**Pathohistological studies at the tissue level:**

• Examination of surgical biopsy material of various complexity categories;

• Puncture biopsy of the kidneys, liver and lungs

• Examination of autopsy material of various complexity categories;

• Intraoperative diagnosis (express);

• Histochemical examination;

• Immunofluorescence examination;

• Immunohistochemical examination;

• Consultation of surgical biopsy material

Cytological studies at the cellular level:

• Examination of the gastric mucosa for HELICOBACTER PYLORI;

• Examination of urogenital tract smears for the presence of pathogenic flora and sexually transmitted infections;

• Exfoliative cytology, stained according to Romanovsky-Gimse;

• Oncocytological studies on Romanovsky-Gimza and on Papanicolaou;

• Examination of punctures of various localization (Papanicolaou staining);

Emergency cytology;

• Consultation of micropreparations for Papanicolaou

Electron microscopic studies at the ultrastructural level:

• Light microscopy of semifinous sections enclosed in epoxy resin;

• Electron microscopy of a biopsy specimen;

• Electron microscopy of ultrathin sections;

• Electron microscopy of nanoparticles on a grid with a substrate