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EMED705J: ALREADY FULL
EMERGENCY MEDICAL RESPONSE

CRN: 21348
Credit: 1 credit
Term: Winter
Preqs: The medical student must be able basic physical examination consistence with material learned in the first year of medical school.
Learner: MS2
Location: urban 911 system (ambulance response) and suburban system (fire response)

Schedule:
1) One 12 hour ride along shift with Multnomah County American Medical Response
2) One 12 hour ride along shift with Clackamas County Fire Department
3) Additional 12 hour ride along shift with Clackamas County Fire or American Medical Response at their discretion
4) Four hours of classroom instruction from the topics below:
   - Lecture prepared by the course from advisor Dr. Craig Warden
   - Lecture prepared by Laurel Conley of REACH Air Medical Services
   - REACH Air Medical Services helicopter tour (operational dependent)
   - Lecture prepared Gary Olds on the history, structure, and purpose of emergency response.

Assessment Methods: Post-assessment quiz, answer the objective list, write a narrative of their experience.
Grade: Pass/No Pass
Course Description: This three shift rotation is an introduction to emergency field medicine for students in the first and second years of medical school at Oregon Health and Sciences University. Students will be introduced to the core skills (CPR, Cardiac monitoring/defibrillation, cardiac pacing, endotracheal intubation, IV/IO placement, spinal immobilization, extremity splinting, pleural needle decompression, emergent tracheostomy, etc.), medications used by paramedics, and how emergency medical services function as a team from pre-arrival at an emergency response location to delivery of the patient to the emergency department. The focus of instruction will be assessment from direct observation of patients suffering from life threatening emergencies. This elective incorporates ride along experiences with ambulance and fire based emergency medical service providers in addition to classroom experiences on the campus of OHSU. This elective is designed as an introduction to emergency medical response through observation. It is not designed for the medical student to provide treatment to patients in the field.

ORTH705B
EXAMINATION AND MANAGEMENT OF SPECIFIC MUSCULOSKELETAL DISORDERS

CRN: 21108
Credit: 1 credit  
Term: Winter  
Preqs: None  
Learner: MS2  
Location: CLSB 2S011 & 2S015  
Course Director: Hans Carlson, MD (carlsonh@ohsu.edu)  
Contact: Education Coordinator: Dezmoree Johnson (hagend@ohsu.edu)  
Schedule: 12-1pm on Thursdays (except for 2/16/2017)  
Assessment Methods: Exam 50%, Participation 25%, and Observation of physical exam with “subject” 25%  
Grade: Pass/No Pass  
Course Description: This course covers by body region the common musculoskeletal disorders encountered in clinical practice. The clinical presentation with respect to history, exam and workup are presented in a didactic format the first week and then by small group hands-on exam the following week.  
> 12-Jan Spine/Hip  
> 19-Jan Practical Exam  
> 26-Jan Shoulder  
> 2-Feb Practical Exam  
> 9-Feb Elbow/Wrist/Hand  
> 16-Feb NO CLASS ASSESSMENT WEEK  
> 23-Feb ENRICHMENT WEEK  
> 2-Mar Practical Exam  
> 9-Mar Knee  
> 16-Mar Practical Exam  
> 23-Mar Foot/Ankle & Practical Exam  
Learning Objectives:  
1. To develop a detailed understanding of the common clinical musculoskeletal injuries encountered in the clinical setting.  
2. To apply anatomical knowledge to patient symptoms.  
3. To gain skills in evaluating patients with examination techniques.  

OTOL705F  
SOFT TISSUE TECHNIQUE PRACTICUM  
CRN: You must contact Michelle Bilton at bilton@ohsu.edu if you are interested in this elective.  
Credit: 1 credit  
Term: Winter  
Grade: Pass/No Pass  
Dates: January 25 & 26  
Time: 5:00pm-7:00pm  
Location: (PLEASE NOTE 2 LOCATIONS)
January 25- CHH14050  
January 26- CHH7050

Contact: Education Coordinator: Michelle Bilton (bilton@ohsu.edu)

Course description: Practical application of soft tissue surgical techniques using video instructional segments as well as individual instruction by Facial Plastic Surgery staff and residents during 2 three-hour intensive suturing workshop located at the Center for Health and Healing. The course is focused on soft tissue handling and reconstructive techniques. Materials covered include basic principles of soft tissue surgery proceeding to moderately advanced techniques. Incisions, excisions, appropriate instrument usage and broad variety of wound closure techniques will be taught and practiced (subcuticular suturing, deep suturing, surface suturing and staple usage). Surface flaps of all types (advancement, rotation, interposition, Rhombic, bilobed) Z-plasty and scar camouflage surgery are covered. Priority is given to students in the first year of medical school as they have had the least exposure to soft tissue reconstruction

Pre-work

Session 1:
Required reading prior to the session (6 hrs):
- Please read chapters A,B,C,D,E,G (skip subsection 8,11,12,and 13), H (skip hand tying, we will only instrument tie), J (subsection 1 to 6, do not cover drains and blisters) and M.
3 copies available in the library.
The book is also available in Amazon to buy for $60

Skills to practice during session 1 with assistance of Facial Plastic Surgery staff: Simple interrupted sutured, vertical mattress sutures, horizontal mattress suture, running closure, running locking suture, intradermal (ie. Subcuticular), and inverted deep stitch.
The stitches are described in chapter J of the above book.

Session 2:
Practice skills developed in session 1 (2 hrs)
Required reading prior to the session (4 hrs)
1) Same book as session 1. Essential Surgical Skills by David Sherris and Eugene Kern. Chapters K and M
2) From Local Flaps in Facial Reconstruction: A defect based approach. Velupillair Ilankovan.
   - Chapter on facial subunits pages 23-26 (do not read about the specific subunits of the parts of the face, that is advanced).
   - Basic flaps pages 45-63
   - Pay special attention to how to deal with a Dog’s ear (page 60)
This ebook is available online at the library.

Skills to practice during session 2 with assistance of Facial Plastic Surgery staff: Identifying RSTL and LME lines and standing cutaneous cone (ie. “Dog ear”). Practicing advancing flap, rotation flap, interpolated flap, and standing cutaneous cone. If time permits, we will discuss z-plasty, note flap, bilobe, rhombic flap, W-plasty and geometry broken line.
There will be a quiz prior to starting each session.