

University of Kansas School of Medicine Surgery 900 Phase II Junior Surgery Clerkship Class Descriptions

Surgery 900 Junior Surgery Clerkship

Surgical problems and diseases are studied utilizing didactics, skills laboratory experiences, study questions, clinical problem discussion, assigned readings and live patients. This course prepares the student to meet the pertinent aspects of the Summative Competencies of the University of Kansas School of Medicine during the third year of Medical School. A particularly useful goal of this course is to teach the student to identify life-threatening conditions that require urgent intervention. Although the skills of this course are necessary for an ambulatory practice, the skills that are taught in this course are most frequently seen and performed in the hospital setting. The student is expected to have successfully completed Phase I of Medical School, which includes the ability to demonstrate competent understanding of normal and abnormal body structure and function, ability to competently perform and document a History and Physical Examination, and the ability to competently record the diagnosis and procedures of patients.

Students are assigned two four-week rotations (one in General Surgery and one in a Surgical Sub-specialty). If there is open space available in General Surgery after all students have been assigned, students have the option to choose one of those in place of a Sub-specialty.

General Surgery Rotations

Following are brief descriptions of the General Surgery rotations offered.

General Surgery, VA Medical Center, Leavenworth, Kansas

This rotation emphasizes the entire spectrum of general surgical care including preoperative, intra-operative and postoperative phases. The experience includes general abdominal, peripheral vascular and thoracic surgical cases. All attending faculty are KU faculty members. Residents from KU form a 3–4 resident team, of which the highest ranking is PGY-3. OR days are Monday, Wednesday, Thursday and Friday. Clinic days are Tuesday and Thursday. Conference day is Wednesday. The strengths of this rotation are the opportunity for extensive hands-on experience, a sense of appropriate autonomy, plenty of faculty-student direct interaction, and use of the electronic medical record developed by the VA, regarded as the best electronic medical record in the world today (Wall Street Journal, 2005).

This rotation is offered only during the 1st month of the Surgery 900 Junior Surgery Clerkship with a limit of 4 students. Offered to 3rd year students as 4 weeks of Surgery 900 or 4th year students as 4 weeks of Surgery 911 credit, respectively.

General Surgery, Memorial Hospital, McPherson, Ks. (Rural Rotation)

This rotation emphasizes the entire spectrum of general surgical care including preoperative, intra-operative and postoperative phases. The experience includes general abdominal, peripheral vascular and thoracic surgical cases. There are two full time general surgeons. The strengths of this rotation are the opportunity for extensive hands-on experience and the limited number of students for the ability to work one-on-one with an assigned physician.

This rotation is offered only during the 2nd month of the Surgery 900 Junior Surgery Clerkship with a limit of 2 students. Offered to 3rd year students as 4 weeks of Surgery 900 or 4th year students as 4 weeks of Surgery 921, respectively.

Minimally Invasive GI/Acute Care, KUMC, Kansas City, Ks.

General and Emergency Surgery, KUMC, Kansas City, Ks.

This rotation emphasizes the entire spectrum of general surgical care including preoperative, intraoperative and postoperative phases and the integration of these principles in the care and treatment of patients that present with urgent/emergent surgical issues. The experience includes general and emergent abdominal surgery, anorectal/colorectal surgery, hernia, limited thoracic surgery and endoscopy. There are two full time, board certified KU faculty

surgeons. Residents from KU form a 3 resident team, which include a KU General Surgery Chief Resident, a Family Practice PGY-3 and a part-time General Surgery PGY-2. OR days are Monday through Friday with occasional weekends. Clinic days are ½ day on Wednesday and Friday. The strengths of this rotation are the opportunity for extensive hands-on experience, level appropriate autonomy, plenty of faculty student interaction, and the use of electronic medical records.

Offered to 3rd year students as 4 weeks of Surgery 900 or 4th year students as 4 weeks of Surgery ??? credit, respectively There is a limit of 4 students per rotation.

Surgical Oncology, KUMC, Kansas City, Ks.

This rotation emphasizes the procedures and techniques of modern surgical oncology. The experiences include; seeing all surgical oncology inpatient and outpatient consultations with staff, operating room observation and participation, clinical and laboratory exposure to immunotherapy and basic cancer immunology, and special chemotherapeutic procedures. All attending faculty are KU faculty members. Residents from KU form a 3–4 resident team, of which the highest ranking is PGY-5. The strengths of this rotation are the opportunity for extensive hands-on experience, the exposure to procedures and techniques of modern surgical oncology and plenty of faculty-student direct interaction.

Offered to 3rd year students as 4 weeks of Surgery 900 or 4th year students as 4 weeks of Surgery 912 credit, respectively There is a limit of 4 students per rotation.

Transplant Surgery, KUMC, Kansas City, Ks.

Trauma/Critical Care/Bariatric, KUMC, Kansas City, Ks.

Sub-specialty Rotations

Following are brief descriptions of the Sub-specialty rotations offered.

Breast/Endocrine

Burn, KUMC, Kansas City, Ks.

This rotation emphasizes the care of burn patients ranging from outpatient treatment to ICU level care. The experience includes the floor and ICU level burn patients along with extensive operative experience. Plastic surgeons, general surgeons and trauma/critical care, are all KU faculty members. The team also includes a PGY-2 resident and a nurse practitioner. The OR experience includes a combination of acute burn surgery, burn reconstruction, and surgery for complex wounds including flaps. Clinic days are Tuesday, Wednesday and Thursday. Conferences including burn rounds are held on Wednesday. The strength of this rotation includes extensive hands on experience with the opportunity for one-on-one experience with the resident, nurse practitioner and the attending staff. Research opportunities are available that extend beyond the rotation.

Offered to 3rd year students as 4 weeks of Surgery 900 or 4th year students as 4 weeks of Surgery 912 credit, respectively There is a limit of 1 student per rotation.

Cardiothoracic Surgery, KUMC, Kansas City, Ks.

Otolaryngology Head and Neck Surgery, KUMC, Kansas City, Ks.

This rotation emphasizes all aspects of OTO/HNS from outpatient clinical evaluation to the full spectrum of surgical treatment. Sub-specialties include; Head and Neck Oncology, Sinus Disease and Allergy, Pediatric Otolaryngology, Otology and Neurotology, Facial Plastic and Reconstructive Surgery and Laryngology and Voice Disorders. The experience includes outpatient, inpatient and operative cases. All attending faculty are KU faculty members. Residents from KU form a 5-member team ranging from PGY 1-5. OR and Clinic days vary to obtain a broad experience. Conference days are Monday, Wednesday, and Thursday. The strength of this rotation is the diverse experience with high patient volume, no call, and is student friendly.

Offered to 3rd year students as 4 weeks of Surgery 900 or 4th year students as 4 weeks of

Surgery 912 credit, respectively There is a limit of 4 students per rotation.

Neurological Surgery, KUMC, Kansas City, Ks.

This rotation emphasizes the entire spectrum of neurosurgical care including preoperative, intra-operative and postoperative phases. The experiences include EVD procedures, lumbar punctures, lumbar drains, ICP monitoring and Swan Ganz catheterization. All attending faculty are KU faculty members. Residents from KU form a 5 resident team, ranging from PGY-2 to PGY-6. OR days are Monday through Friday. Clinic days are Monday, Tuesday, Wednesday and Friday. Conference days includes; M & M conference the 1st Monday of the month, Tumor Board every Monday evening, and Friday's consists of Grand Rounds and Neurology, Neurosurgery, Neuropathology and Neuroradiology case presentations. The strengths of this rotation are fourth year students may elect to rotate on neurosurgery as a pre-residency exposure and externship experience. They are given responsibility on a level similar to interns and are encouraged to spend more time in the operating room with the residents and staff.

Offered to 3rd year students as 4 weeks of Surgery 900 or 4th year students as 4 weeks of Surgery 918 respectively. There is a limit of 4 students per rotation.

Orthopedic Surgery, KUMC, Kansas City, Ks.

Orthopedic Surgery, VA Medical Center, Kansas City, MO

Pediatric Surgery, KUMC, Kansas City, Ks.

Plastic Surgery, KUMC, Kansas City, Ks.

This rotation emphasizes the diagnosis and comprehensive management of routine Plastic Surgery patients. The experience includes facial trauma, hand trauma, wound problems, congenital deformities and reconstructive problems. All 3 attending faculty are full time KU faculty members. Residents from KU range from a PGY-4 to PGY-6 level and often include a PGY-1. OR days are Monday, Tuesday, Wednesday and Friday. Clinic days are ½-day sessions Monday through Friday. Conference days are held weekly on Tuesday and Thursday. The strength of this rotation is the significant amount of resident and faculty interaction. The experience can be tailored to involve more clinic or OR time depending on the student's interest.

Offered to 3rd year students as 4 weeks of Surgery 900 or 4th year students as 4 weeks of Surgery 913 credit, respectfully. There is a limit of 4 students per rotation.

Urologic Surgery, KUMC, Kansas City, Ks.

This rotation emphasizes the entire spectrum of Genito-Urinary care including preoperative, intra-operative and postoperative phases. The experience includes general urology, endo/laparoscopic urology, female urology and urologic oncology. All attending faculty are KU full time faculty members. Residents from KU form a 6 resident team of which the highest is PGY-5. OR days are Monday through Friday. Clinic days are also Monday through Friday. Conference days are Thursday and Friday mornings. The strengths of this rotation are extensive hands-on experience, plenty of faculty-student interaction and enthusiastic resident teachers.

Offered to 3rd year students as 4 weeks of Surgery 900 or 4th year students as 4 weeks of Surgery 917, respectively. There is a limit of 4 students per rotation.

Urologic Surgery, VA Medical Center, Kansas City, Mo.

This rotation emphasizes the entire spectrum of Genito-Urinary care including preoperative, intra-operative and postoperative phases. The experience includes general urology, endo/laparoscopic urology, female urology and urologic oncology. The strengths of this rotation are extensive hands-on experience, plenty of faculty-student interaction and enthusiastic resident teachers.

Offered to 3rd year students as 4 weeks of Surgery 900 or 4th year students as 4 weeks of

Surgery 917, respectively. There is a limit of 4 students per rotation.

Vascular Surgery, KUMC, Kansas City, Ks.

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