



MEDICINE of THE HIGHEST ORDER

# Surgical Pathology Subspecialty Service

## Pathology and Laboratory Medicine

**Surgical Pathology is the only Laboratory in Upstate New York that provides subspecialized diagnostic pathology services.**

### What do we do?

Our primary function is to process tissue samples for microscopic diagnosis by a Pathologist.

While we do not see patients directly, what we do affects the care given to a patient. Clinicians caring for these patients make treatment decisions based upon the information that we give them.

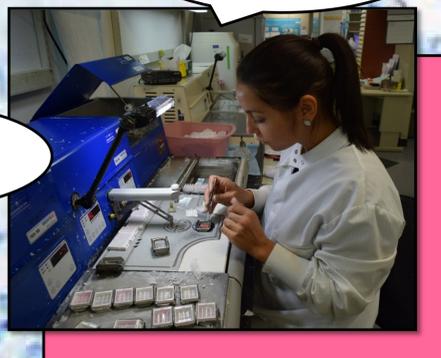


Lab week hat days



Specimen pick up from OR

Our department has five divisions that all work together to process specimens. Each area performs a specialized job. We work together as a team.



Tissue processing



Office Staff

X-mas party



### Journey of a Specimen



**Specimen Receiving** - Receives and verifies all specimens received from OR and affiliate hospitals and clinics. Assigns identification numbers and triages specimens to Gross Room. Receives over 100,000 specimens a year.



**Gross Room** - Describes and dissects surgical specimens and tissue samples received from operating rooms and doctors' offices. Chooses and submits tissue to be examined microscopically by the pathologist.



**Histology** - Processes tissue samples and embeds them in paraffin wax. Cuts thin sections from the embedded samples, places them on glass slides and stains them with a routine stain for examination by a pathologist.



**Immunohistochemistry (IHC)** - Stains tissue slides with antibodies to help in the diagnosis of disease and staging of cancer tumors. Stains tissue samples for various clinical trials.



**Pathologist Subspecialties** - Bone & Soft Tissue, Breast, GI and Hepatic, GU, Gynecologic, Obstetric, Pediatric, Thoracic & ENT Pathology.



**Transcription/Office** - Responsible for Quality Assurance monitors. Prepares subspecialty conference materials for faculty review at conferences. Issues final reports to submitting physicians.

Teamwork