

CODE: T2800 F9307/1

ID NOS: 22141

DIAGNOSIS: LUNG – ASPERGILLOSIS

CLINICAL HISTORY: M/? age. The patient had a left upper lobectomy for a mycetoma. A chest Xray showed an opacity with cavitation and microbiological examination of the contents revealed *Aspergillus*.

MACROSCOPIC: The specimen is of the upper lobe of the left lung. The upper half is extensively replaced by an oval cyst with a smooth greyish lining. There is a smaller thin walled cyst in the lower portion. When first cut, the cysts were found to contain brown granular material which is included beneath the main specimen.

MICROSCOPIC: The cyst is partly lined by epithelium and partly by granulation tissue (left image), with colonies of fungus attached which do not penetrate into the tissue. The fungi are septate and branching, consistent with *Aspergillus*, and the granular cyst contents also consists of colonies of fungi (right image - methenamine silver stain).

