

Case 2

Microscopy

sections show dilated appendiceal lumen lined by mucin containing epithelium with mild atypia. There is extracellular mucin seen. In addition there is a small focus of tumour composed of cells arranged in nests and trabeculae with round nuclei and salt pepper chromatin. There is no lymphovascular or perineural invasion identified. The features are of well differentiated neuroendocrine tumour. (carcinoid tumour)

Final Diagnosis

low grade Appendiceal mucinous neoplasm with well differentiated neuroendocrine tumour.

Additional work up

IHC : Chromogranin
synaptophysin | + in neuroendocrine tumour.
CD56

Mib-1 to assess proliferation.

- Embed the rest of specimen to check for any invasion.

(3)