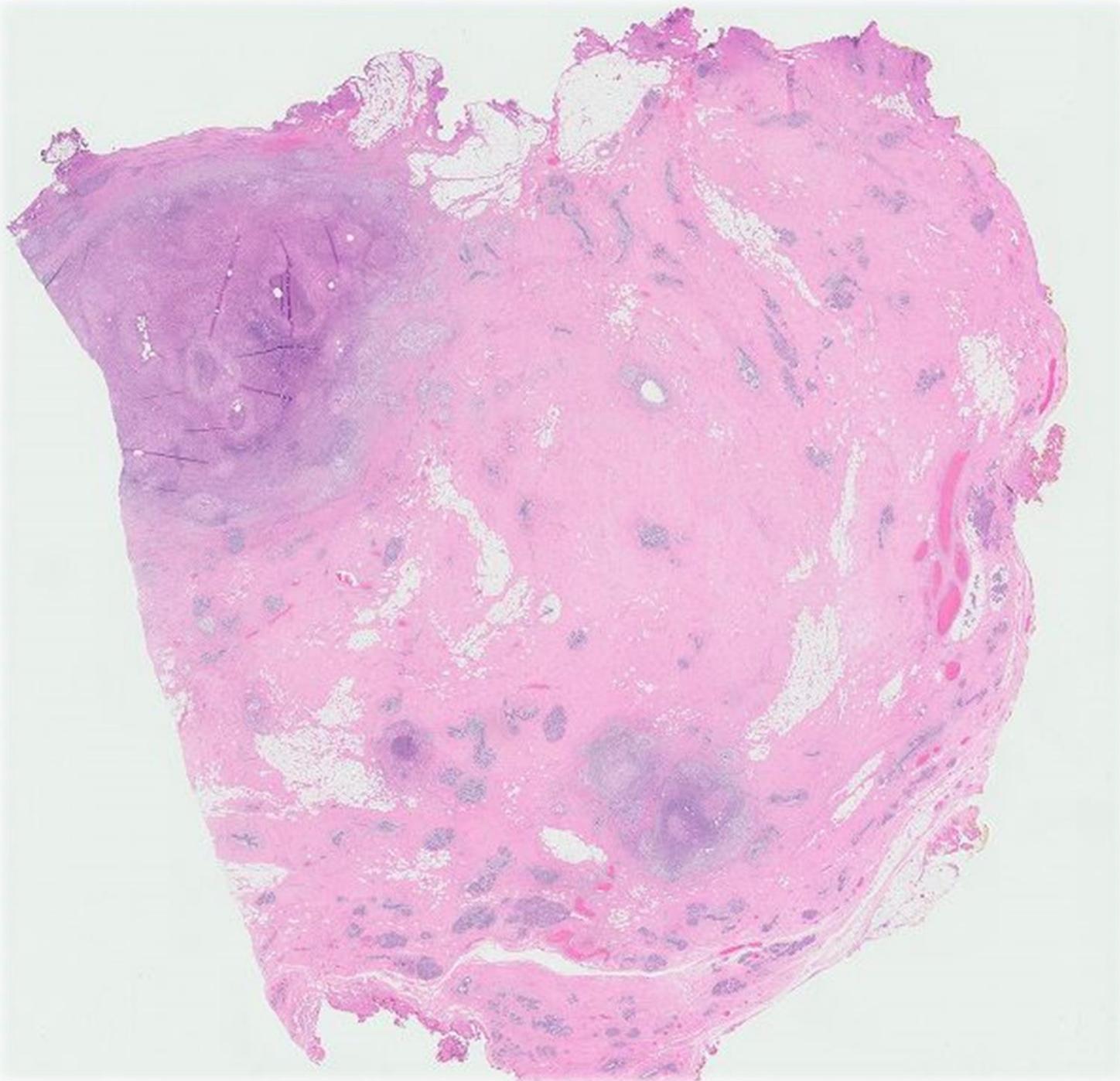
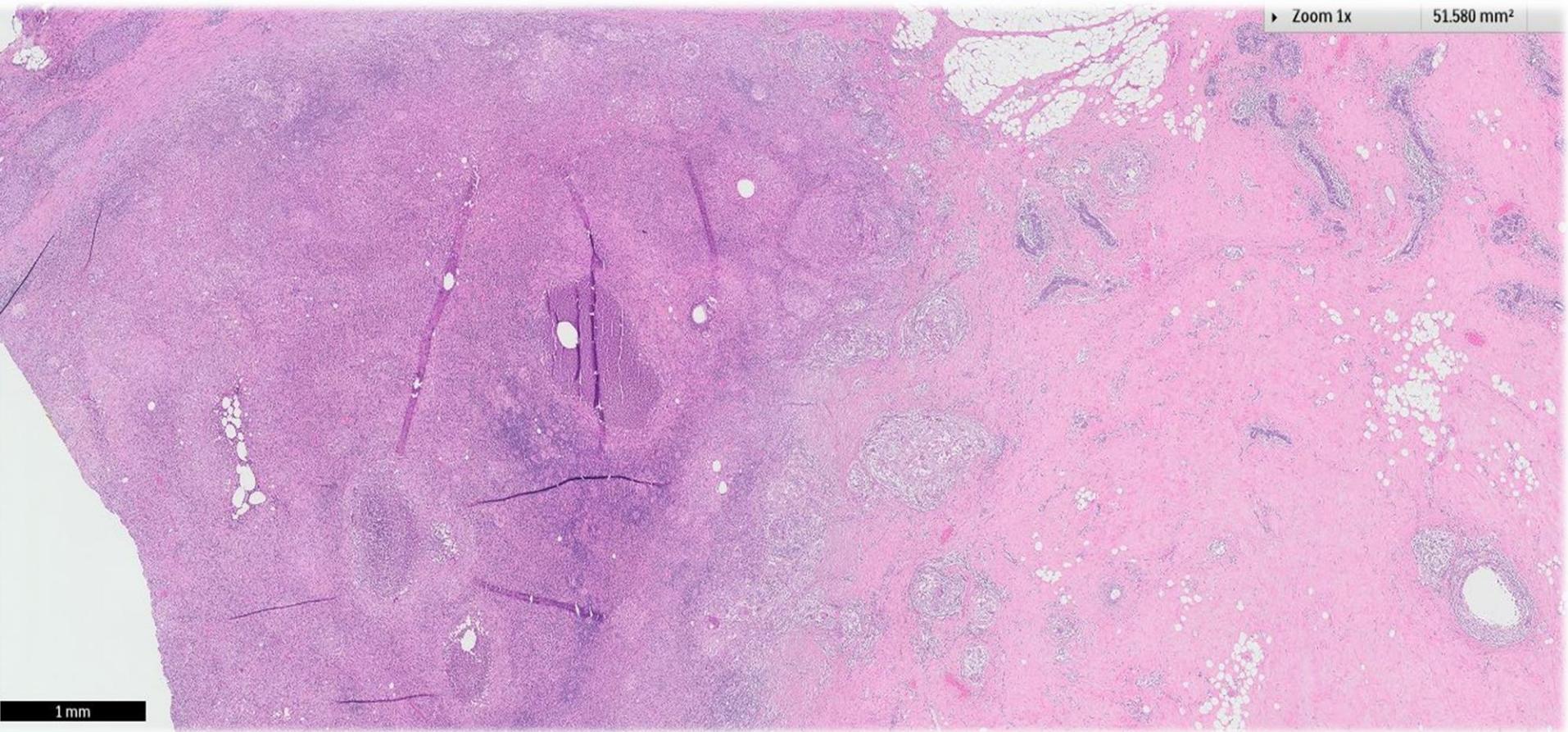


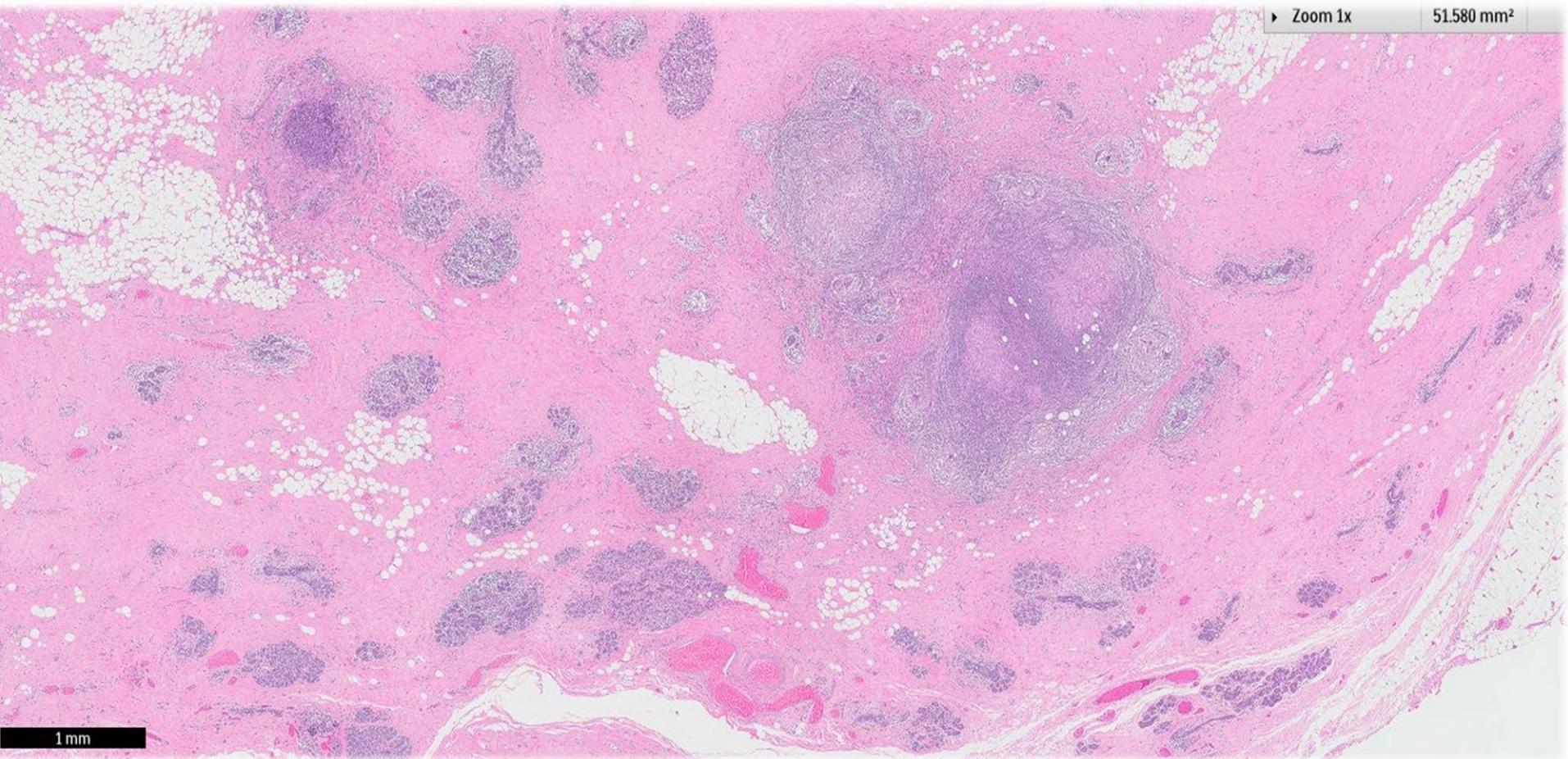
# Case 12

42 year old Chinese lady underwent excision biopsy of a left breast mass.





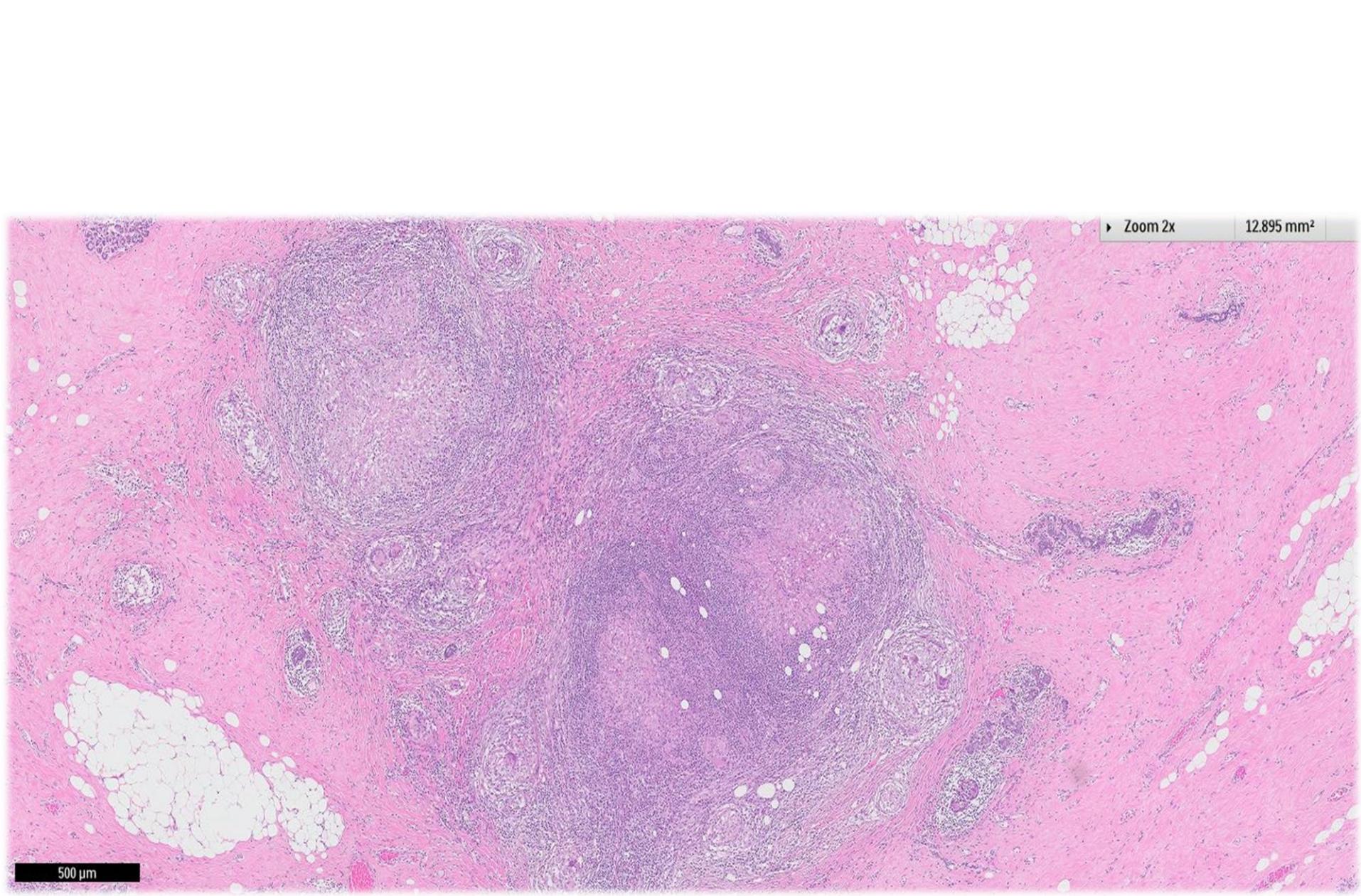




1 mm

▶ Zoom 1x

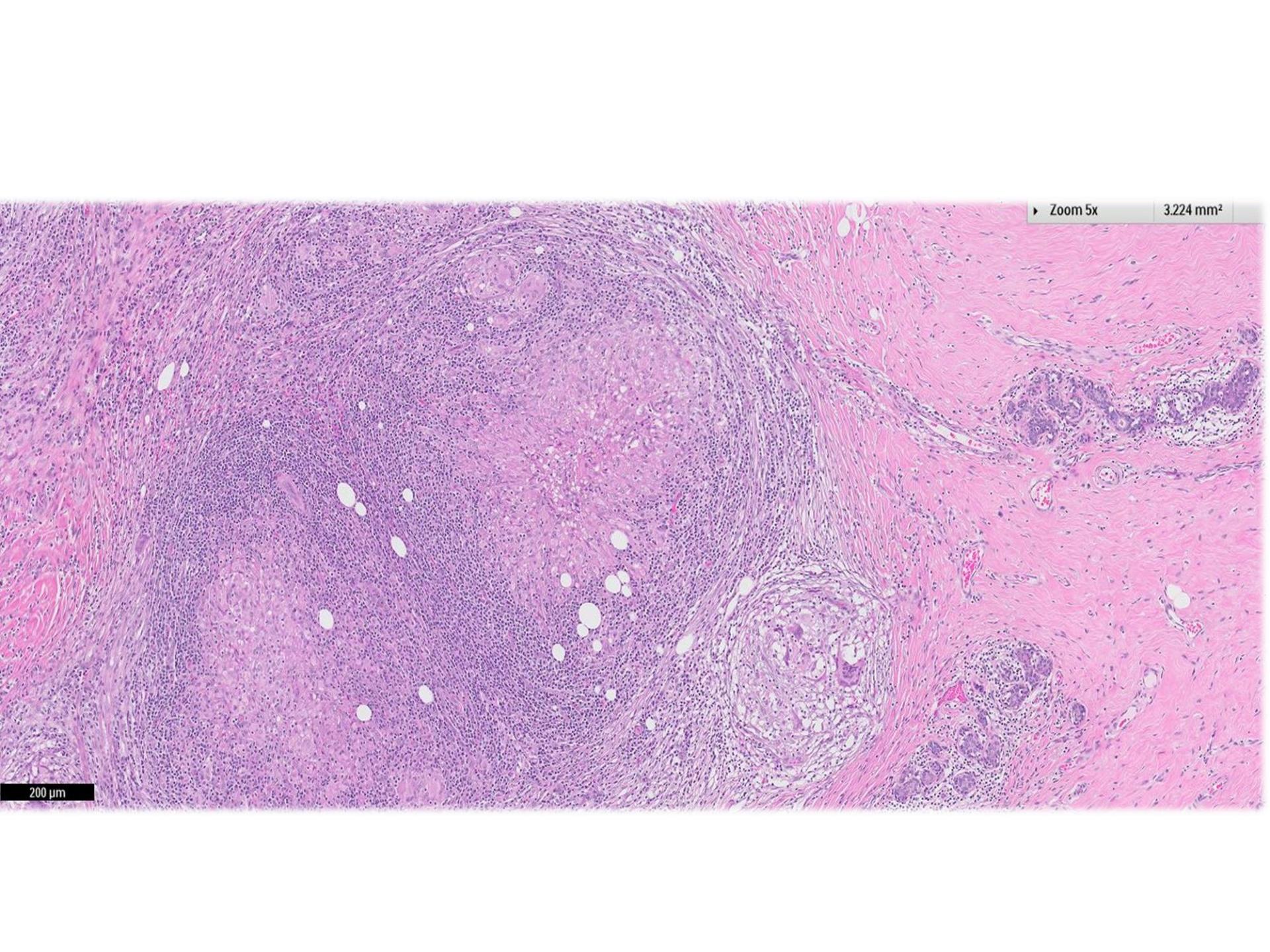
51.580 mm<sup>2</sup>



▶ Zoom 2x

12.895 mm<sup>2</sup>

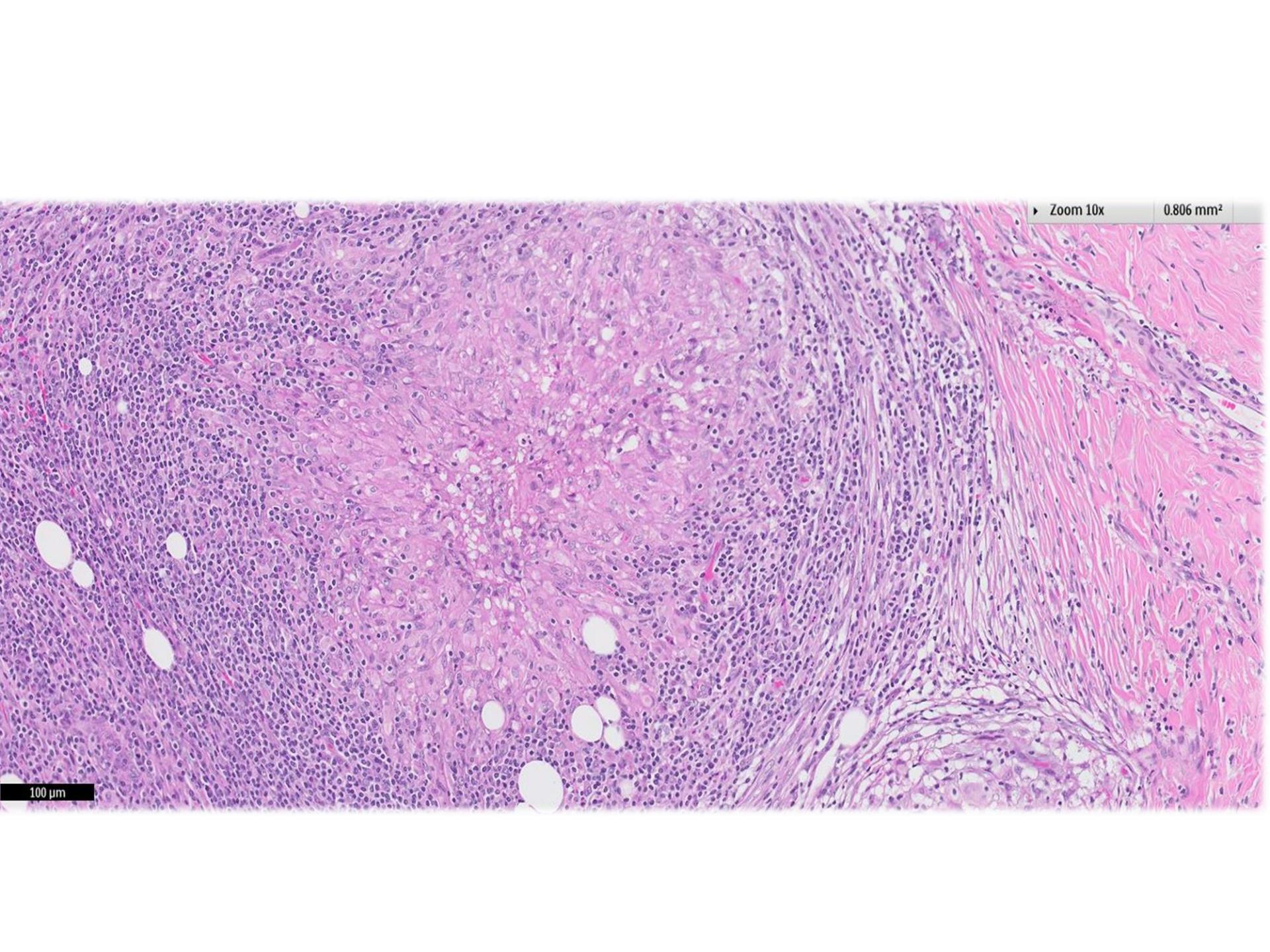
500 µm



▶ Zoom 5x

3.224 mm<sup>2</sup>

200 µm



100  $\mu\text{m}$

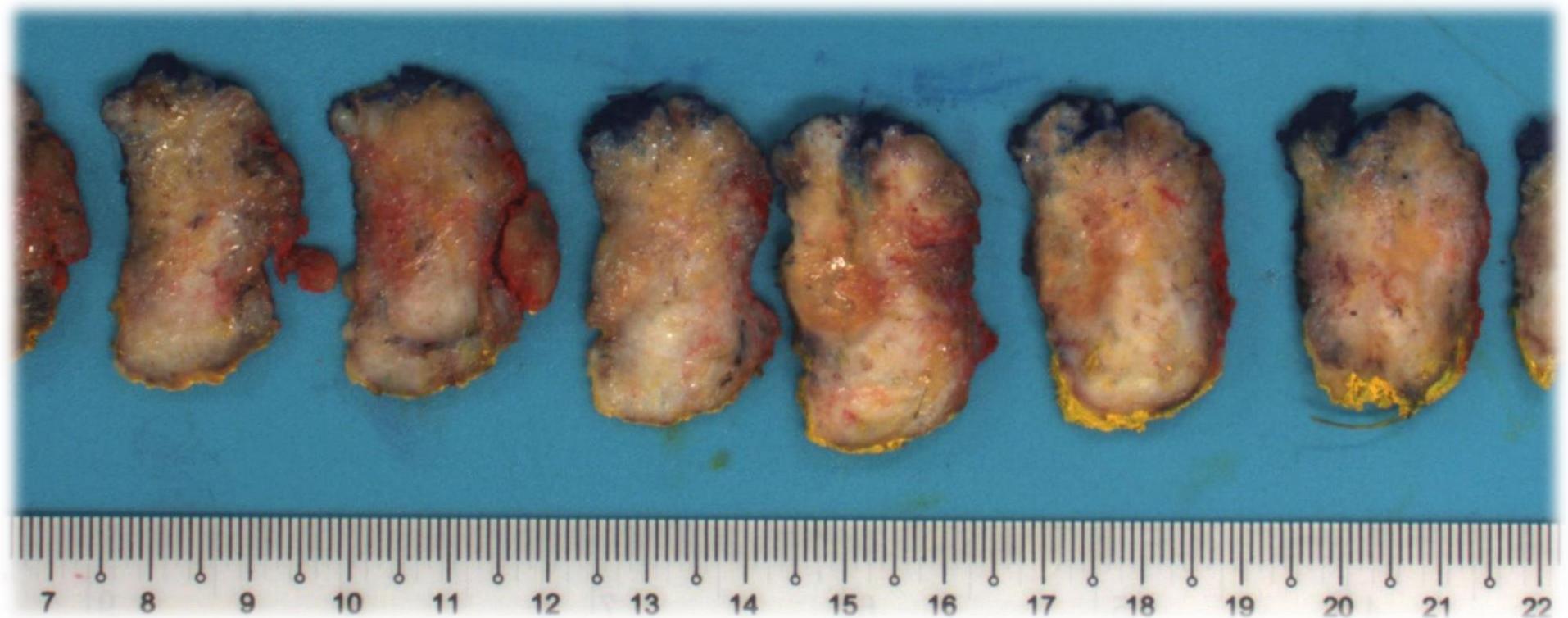
▶ Zoom 10x

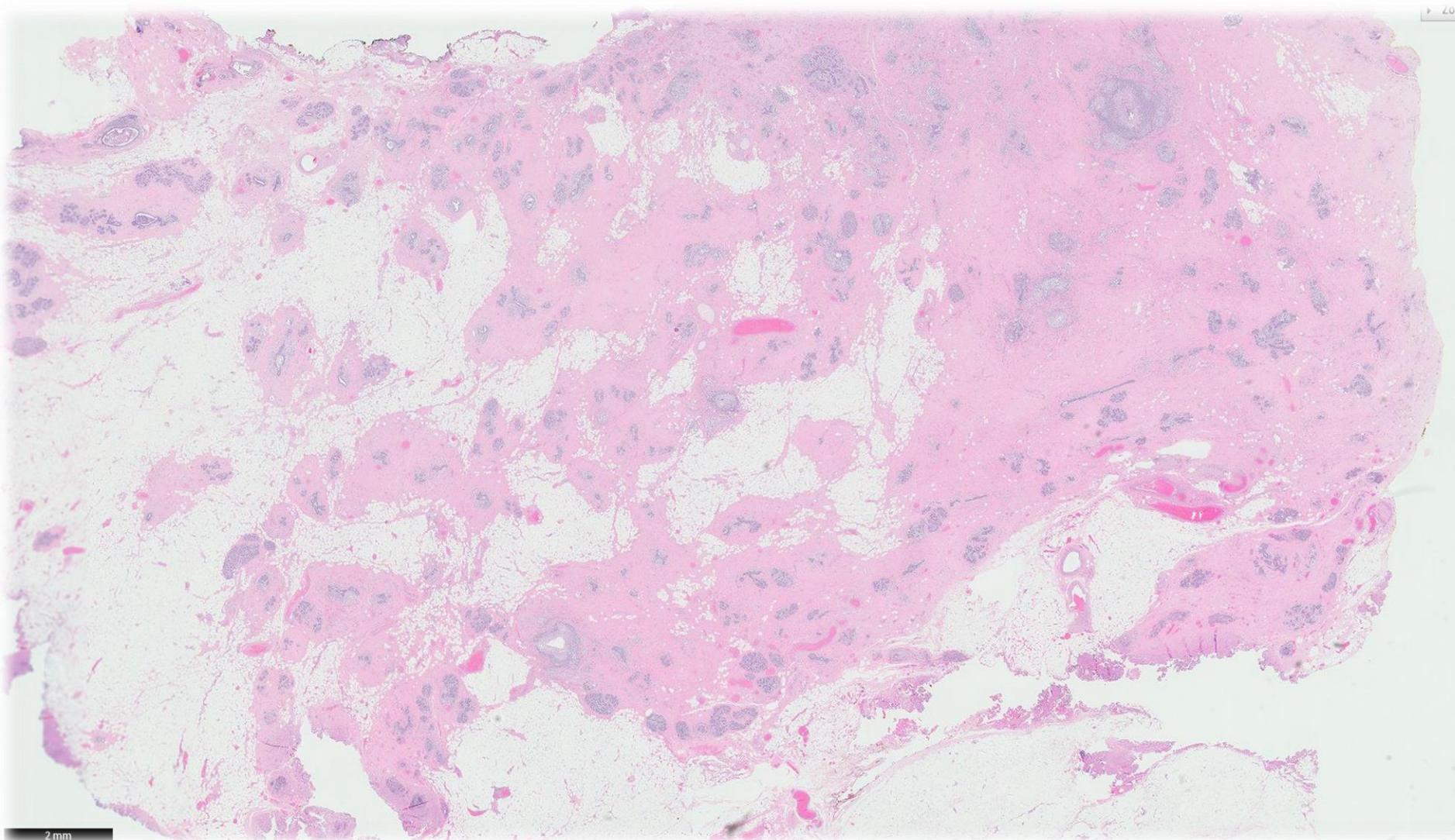
0.806  $\text{mm}^2$

*Singapore*

A nighttime photograph of The Fullerton Hotel in Singapore. The hotel's name, "THE FULLERTON HOTEL", is prominently displayed in white, illuminated letters along the top edge of the building. The building itself is a classic architectural style with multiple levels, white columns, and decorative moldings. It is brightly lit from within and outside, with lights reflecting off the stone facade. In the foreground, several palm trees are visible, and a street lamp is partially seen on the left. The overall atmosphere is sophisticated and historic.

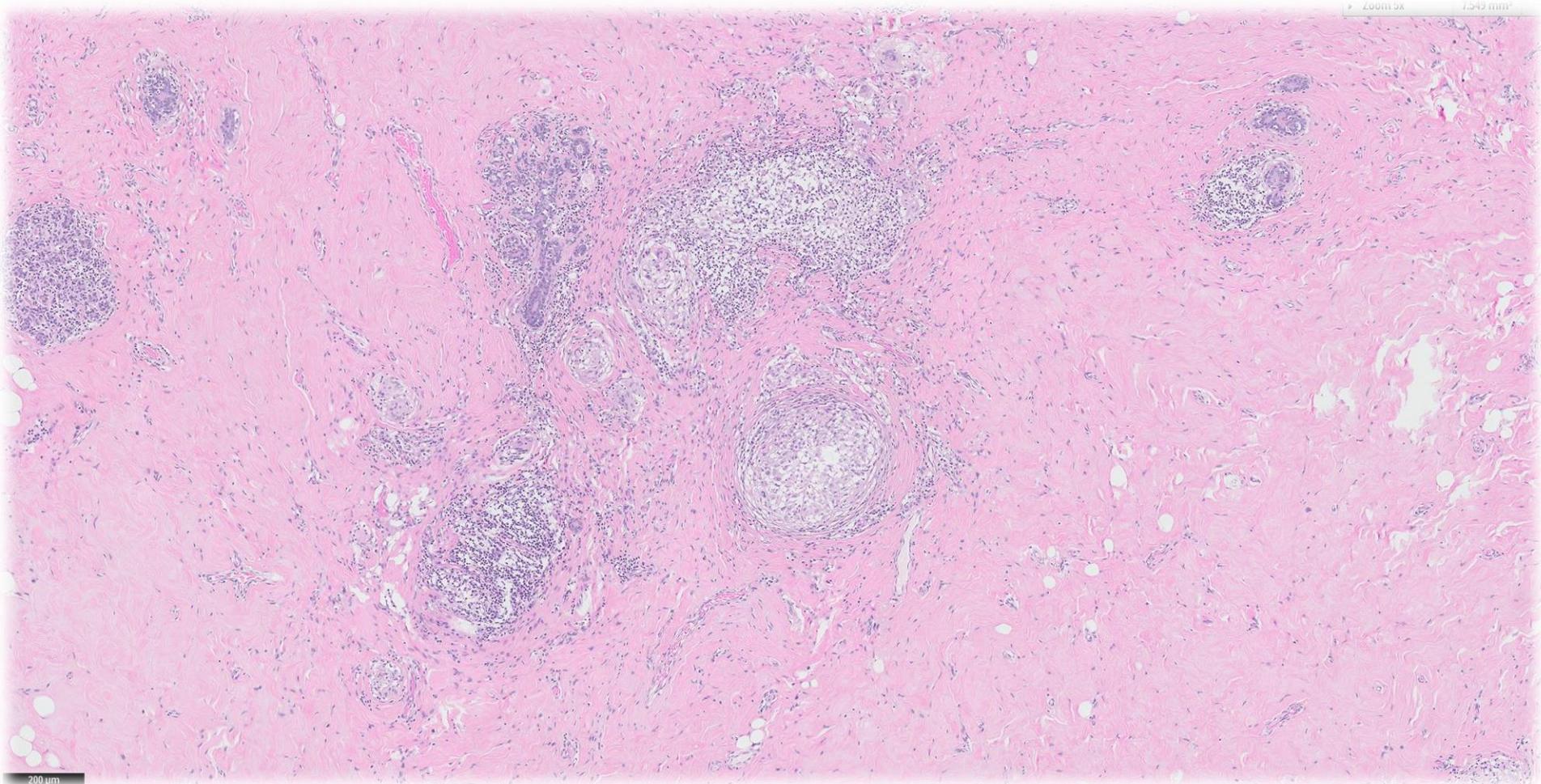
THE FULLERTON HOTEL

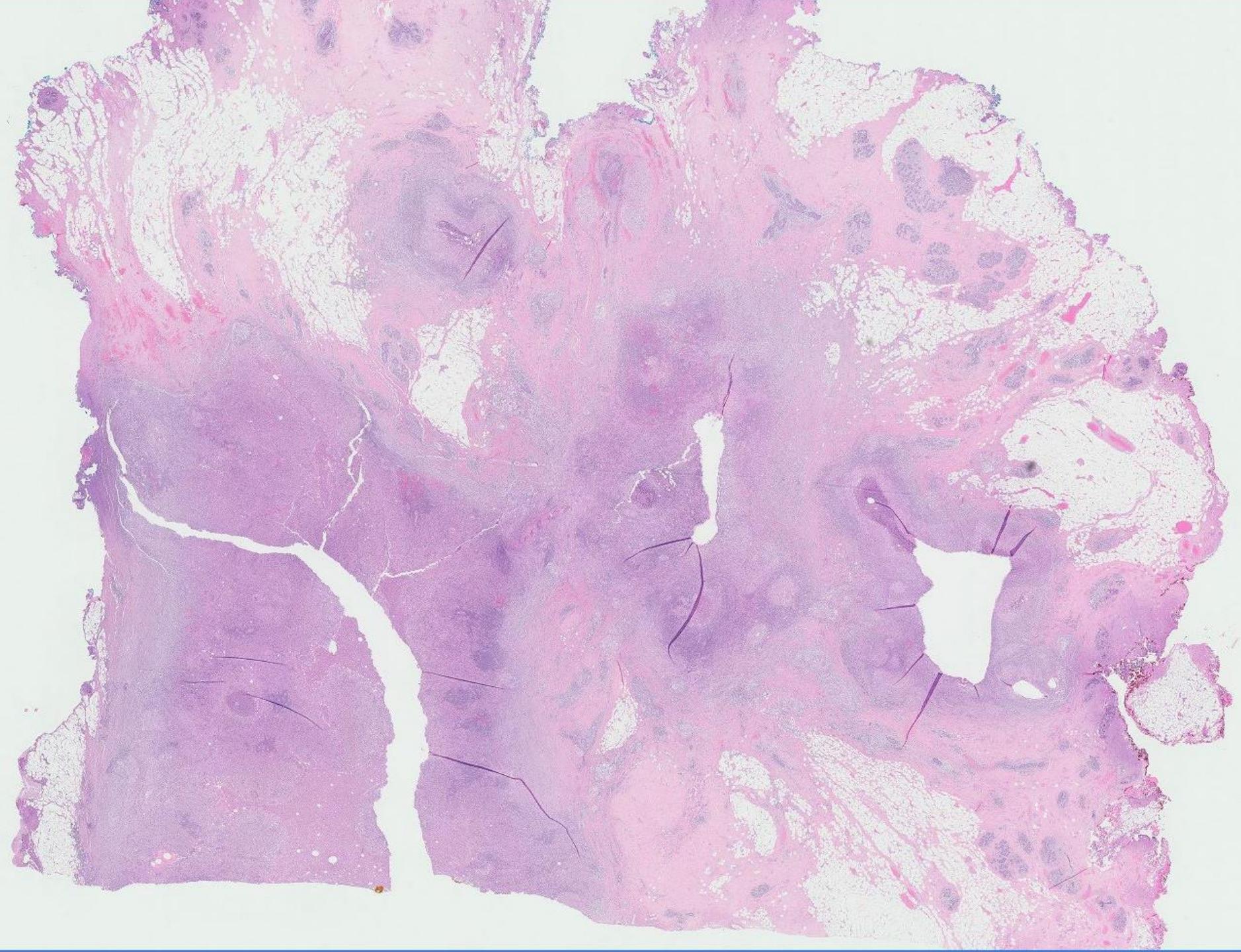


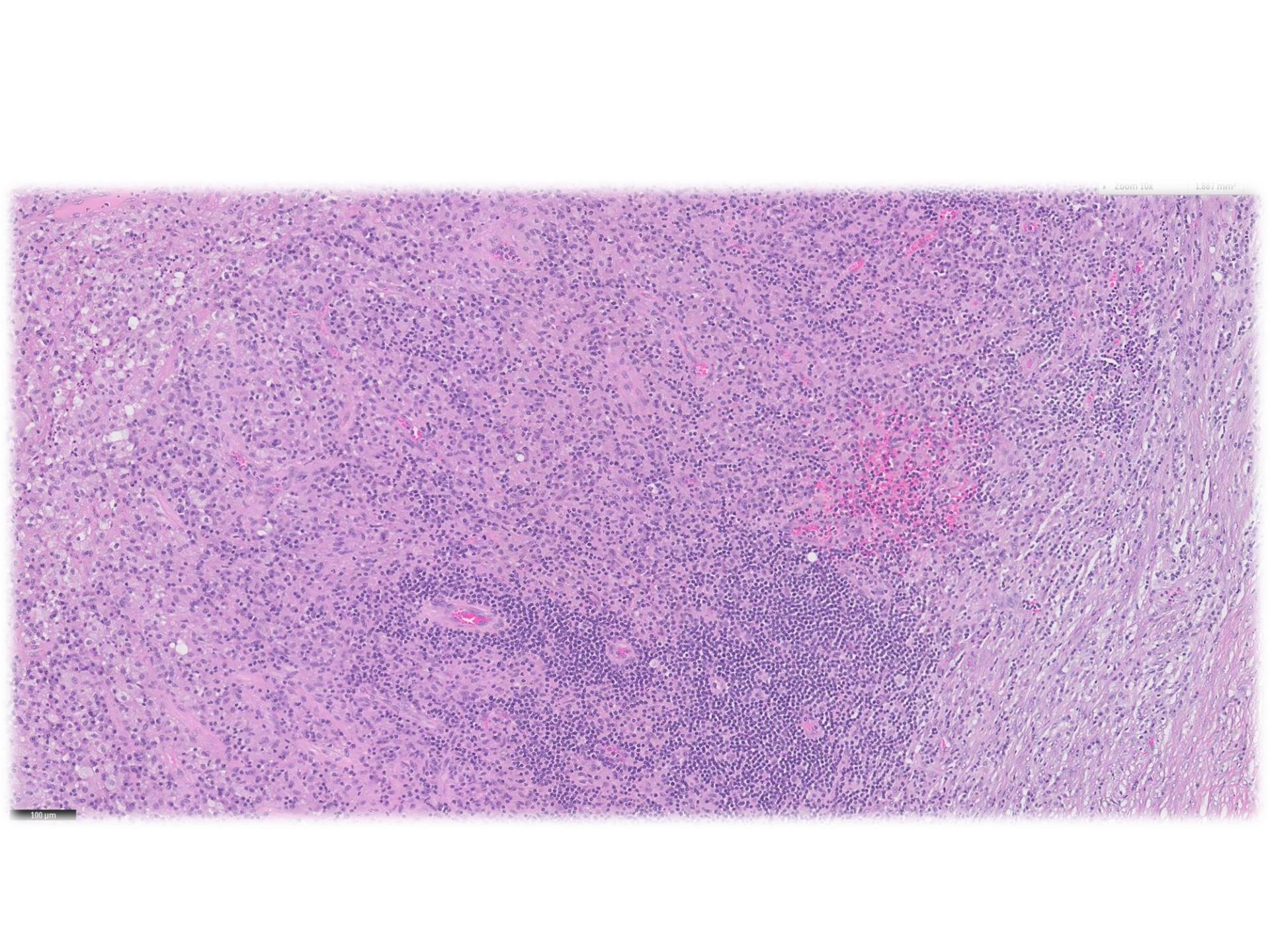


Zoom 0.5

2 mm





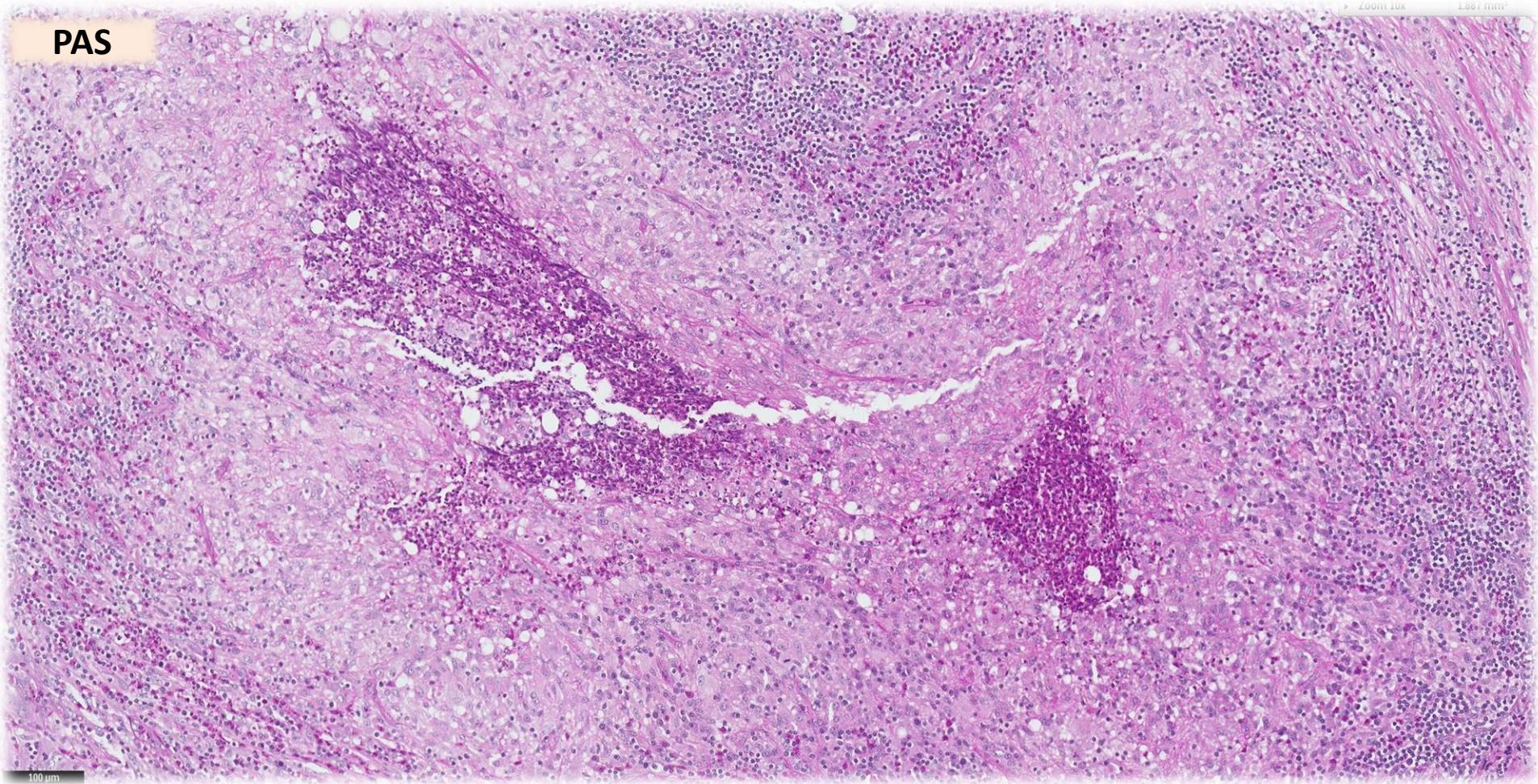
A digital image of a histological slide showing a dense cellular tissue. The cells are stained purple, and some are highlighted in red. A scale bar in the bottom left corner indicates 100 µm. The top right corner displays the zoom level as 'Zoom 10x' and the total area as '1.887 mm²'.

Zoom 10x

1.887 mm<sup>2</sup>

100 µm

PAS



# Diagnosis

- Granulomatous mastitis.
- Special stains for organisms (PAS, GMS, ZN) negative.

*{To correlate with microbiological cultures}*



# Granulomatous mastitis

- Refers to the presence of granulomas in conjunction with an inflammatory process in the breast.

# Granulomas in the breast

- Periductal mastitis with granulomas
- Infective granulomatous inflammation
- Necrotising granulomatous vasculitis
- Sarcoidosis
- Carcinoma related granulomas
- Silicone granulomas
- Idiopathic granulomatous lobular mastitis  
(after exclusion of other aetiologies)

