

EMERGENCY/ORTHOPAEDIC TRAUMA AND COMMUNITY HEALTH

CREDITS: 4.00 CREDITS (Clinical Elective)

SITE: Carlos Otis Stratton Mountain Urgent Care, Stratton Vermont

DIRECTOR: Dr. Ricky Kue

PREREQUISITES: (Core Clinical Clerkships) or equivalent

OFFERED: Full time for one month, in December, January, February and March

Fourth year students in good academic standing, that are enrolled in a medical school accredited by the Association of American Medical Colleges or American Medical Association or by the American Osteopathic Association, may apply for clinical rotations at Carlos Otis Stratton Mountain urgent Care, Stratton Vermont.

Description: Prior approval required, please email Megan Eichhorn , Clinical Coordinator/ Clinical Manager at, meichhorn@carlosotisclinic.org, forward approval to your registrar.

A deposit of \$100 is required to secure enrollment and will be refunded upon successful completion of the rotation.

A 2 bedroom fully equipped slope side apartment within walking distance to Stratton Village is provided for a fee of \$150 per student.

The Carlos Otis Stratton Mountain Clinic provides a unique clinical experience with significant exposure and opportunity to work with top Emergency Medicine Physicians and Orthopaedic Surgeons from renowned health care institutions. Providers volunteer their time and new physicians are changed out weekly, giving you a multitude of opportunity to learn from varying physicians.

The clinic is staffed with 2-4 physicians daily, and may also include on occasion Internal Medicine and/or Family Practice providers as well as Residents. The clinic operates from the end of November to the second week in April each year. The staff encompasses experienced ACLS trained Nurses as well as X-ray Technologists, Paramedics, EMT's and Ski Patrollers.

Two or Three students are accepted per month and are expected to be an integral member of the team, helping to triage, assess and treat patients as well as lending a hand with all clinic operations. Weekends and holidays periods are peak times with potentially 40+ patients per day. The clinic treats patients of all ranges, in a walk-in or emergent care setting at the base of Stratton Mountain Ski Resort.

Typical patient encounters can include Orthopaedic trauma, TBI's, internal injuries, multi-system trauma, lacerations as well as medical emergencies such STEMI's, stroke, acute asthma or allergic reactions, etc. The clinic also cares for the local community and resort employees, treating primary care issues.

Students will become skilled in history, physical exam and x- ray assessment of a wide variety of acute musculoskeletal injuries including: joint reductions, severe bone fractures, sprains, etc. The students will learn hands on splinting, casting immobilization and patient care instructions that are required for treating such injuries.

Serious injuries or acute illnesses requiring hospital care of evaluation, (CT, MRI) are sent to various hospitals in the VT, NH area via the clinic's Paramedic level ambulance. Helicopter transport for life threatening injuries is coordinated by the clinic staff and patients are transferred to the closest Level 1 Trauma Centers.

Students are expected to be available daily from 8:30 am- to 5:00 pm. Students and physicians are allowed to ski or ride during low volume times and must carry a radio and cell phone and return to the clinic immediately as requested. Most graduates from this clerkship have found it to be a busy and stimulating experience while also being able to enjoy the surrounding facilities at one of new England's premier winter sports destinations.

LEARNING GOALS:

To become competent in the assessment and treatment of various musculoskeletal injuries, learning to use applied knowledge of anatomy and skills in physical examination to diagnose the injury and formulate a plan of treatment and to become proficient in suturing and laceration care. Achieving skills in the evaluation of medical problems, both emergent and walk-in, these vary from the routine and minor, to life threatening. Learning to function as an integral part of the team in a sometimes very paced environment. Gaining skills in the management of head injuries, visceral injuries, cardiac events, to the everyday common cold, all while using critical thinking skills for immediate treatment decisions and patient discharge either via transport by care ride home, by ambulance, or helicopter encompassing all ages.

STUDENT EVALUATION GRADE CRITERIA

High Honors/Outstanding overall performance

Comprehensive knowledge base, superb problem focus, accurate, thorough history & physical examination, able to act independently, excellent interpersonal skills, outstanding judgement in difficult problems & settings; consistently meets highest standards of professional conduct and behavior. Exhibits exemplary teamwork.

Honors/Excellent overall performance

Consistent, above average performance, strong knowledge base, clear focus on problem, accurate history & physical examination, usually able to act independently, excellent judgement in difficult settings, initiative beyond expected, strong communication skills, accepts responsibility.

Pass/Adequate but may at time be below average performance

Good baseline knowledge & ability to correct gaps, problem focus identifies most issues, careful history & physical examination, good judgement & reasonable clinical decisions, often to act independently, strong interest & initiative, meets commitments, punctuality sometimes a problem.

Fail/Exceptionally poor performance

Serious unacceptable deficiencies, did not accept responsibilities, insufficient fund of knowledge, unable to act independently, inadequate history & physical examination, insensitive to patient's needs, unorganized, not reliable and lack of engagement as well as regular absences.

Student Testimonials:

Colin Nevis: HMS "Hey Team, I wanted to pass on a thank you to the entire COSMC team. My month at the clinic was probably the rotation that has been the most helpful to me as a new orthopaedic intern. I was given more independence and responsibility than I typically had as a medical student in one of the city hospitals and was challenged to rise to that level of responsibility. Both the volume and nature of injuries helped to broaden my orthopaedics knowledge level and being able to perform suturing and bedside care such as casting gave me

the confidence to jump right into those tasks as a new intern. I also was forced to become more focused and efficient both seeing patients and writing notes-skills that have been incredibly helpful this year”.

Troy Ameen: HMS *“The Otis Clinic provided an intimate and unique learning environment, unparalleled in most hospital settings. With ample opportunities for hands on learning, I was able to become comfortable performing rudimentary orthopaedic and EM procedures on my own. I was given full responsibility of my patients, and gained a newfound confidence in diagnosing and working up common orthopaedic injuries. With my time outside of the clinic, I was able to learn to ski and spend time interacting with attending’s and the clinic staff who truly made me feel at home. In my opinion, this is undoubtably the ideal rotation for any student interested in orthopaedics or emergency medicine; I wish I could do it all over again”!*

If you would like more information regarding this rotation, please feel free to contact Megan Eichhorn at meichhorn@carlosotisclinic.org