ANES 822J: Anesthesiology Critical Care/MSICU

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Block 1A	2	Block 3A	2	Block 5A	2	Block 7A	2
Block 1B	0	Block 3B	0	Block 5B	0	Block 7B	0
Block 1C	0	Block 3C	0	Block 5C	0	Block 7C	0
Block 2A	2	Block 4A	2	Block 6A	2	Block 8A	2
Block 2B	0	Block 4B	0	Block 6B	0	Block 8B	0
Block 2C	0	Block 4C	0	Block 6C	0	Block 8C	0

COURSE DESCRIPTION:
This critical care rotation in the combined medical-surgical ICU (MSICU) will provide the third-year medical student with initial insights and impressions about critical care medicine. This rotation will exclusively take place within the MSICU.

LEARNING GOALS & OBJECTIVES: At the completion of this clinical rotation students should be able to do the following:
1. Aid in the planning and administration of a sound care plan based on an integrated knowledge. (PC1, PC2, MK1, MK2, MK3)
2. Discuss principles of physiology of vital functions with respect to clinical conditions in critical care medicine. (MK1, MK2, MK3)
3. Recognize, diagnose, and pathophysiologically discuss jeopardizing conditions of vital functions in perioperative settings of patients. (MK1, MK2, MK3)
4. Create basic concepts of therapy for conditions of hemodynamic insufficiency, sepsis, shock, respiratory failure, multi-organ-dysfunction. (MK1, MK2, MK3)
5. Discuss principles of pharmacology for resuscitation, antibiotics, nutrition and fluid replacement, transfusion of blood components, analgo-sedation, adjuvant medications. (MK1, MK2, MK3)

INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES: Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:
1. Participation in examining and evaluating admitted patients.
2. Daily rounding on ICU patients and presentation of patient condition during morning attending/teaching rounds.
3. Frequent/continuous reevaluation of patients according to acute changes of medical conditions.
4. Completion of problem-based learning focused on using the available literature to research one patient/problem per week.

PATIENT ENCOUNTERS: Students will be expected to work-up patients with these specified conditions:
1. Postoperative recovery of patients with multiple or severe comorbidities and/or conditions after intraoperative complications
2. Respiratory dysfunction requiring mechanical ventilation and/or extended respiratory treatment
3. Hemodynamical dysfunction requiring extended and/or invasive monitoring
4. Multi-organ-dysfunction in patients having long lasting life-threatening conditions
5. Altered mental status due to conditions with high risk of severe complications

EVALUATION / FEEDBACK METHODS: Students will be evaluated using the following methods:
1. E*Value Clinical Performance Evaluation.
2. Direct observation of clinical/practical skills performance by residents and attending on a daily basis.
3. Discussion and communication with staff, residents and attendings during daily rounds and work in the ICU, confirming student's appropriate level of knowledge and understanding.
4. Specific personal feedback by staff, residents, and attendings on individual request.

Will students be expected to participate in call? ☐ YES ☒ NO