

A Rare Case of Anastomosing Hemangioma of the Breast During Pregnancy

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Introduction

- Anastomosing hemangiomas (AH) are rare benign vascular lesions that closely resemble angiosarcomas.¹
- Historically found in the genitourinary system.^{2,3}

Case Presentation

- 37-year-old female with a tender, palpable 10 mm right breast mass at 12:30, 18 cm from the nipple.
- The patient identified the mass during pregnancy.
- Core needle biopsy demonstrated a well-circumscribed vascular lesion. (Fig 1, A-D)

Management

Excisional breast biopsy allowed differentiation between an AH and low-grade angiosarcoma. (Fig 1, E-F)

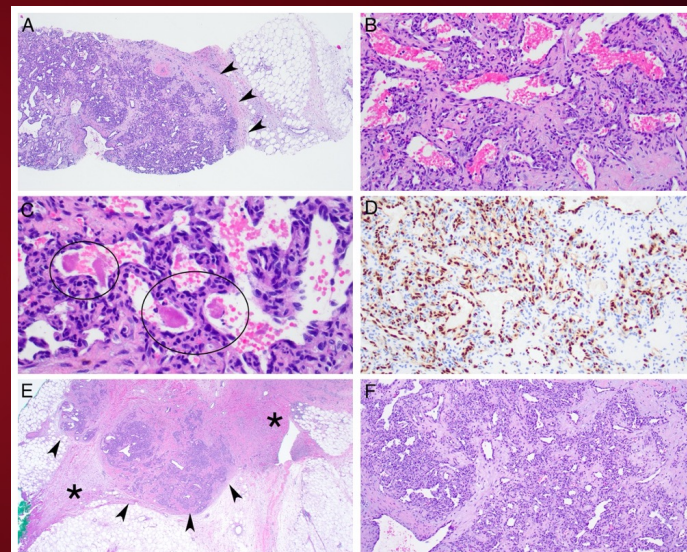


Fig. 1: Composite displaying the histomorphologic and immunohistochemical features of the lesion as seen in the core biopsy (A-D) and subsequent excision (E and F).

Conclusion

- Final pathology reported a 4.5 mm benign AH with a Ki-67 index of 5%.
- The patient recovered well, requiring no further management until normal screening mammography at 40 years old.

Discussion

- Angiosarcomas are typically larger in size (> 2cm) with a higher proliferative Ki-67 index and infiltrative nature.^{4,5,6}
- There is limited literature discussing AH in the breast and factors that stimulate AH formation.

References

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