Curricular Unit: Advanced Surgery Clerkship

Curricular Elements and Requirements:

Curricular Elements: Per site director/ site specific requirements and expectations

Requirements:

1. Must take two (2) 12-hour calls to qualify for Honors

*The PxDx log must be completed by the end of the 20/21 academic year. Therefore, students should log as they encounter these experiences. PxDx elements not encountered in face to face patient care will require an alternative experience as determined by the Clerkship Director.

Learning Objectives:

1. Obtain an accurate surgical history.
2. Perform a complete and organ specific physical examination.
3. Interpret the diagnostic and imaging modalities necessary for the care of surgery and trauma patients.
4. Perform diagnostic and therapeutic procedures commonly utilized in surgical patients.
5. Identify screening techniques involved in preventing surgical illness and strategies to prevent traumatic and thermal injury.
6. Appreciate surgical decision-making with regard to current practice, data and medical knowledge.
7. Construct a rationale for both operative and non-operative management of surgical patients.
8. Construct management strategies for a preoperative and postoperative patient.
9. Present a case in conference that demonstrates knowledge of the patient, diagnostic workup, disease process, intervention and outcome.
10. Function as integral member of the surgical team on rounds.
11. Collaborate with the operative team and recognize operating room safety.
12. Demonstrate the ability to present patients at handoff conference in a systematic and thorough manner.
13. Function as an effective member of the trauma team in the resuscitation of a trauma patient.
14. Recognize the anatomical and physiological differences associated with the surgical care of men and women.
15. Appraise the physiologic response to surgery and trauma in the extremes of age.
16. Identify the principles and application of surgical informed consent.
17. Recognize the ethical implications of trauma and burn patients and the social factors that predispose them to injury.
18. Recognize the ethical issues associated with organ transplantation.
19. Consider the ethical, legal and clinical principles of brain death and end of life issues in the surgical patient.
20. Identify the principles of surgical quality.
21. Discuss how to communicate bad news to surgical patients and families.
22. Write a thorough and concise surgical note.
23. Present patient data in a thorough and concise manner on surgery rounds.
24. Employ appropriate operating room etiquette including sterile technique and appropriate conduct.
25. Consider the cost of certain procedures, equipment and materials used in surgical care.
26. Recognize how patients gain or are denied access to surgical care.

**Summary of Assessment:**

**Four Tier: H/HP/P/F**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Clinical Score</th>
<th>Other Score</th>
<th>Composite Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honors</td>
<td>≥2.60-3.00</td>
<td>30</td>
<td>≥89.5%</td>
</tr>
<tr>
<td>High Pass</td>
<td>≥2.30-2.59</td>
<td>27-29</td>
<td>81 - 89.4%</td>
</tr>
<tr>
<td>Pass</td>
<td>≥2.00-2.29</td>
<td>23-26</td>
<td>70 - 80.9%</td>
</tr>
<tr>
<td>Fail</td>
<td>&lt;2.00</td>
<td>&lt;23</td>
<td>≤ 69.9%</td>
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</tbody>
</table>

**Clinical score** = 70% of final grade

Clinical score will be based on a 5-point Likert scale: 1, 1.5, 2, 2.5, 3 utilizing an End of Rotation (EOR) Form completed by Grading Committee based on feedback/forms from clinical preceptor/site. See FCPM syllabus and/or One45 for EOR form.

**Other Score** = 30% of final grade

Other Score Break down:

<table>
<thead>
<tr>
<th>Academic Participation</th>
<th>Criteria</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Case Presentation</td>
<td>Site director or chief resident will lead and grade the case presentations. Each of the following are worth a total of 2 points each and averaged to give a final score. H&amp;P Differential Knowledge of Patient Knowledge of Disease Presentation and Communication</td>
<td>10 Points</td>
</tr>
<tr>
<td>Integrative Team Simulation</td>
<td>Students will work in a team to participate in 2 simulations worth a total of 5 points each.</td>
<td>10 Points</td>
</tr>
<tr>
<td>Competency Checklist</td>
<td>Each of the following items are worth 1 point each to a maximum of 10 points: 1. Foley insertion or removal 2. Nasogastric tube insertion or removal 3. Surgical Drain insertion or removal</td>
<td>10 Points</td>
</tr>
</tbody>
</table>
4. Suturing & Knot Tying
5. Staple insertion or removal
6. Intraosseous or Intravenous Catheter Insertion
7. Airway Management
8. FAST Exam/Ultrasound guided procedure or imaging
9. H&P note
10. SOAP/Progress note
11. Post-operative note
12. Admission orders
13. Clinic Note
14. Wound care
15. Patient/family communication

**Dates Offered:**
02/01/2021-02/28/2021
03/15/2021-04/11/2021

**Advanced Clerkship make up Policy/Procedure:**

In the event of a failure: The student will be required to retake the Advanced Clerkship.

In the event of an illness or other excused absence: The student will work with the Clerkship Director to determine how to make up missed clerkship experiences. See absence policy