

# Henry Ford Health – Wyandotte Campus Electives

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## Emergency Medicine

**Duration:** 4 weeks

**Location:** Henry Ford Wyandotte Hospital

**Period Offered:** July-July

**Distribution of Student's Time:**

- 80% patient care
- 20% didactics

**Enrollment/Period:** 1 elective month per year

**Prerequisite(s):** Must be MS4

**Rotation Objectives:**

- Enhance knowledge and skills in interviewing, physical examination, and patient communication in the emergency department setting.
- Accurately obtain and present focused histories and physical exams tailored to emergency complaints.
- Demonstrate clinical reasoning and judgment in undifferentiated, acutely ill, and trauma patients.
- Interpret and integrate diagnostic data including laboratory studies, imaging, and ECGs.
- Formulate differential diagnoses and initiate evidence-based treatment plans for acute and emergent conditions.
- Develop procedural skills common to emergency medicine (e.g., IV placement, wound care, airway management, splinting, laceration repair, I&D and basic ultrasound techniques).
- Recognize and manage time-sensitive, life-threatening emergencies using an organized, systematic approach.
- Communicate effectively with patients, families, and the healthcare team, including consultants and ancillary staff.
- Work collaboratively within an interprofessional team to optimize patient care.
- Demonstrate professionalism, ethical behavior, and cultural humility in interactions with patients and staff.
- Understand the systems-based practice of emergency medicine, including patient flow, triage, and resource utilization.
- Explore medicolegal and administrative issues relevant to emergency care, including EMTALA, documentation, and risk management.
- Practice self-directed learning and engage in reflective practice to improve clinical performance.

**Evaluation:**

- **Clinical Reasoning & Quality of Care:** Provides safe, evidence-based, and timely care; formulates sound differentials and management plans appropriate to emergency settings.
- **Teamwork & Professionalism:** Functions effectively and respectfully within the healthcare team; demonstrates responsibility, integrity, and receptiveness to feedback.
- **Communication Skills:** Clearly presents patient cases; communicates effectively with patients, families, and team members; adapts communication style to clinical context.
- **Participation & Work Ethic:** Engages actively in clinical shifts and educational activities; arrives prepared and demonstrates initiative and accountability.
- **Medical Knowledge:** Applies core emergency medicine knowledge to clinical scenarios; shows growth and curiosity in knowledge acquisition.
- **Procedural Competence:** Performs basic emergency procedures with appropriate technique and supervision; seeks hands-on learning opportunities.
- **Systems Awareness:** Demonstrates understanding of ED operations, triage, documentation, risk management, and resource utilization.

**Methods to be Used in Student Evaluation:**

- Observation of performance by faculty and residents
- Written end of shift evaluations by faculty and residents
- Assessment of History and Physical exams
- Assessment of written notes
- Procedural knowledge and performance

**Description:**

This four-week emergency medicine elective offers senior medical students an immersive experience in the evaluation and management of undifferentiated, acutely ill, and trauma patients in a high-acuity, fast-paced environment. Students will participate in direct patient care under the supervision of board-certified emergency physicians, developing core skills in clinical reasoning, focused history-taking, physical examination, and procedural competency. Emphasis is placed on forming differential diagnoses, initiating management plans, and interpreting diagnostic data such as labs, imaging, and ECGs. Students will work closely with interdisciplinary teams, gaining insight into the systems-based practice of emergency medicine, including triage, patient flow, documentation, and medicolegal considerations. The rotation also includes participation in didactics, case discussions, and hands-on skills sessions to reinforce clinical knowledge and enhance procedural confidence. By the end of the course, students will have a deeper understanding of emergency medicine's unique role in the healthcare system and will be better prepared for internship and acute care responsibilities.

## General Surgery

**Duration (2 wks or 4 wks):** 2 or 4 weeks

**Location:** Henry Ford Wyandotte Hospital

**Period Offered:** Year Round

**Distribution of Student's Time:**

- 80 % Surgical patient care
- 10 % Non-surgical patient care
- 10 % Didactics

**Enrollment/Period (how often you can take):** 2 times maximum with preapproval required

**Prerequisite(s):** Year III and Year IV

**Rotation Objectives:**

- Learn the basic presentation and management of common general surgery pathology including but not limited to appendicitis, cholecystitis, diverticulitis, hernias, and pancreatitis
- Learn what conditions require more urgent evaluation
- Learn basic suturing techniques
- Observe and participate in the evaluation, intra-operative, pre-operative and post-operative management of surgical patients.
- Demonstrate the ability to appropriately evaluate post-operative care of patients.
- Demonstrate the ability to perform and record a structural examination on a surgical patient and document such using acceptable terminology.
- Interact with patients and their families in a respectful, sensitive, and ethical manner.
- Interact with members of the team, patients, and ambulatory clinical personnel in a respectful, responsible, and professional manner.

**Evaluation:**

- Quality of care given
- Participation in team care
- Participation and performance in didactics
- Level of knowledge

**Methods to be Used in Student Evaluation:**

- Observation of performance by faculty, residents, and house officers
- Assessment of presentation
- Assessment of write-ups/reports

**Description:**

The Program provides clinical learning and experience in the pre-operative, operative and post-operative learning and surgical experience for patients with all diseases which fall within the scope of practice of general surgery including:

Skin and soft tissue

- Diseases of the head, neck and endocrine system

- Diseases of the gastrointestinal tract and other abdominal viscera
- Diseases of the breast
- Diseases of the abdominal wall
- Thoracic surgery and diseases of the vascular system
- Trauma, emergency surgery, surgical critical care
- Endoscopy

## OBGYN

**Duration (2 wks or 4 wks):** 2 or 4 weeks

**Location:** Henry Ford Wyandotte Hospital

**Period Offered:** July-November

**Distribution of Student's Time:**

- 40% Gynecologic patient care and surgery
- 40% Obstetric care and delivery
- 10% outpatient patient care and specialty clinics
- 10% Didactics

**Enrollment/Period (how often you can take):** Three students per block

**Prerequisite(s):** Year IV

**Rotation Objectives:**

- Increase understanding in management of laboring patients
- Obtaining targeted OBGYN histories and formulating concise assessment and plan
- Perform routine speculum exams and bimanual exams
- Identify pelvic anatomic structures during operative cases.
- Assisting with pre-op and patient positioning in the OR
- Demonstrate the ability perform a vaginal delivery on a real or simulated patient.
- Demonstrate an understanding of basic gynecologic procedures.
- Demonstrate the ability to suture and tie surgical knots.
- Be willing and able to assist in the following:
  - Delivery
  - Episiotomy/laceration repair
  - Insertion of urinary catheter
  - Observe amniotomy and foley bulb/cook placement
  - Pelvic examination under anesthesia
  - Speculum exams
  - Ultrasound for fetal positioning
  - Closure of incision
  - Wet mount examination
  - Uterine manipulation

**Evaluation:**

- Quality of care given
- Patient interactions/patient comfort
- Integration as part of the team and interactions with residents/staff
- Participation and performance in didactics
- Level of knowledge
- Level of skills

**Methods to be Used in Student Evaluation:**

- Observation of performance by faculty, residents, and hospital staff
- Assessment of rounding and patient presentations in sign out
- Assessment of student presentation given in didactics as well as participation in education
- Exit interview: will discuss rotator performance at the end of their interview and give feedback

**Description:**

The purpose of this OBGYN elective rotation is to give students a comprehensive introduction to didactic education and clinical experience in OBGYN residency at Henry Ford Wyandotte. This includes but is not limited to management of woman's reproductive health at all stages, diseases and disorders of female reproductive system in both obstetrics and gynecology, surgical processes and procedures in gynecology, management of low-risk and high-risk pregnancies, and preventative woman's health. Obstetrics and Gynecology is a collaborative field and our goal is to integrate you as part of our team during your time here.

***\*Please note that the OBGYN program at Henry Ford Wyandotte has osteopathic recognition.***