

## GIANT CELL ARTERITIS FALLOPIAN TUBE

DESCRIPTION: Section of fallopian tube show medium sized vessels with subintimal and mural inflammation composed of lymphocytes, histiocytes and giant cells. Fallopian tube epithelium is unremarkable. NO evidence of dysplasia / malignancy.

DIAGNOSIS: Medium vessel vasculitis, favour

giant cell arteritis.

Differentials: 1) Polyarteritis nodosa  
2) Wegner's granulomatosis

WORK-UP:

- (1) Correlate with serology and microbiology
- (2) special stains to rule out infective causes
  - (A) ZN stain (Tuberculosis)
  - (B) PAS/ Grocott stain (Fungi)
  - (C) Elastic van Gieson (vessel wall)
- (3) Culture
- (4) PCR
- (5) Direct immunofluorescence for immunoglobulin, complement or fibrin in vessel wall.

COMMENT: This can be part of systemic vasculitis or isolated fallopian tube vasculitis.