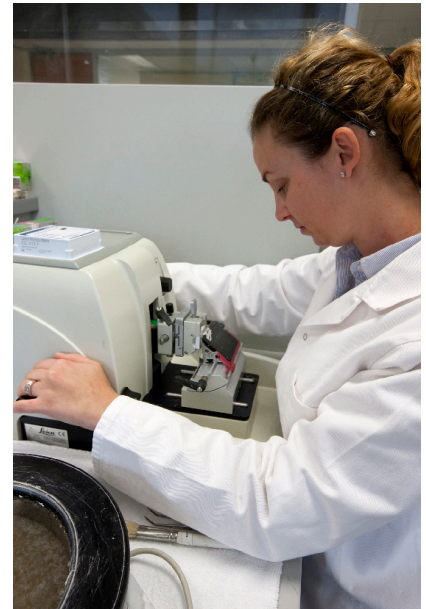


Biochemistry, where disorders such as diabetes, heart attacks, kidney failure and hepatitis are diagnosed and monitored. In this department we analyse the chemical content of the blood and other tissues, using sophisticated instrumentation. We also test for illegal substances, like 'P', amphetamines, 'speed', as well as for poisons and other toxic substances in the blood.



Anatomical Pathology or Histology / Cytology.

Here we help diagnose various forms of cancer and other diseases from tissue samples obtained during surgery or by biopsy from the lungs, brain, lymph nodes, liver, skin and elsewhere. Samples are embedded into wax and then sliced into single cell thickness. We apply sophisticated staining and tagging techniques to these samples to help



the pathologist identify and diagnose the type of cancer or other abnormality. In cytology we investigate cervical smears for cervical cancer through the National Cervical Screening Programme.



Liver awaiting dissection in a histology cut-up room

Microbiology, where we study and test for infectious diseases like meningitis, tuberculosis, pneumonia, septicaemia (blood poisoning) and necrotizing fasciitis (flesh eating disease). We provide information about the effectiveness of antibiotics used in the treatment of infections. We use microscopic examination as well as biochemical and culturing methods to isolate and identify the bacterial, fungal and parasitic causes of disease.



Yeast fungus seen under a phase contrast microscope

