

Medical Student Rotations

M2:

Medical students have the opportunity to have formal clinical exposure to the field of Pathology as second year students. Approximately 20 second year medical students per year participate in a **half-day Pathology Career Exploration** (see figures). During this experience an overview of Pathology is provided. Previously this experience was entirely didactic. To enhance the experience, clinical min-rotations were implemented in 2015. Students have clinical mini-rotations in Breast Pathology and Transfusion Medicine, to demonstrate the 2 primary boarded specialties of Anatomic Pathology and Clinical Pathology.



M3:

We provide **all M3 students with a surgical pathology clinical experience** within the Surgery/ObGyn block (see figures). The students receive a 1 hour didactic lecture during ground school orientation week. During the block, the students have 2 clinical hours within Surgical Pathology. The first hour is within the gross room and histology laboratories. The second hour is 1 on 1 with a surgical pathologist in which the students participate in Surgical Pathology sign out at the microscope. The students have a choice of 5 different Surgical Pathology subspecialties for the second hour. This clinical experience is unique in the United States, leading to the publication “Implementation of a required 3rd-year medical student surgical pathology clinical experience” (PMID 35573389, see figure). From May 2022-April 2023, the department of Pathology has been a preceptor for 206 M3 students in Surgical Pathology. This experience has formal objectives which are tested in the Perioperative Services examination.



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Brief Report

Implementation of a required 3rd-year medical student surgical pathology clinical experience

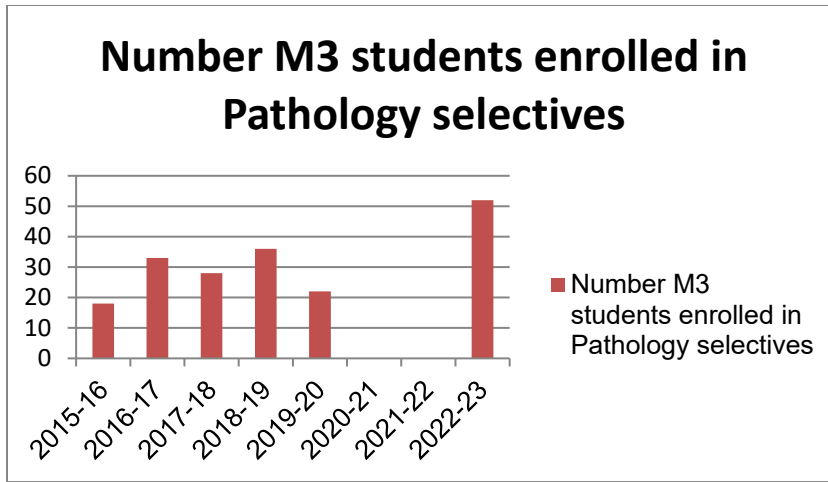


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Within the Surgery/ObGyn block, the pathology department offers 1 week selectives to the M3 students. Our department began offering 5 pathology selectives in 2015 with 9 students enrolled in the first block. We now offer **9 pathology selectives** including Autopsy/Intraoperative Pathology, Cytopathology, Dermatopathology, ENT Pathology, Neuropathology, Pathology Informatics, Pediatric Pathology, Renal Pathology, and Transfusion Medicine (see figures) and enrollment has increased (see figure). For example, during the block from May-Aug 2023, we had 20 students enroll, approximately 30% of the M3 students within the block.





Within the Internal Medicine/Neurology/Psychiatry block, **all M3 students attend an Autopsy conference** (see figures). This experience began in 2014 with the objectives of highlighting how to order an autopsy, understanding cause and manner of death, and how to complete a death certificate.



M4:

M4 students have 13 different 1 month pathology elective options including Surgical Pathology, Urologic Pathology, Dermatopathology, Pediatric Pathology, Neuropathology, Autopsy Pathology, Blood Bank/Transfusion Medicine, Hematopathology, Uro-Oncologic Pathology Research, Forensic Pathology, Pathology Laboratory Medicine, Pathology Individual Study, and Pathology Research. During the academic year from May 2022-April 2023, M4 students enrolled in 14 months of Pathology electives.