

## COURSE CONTENT

**University:** Muğla Sıtkı Koçman University

**Faculty:** Medicine/ **Program:** English Program

**Academic Year:** 2021-2022

**Phase:** 5/ **Course:** Pediatric Surgery

**Course Code:** MED 5004 / **ECTS:** 1 / **T+U+L:** Theoretical + Practical

**Course Type :** Compulsory/ **Course Length :** 2 weeks/ **Type of Instruction :** Formal/ **Language of Instruction :** English

### Theoretical:

1. Abdominal physical examination and approach to child with acute abdominal pain (1hour)
2. Acute abdomen in childhood (3hour)
3. Anatomy and embryology of inguinal regionPhysical examination of the inguinal region and differential diagnosis of acute scrotum (1hour)
4. Anatomy, physiology and embryology of digestive system-Hirschsprung Disease and and Other Disorders of Intestinal Motility (1hour)
5. Anatomy, physiology and embryology of genitourinary system -Genitourinary (1hour)
6. Anatomy, physiology and embryology of respiratory system-Congenital anomalies of diaphragma and respiratory system (1hour)
7. Anorectal Malformations (2hour)
8. Anterior abdominal wall anatomy and embryology-Congenital Defects of the Abdominal Wall and Disorders of the Umbilicus (1hour)
9. Approach to child with multiple trauma (1hour)
10. Congenital anomalies of diaphragma and respiratory system (1hour)
11. Congenital anomalies of gastrointestinal system- Hypertrophic Pyloric Stenosis (1hour)
12. Congenital anomalies of gastrointestinal system- intestinal atresia (1hour)
13. Congenital Defects of the Abdominal Wall and Disorders of the Umbilicus (1hour)
14. CORE exam (2hour)
15. Esophageal diseases in childhood (1hour)
16. Functional constipation, encopresis and urinary incontinence in childhood (2hour)
17. Gastrointestinal Bleeding in childhood ve intestinal obstruction- Anal fissure, Meckel Diverticulum and Intussusception (1hour)
18. Genitourinary disorders- Vesicoureteral Reflux (1hour)
19. Genitourinary disorders-Hypospadias and other anomalies (1hour)
20. Hirschsprung Disease and and Other Disorders of Intestinal Motility (1hour)
21. Introduction of Pediatric Surgery Clerkship and Burn Care (1hour)
22. Inguinoscrotal pathologies- Inguinal Hernias, Hydroceles and Spermatic cord cysts (1hour)
23. Inguinoscrotal pathologies-Undescended Testis, Acute scrotum and Varicocele (2hour)
24. Multiple Choice Theoretical Exam (4hour)
25. Obstructive jaundice (1hour)
26. Pediatric trauma -gastrointestinal and genitourinary systems (2hour)
27. Pediatric trauma -respiratory system (1hour)
28. Phimosis and circumcision (1hour)
29. Radiological evaluation in intestinal obstruction (2hour)
30. Radiological evaluation of the respiratory system and diseases (1hour)
31. Solid tumors in childhood- Wilms' Tumor (1hour)
32. Solid tumors in childhoodNeuroblastoma (1hour)
33. Solid tumors in childhood-Teratoma and Other Tumors (2hour)
34. Stoma care (colostomy, ileostomy, gastrostomy, vesicostomy)

### Practical:

1. Advisory hour (6hour)
2. Bedside teaching- (2hour)

3. Bedside teaching- Acute abdomen (4hour)
4. Bedside teaching- Corrosive chemical substance ingestions (1hour)
5. Bedside teaching- Scrotal pain (2hour)
6. Bedside teaching- Undescended Testis (2hour)
7. Bedside teaching-an overview (2hour)
8. Bedside teachingHypospadias (2hour)
9. Bedside teachingIngestion and aspiration of foreign bodies (2hour)
10. Bedside teaching-Inguinal Hernias and Hydroceles (2hour)
11. Bedside teaching-Phymosis (1hour)
12. Bedside teachingwound and burn care (2hour)
13. Circumcision under Local Anaesthesia Outpatient clinic (History taking and physical examination) Bedside history and physical examination (4hour)
14. Community based education project -Informing families about burns/accidents and distributing brochures (2hour)
15. Community based education project -Informing families about corrosive substance ingestion and distributing brochures (2hour)
16. Community based education project -Informing families about foreign body ingestion/aspiration and distributing (1hour)
17. Community based education project -Informing families about foreign body ingestion/aspiration and distributing brochures (1hour)
18. Community based education project -Informing students (1hour)
19. Community based education project -Informing students about burns/accidents (1hour)
20. Community based education project -Informing students about burns/accidents and preparing a brochure (1hour)
21. Community based education project -Informing students about corrosive substance ingestion and preparing a brochure (1hour)
22. Community based education project -Informing students about foreign body ingestion/aspiration and preparing a brochure (2hour)
23. Feedbacks (1hour)
24. Introduction of Pediatric Surgery Clinic (2hour)
25. Patient safety and positioning in surgical operating theatre Circumcision under Local Anaesthesia Outpatient clinic (History taking and physical examination) Bedside history and physical examination (1hour)
26. Patient safety and positioning in surgical operating theatre Circumcision under Local Anaesthesia Outpatient clinic (History taking and physical examination) Bedside history and physical examination (1hour)
27. Patient safety and positioning in surgical operating theatre Outpatient clinic (1hour)
28. Patient safety and positioning in surgical operating theatre Outpatient clinic (History taking and physical examination) Bedside history and physical examination (7hour)
29. Presentation and insertion of vascular access, catheters and tubes /Placing intraosseous access (Occupational skill laboratory) (6hour)
30. Principles of sterility in surgical operating theatre Outpatient clinic (History taking and physical examination) Bedside history and physical examination (6hour)
31. Structured oral exam (7hour)
32. Surgical instruments and sutures-Learn How To Suture (1hour)
33. Surgical instruments and sutures-Learn How To Suture (Occupational skill laboratory) (2hour)

Others:

1. (History taking and physical examination) Bedside history and physical examination (1hour)
2. (Occupational skill laboratory) (1hour)
3. about corrosive substance ingestion and preparing a brochure (1hour)
4. and preparing a brochure (1hour)
5. and sutures-Learn How To Suture (Occupational skill laboratory) (1hour)
6. brochures (1hour)
7. Corrosive chemical substance ingestions (1hour)
8. disorders- Ureteropelvic Junction Obstruction (1hour)
9. Phymosis(1hour)

