

OLD CALCIFIED RETAINED PRODUCTS OF CONCEPTION: A RARE MIMICKER OF INTRAUTERINE PATHOLOGY

INTRODUCTION

Retained products of conception (RPOC) usually present within weeks of pregnancy termination. Long-standing RPOC are rare and may undergo dystrophic calcification or ossification, clinically mimicking intrauterine pathology such as foreign bodies, adhesions, or even neoplasm.

CASE PRESENTATION

We report the case of a 34-year-old female with a history of repeated dilation and evacuation and hysteroscopic adhesiolysis over 10 years, presenting with bulky uterus and calcified intrauterine mass on ultrasonography. She underwent endometrial curettage which revealed calcified tissue fragments.

HISTOPATHOLOGICAL FINDINGS

Gross examination showed multiple firm, calcified tissue. Microscopy revealed necrotic tissues and pseudodecidual change in endometrium along with bony tissue showing ossification and dystrophic calcification, consistent with calcified product of conception.



Figure 1: Gross specimen of calcified retained products of conception in the uterine cavity.

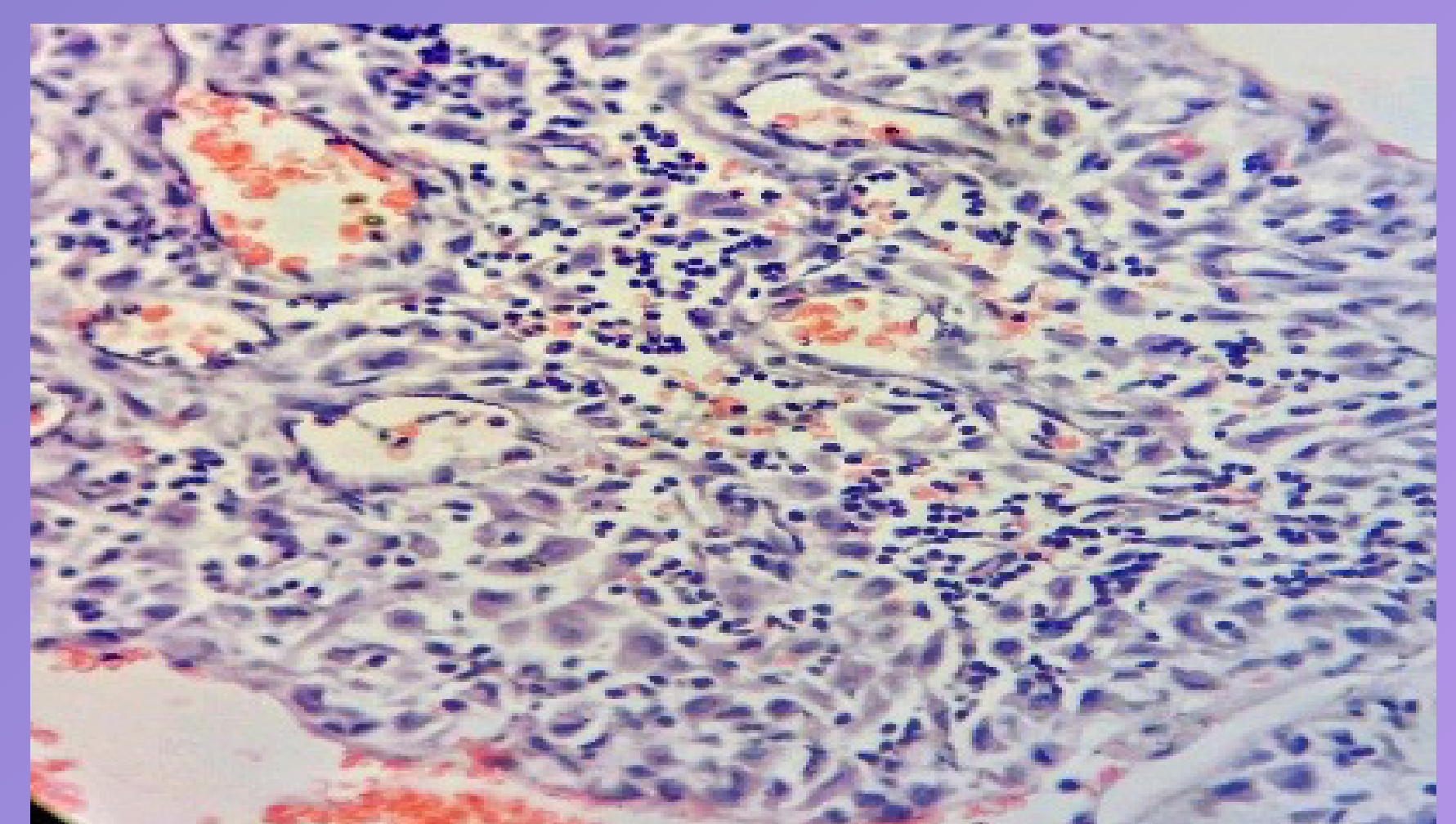
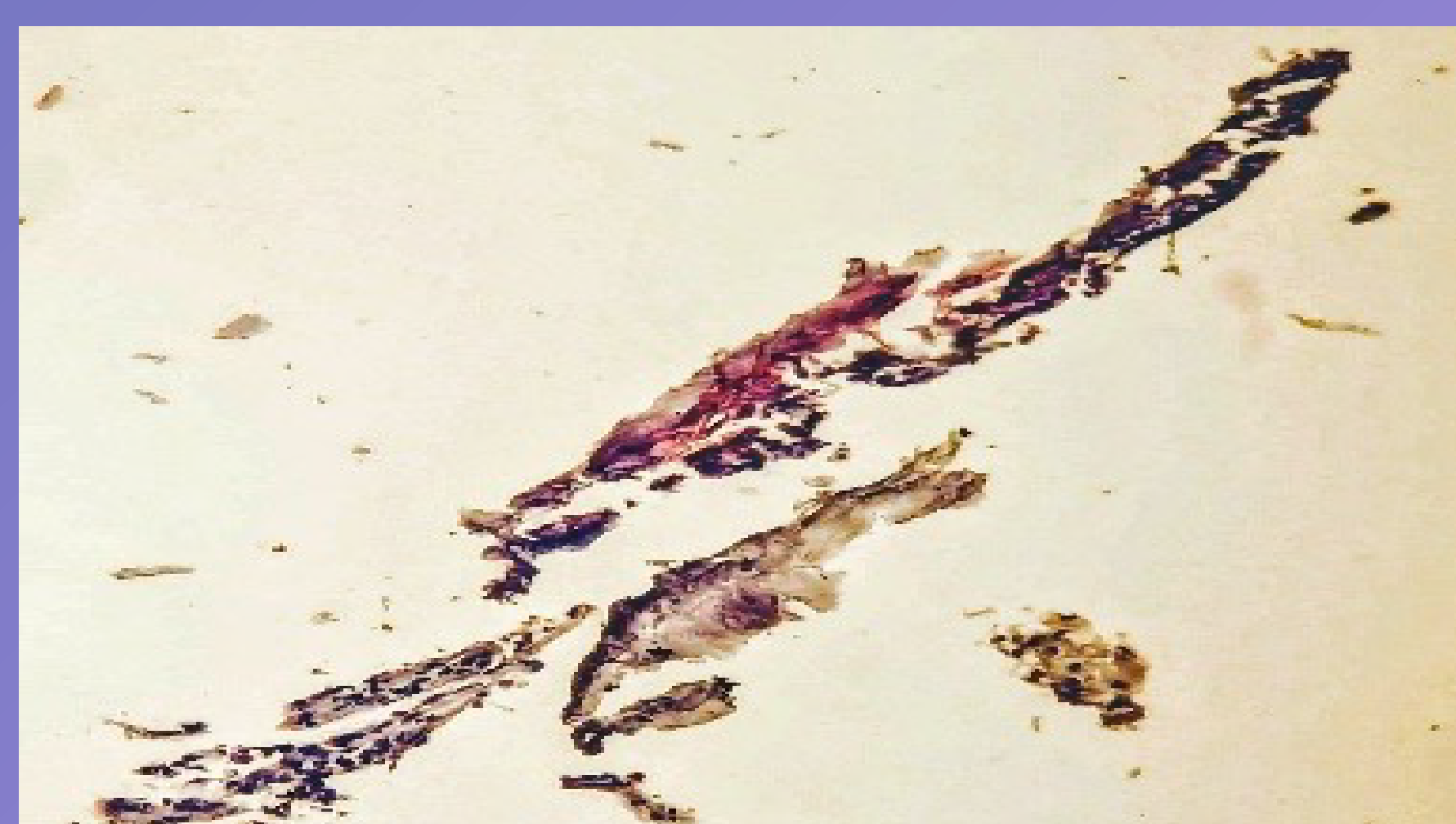
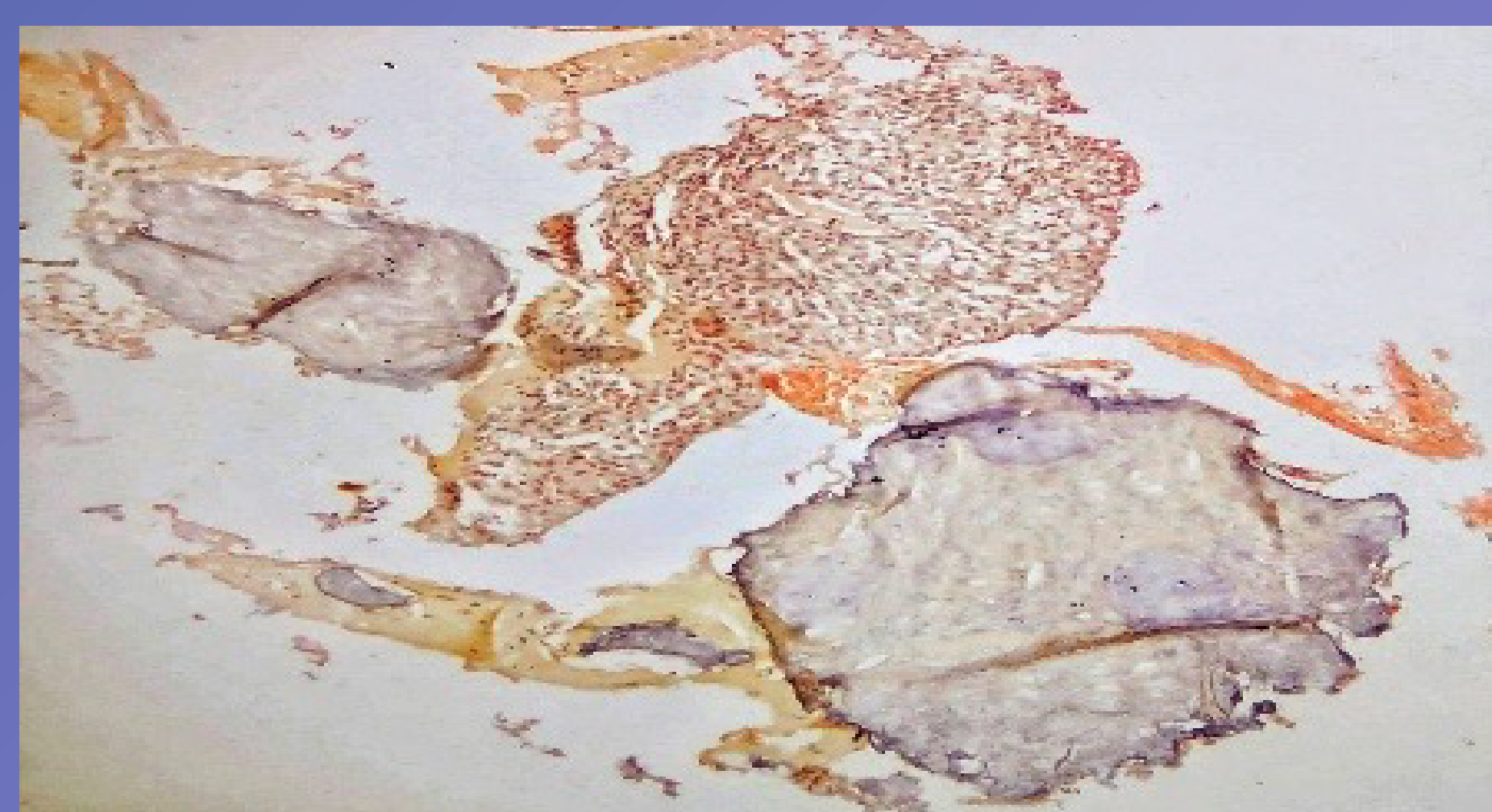


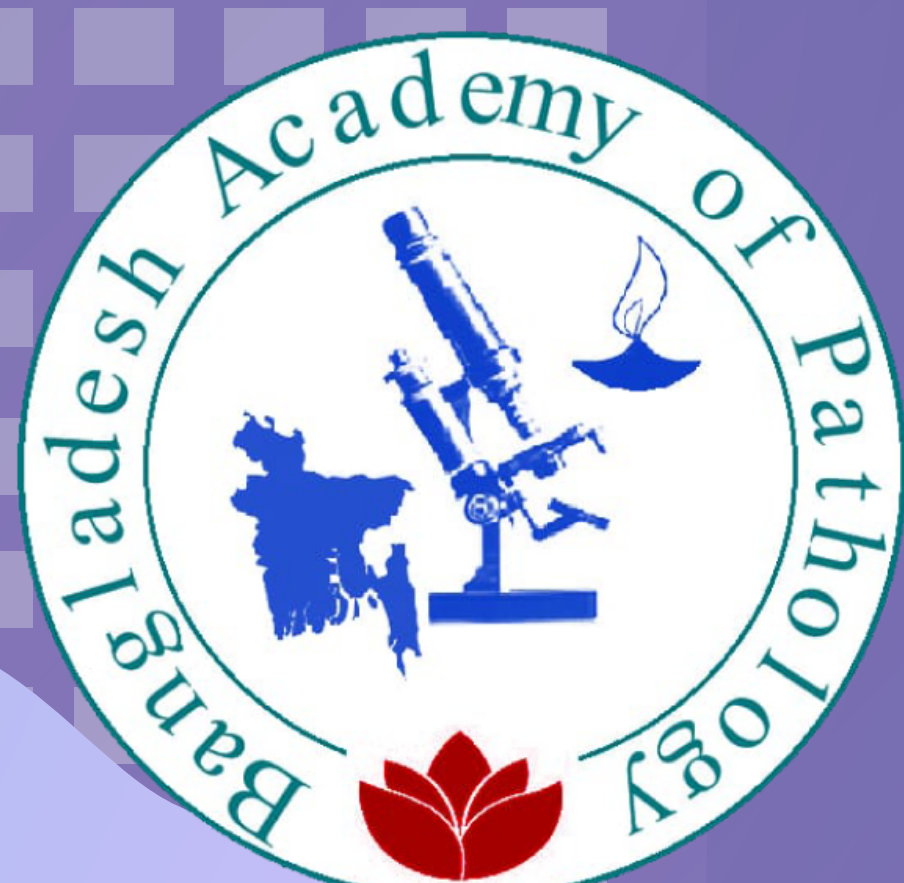
Figure 2: Microscopic sections showing necrotic tissue and pseudodecidual changes in the endometrium, bony tissue with ossification and areas of dystrophic calcification

DISCUSSION

Long-standing RPOC with secondary ossification is an uncommon finding. It can clinically masquerade as intrauterine foreign body or endometrial pathology, leading to diagnostic challenges. Chronic inflammation and fibrosis likely contribute to adhesion formation and calcification. Recognition of this rare entity is crucial for appropriate surgical management and to avoid misdiagnosis.

CONCLUSION

Old calcified retained products of conception are a rare but important differential in women presenting with intrauterine calcified masses. Careful correlation of clinical history, imaging, and histopathology is essential for correct diagnosis and optimal patient management.



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