

Modul designation	Surgical
Semester in which the module is taught	8 <sup>th</sup> -11 <sup>th</sup> Semester of Clinical Stage
Person responsible for the module	<ol style="list-style-type: none"> <li>1. Krishna Pradananta, dr., SpB,FinaCS (Head of Department)</li> <li>2. Arief Guntara, dr., Sp.B.</li> <li>3. Prof. Dr. M. Ahmad Djojogugito, dr., SpOT., MHA., MBS, FICS (Orth)</li> <li>4. Prof. Dr. Hendro Sudjono Yuwono., dr., Sp.BV(K)</li> <li>5. Wahyu Riansyah, dr., M.Kes., Sp.OT(K)</li> <li>6. Amri Junus, dr., Sp.B.</li> <li>7. Dr. Yusuf Heriady, dr., Sp.B(K),, Onk.</li> <li>8. Tomy Muhammad Seno Utomo, dr., Sp.U.</li> <li>9. Rais Syaeful Haq, dr., Sp.U.</li> <li>10. Dadang Rukanta, dr., Sp.OT., M.Kes.</li> </ol>
Language	Indonesia
Relation to curriculum	Compulsory
Teaching methods	BST, CRS, CSS, Journal reading, RPS, Flipped Learning, Grand visit, ER Round, out-patient & inpatient care, Night shift, Surgical room
Workload	Total workload : 11 weeks
Credit points	22 ECTS
Required & recommended prerequisites for joining the module	-
Module Objective	<p>At the end of course, students will be able to:</p> <ol style="list-style-type: none"> <li>1. Obtain a complete and accurate medical history through anamnesis, performed a thorough surgical physical examination (including carrying out targeted examinations for emergency cases: loss of consciousness, respiratory distress, cardiac distress, acute abdomen and multiple fractures) and design the necessary supporting examinations</li> <li>2. Analyze data obtained from anamnesis, physical examination and supporting examinations to confirm the diagnosis of surgical cases. <ol style="list-style-type: none"> <li>a. Distinguish between acute and elective minor surgical cases</li> <li>b. Distinguish between acute and elective major surgical cases</li> <li>c. Differentiate medical emergencies from surgical emergencies</li> </ol> </li> <li>3. Plan and performed treatment including medical, simple surgical procedures, preventive and rehabilitative, in accordance with the diagnosis</li> <li>4. Make referrals for surgical cases, emergency and elective, appropriately</li> </ol>

	<ol style="list-style-type: none"> <li>5. Performed pre-surgical preparation and post-surgical monitoring for surgical patients undergoing general surgery</li> <li>6. Routine clinical procedures and knowing the indications, complications and limitations</li> <li>7. Communicate effectively with other health workers including consultants and nurses in accordance with professional ethics</li> <li>8. Demonstrate a sense of empathy with a comprehensive approach in accordance with professional ethics. (CPMK 5)</li> </ol>
Content	The Surgical Science Module includes mastery and application of concepts in the field of surgical science (anamnesis, physical examination, diagnosis, therapy management, and prevention) as well as biomedical medicine (anatomy, clinical pathology, pharmacology) and other clinical medical sciences (radiology, medical rehabilitation , and anesthesia)
Examination forms	Mini C-Ex, Long Case, Osler, OSCE
Study and examination requirements	System Pass Criteria : minimum B
Reading list	<ol style="list-style-type: none"> <li>1. Schwart's, Principles of Surgery, 8<sup>th</sup> Edition, 2005</li> <li>2. Salter's ,Textbook of Disorders and Injuries of Musculoskeletal System, 3<sup>rd</sup> Ed, 1999</li> <li>3. Apley's , System of Orthopaedics &amp; Fractures, 8<sup>th</sup> Ed, 2001</li> <li>4. Smith's ,General Urology , 14<sup>th</sup> Ed, 2004</li> <li>5. De Vita, Cancer : Principles &amp; Practice of Oncology, 8<sup>th</sup> Ed, 2005</li> <li>6. Grosfeld, Pediatric Surgery, 6<sup>th</sup> Ed, 2006</li> <li>7. Grabb &amp; Smith's, Plastic Surgery, 6<sup>th</sup> Ed, 2007</li> <li>8. Buku ajar ilmu bedah, Edisi 2, 2004</li> </ol>