CHEST SURGERY

(PHASE 6)

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| **LEARNING AIM(S)** | |
| **1** | In this course, it is aimed that the students gain knowledge and skills about the diseases and emergencies related to the chest surgery branch. |

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| **LEARNING OBJECTIVE(S)** | |
| **1** | To be able to recognize respiratory complaints and symptoms, to be able to take general medical patient history. |
| **2** | To be able to perform Cardiovascular, respiratory, and musculoskeletal system examination. |
| **3** | To be able to interpret respiratory examinations and analyzes, to be able to prepare a patient file. |
| **4** | To be able to apply the principles of working with biological material. |
| **5** | To be able read and evaluate direct radiographs. |
| **6** | To be able fill out the request form for laboratory examination. |
| **7** | To be able measure blood pressure, to be able take samples for culture. |
| **8** | To be able apply oxygen and nebulizer inhaler therapy. |
| **9** | To be able to apply and interpret pulse oximetry. |
| **10** | To be able to explain the etiological causes and mechanisms of chest surgery diseases. |
| **11** | To be able to define thoracic surgery emergencies and to be able to provide emergency treatment, to be able to refer to specialists when necessary. |
| **12** | To be able to identify thoracic trauma, to be able to make emergency treatment and to be able to evaluate, to be able to refer to a specialist when necessary. |
| **13** | To be able to make a preliminary diagnosis in lung cancer, to be able to perform the necessary preliminary procedures, to be able to direct them to the specialist and apply preventive measures. |
| **14** | To be able to explain the concept of sterile environment and to be able to gain hand washing skills. |
| **15** | To be able to gain model skills on thoracentesis interventional intervention related to thoracic surgery and to be able to explain tube thoracostomy and other major surgical methods. |

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| **INTENDED LEARNING OUTCOME(S)** | |
| **1** | Can recognize respiratory complaints and symptoms, can take general medical patient history. |
| **2** | Can perform Cardiovascular, respiratory, and musculoskeletal system examination. |
| **3** | Can interpret respiratory examinations and analyzes, can prepare a patient file. |
| **4** | Can apply the principles of working with biological material. |
| **5** | Can read and evaluate direct radiographs. |
| **6** | Can fill out the request form for laboratory examination. |
| **7** | Can measure blood pressure, to be able take samples for culture. |
| **8** | Can apply oxygen and nebulizer inhaler therapy. |
| **9** | Can apply and interpret pulse oximetry. |
| **10** | Can explain the etiological causes and mechanisms of chest surgery diseases. |
| **11** | Can define thoracic surgery emergencies and can provide emergency treatment, can refer to specialists when necessary. |
| **12** | Can identify thoracic trauma, can make emergency treatment, and can evaluate, can refer to a specialist when necessary. |
| **13** | Can make a preliminary diagnosis in lung cancer, can perform the necessary preliminary procedures, can direct them to the specialist and can apply preventive measures. |
| **14** | Can explain the concept of sterile environment and can gain hand washing skills. |
| **15** | Can gain model skills on thoracentesis interventional intervention related to thoracic surgery and can explain tube thoracostomy and other major surgical methods. |