

COURSE CONTENT

University: Muğla Sıtkı Koçman University

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

Academic Year: 2024-2025

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 Acute abdomen in childhood (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 Other Disorders of Intestinal Motility (1hour)
5. Anatomy, physiology and embryology of genitourinary system -Genitourinary disorders-Ureteropelvic Junction Obstruction, Vesicoureteral Reflux (1hour)
6. Anatomy, physiology and embryology of respiratory system-Congenital anomalies of diaphragm and respiratory system (1hour)
7. Anorectal Malformations (1hour)
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. Bedside teaching-an overview (1hour)
11. Congenital anomalies of diaphragm and respiratory system (1hour)
12. Congenital anomalies of gastrointestinal system- Hypertrophic Pyloric Stenosis (1hour)
13. Congenital anomalies of gastrointestinal system- intestinal atresia (1hour)
14. Course Evaluation Meeting (2hour)
15. Course IntroductionInformation Meeting (1hour)
16. Esophageal diseases in childhood (1hour)
17. Evaluation of Course Exam Questions (2hour)
18. Functional constipation, encopresis and urinary incontinence in childhood (1hour)
19. Gastrointestinal Bleeding in childhood and intestinal obstruction- Anal fissure, Meckel Diverticulum, and Intussusception (1hour)
20. Genitourinary disorders-Hypospadias and other anomalies (1hour)
21. Inguinoscrotal pathologies- Inguinal Hernias, Hydroceles, Spermatic cord cysts, Undescended Testis, Acute scrotum and Varicocele (1hour)
22. Multiple Choice Theoretical Exam (4hour)
23. Obstructive jaundice (1hour)
24. Pediatric trauma -gastrointestinal and genitourinary systems (2hour)
25. Pediatric trauma -respiratory system (1hour)
26. Phimosis and circumcision (1hour)
27. Radiological evaluation in intestinal obstruction (1hour)
28. Radiological evaluation of the respiratory system and diseases (1hour)
29. Solid tumors in childhood- Wilms' Tumor (1hour)
30. Solid tumors in childhood- Teratomas and Other Tumors (1hour)
31. Solid tumors in childhoodNeuroblastoma (1hour)
32. Solid tumors in childhood-Teratomas (1hour)
33. Stoma care (colostomy, ileostomy, gastrostomy, vesicostomy) (1hour)

34. Structured oral exam (6hour)

Practical:

1. Academic Counseling Hour (5hour)
2. Bedside teaching- Acute abdomen (3hour)
3. Bedside teaching- Corrosive chemical substance ingestions (2hour)
4. Bedside teaching- Hypospadias (1hour)
5. Bedside teaching- Ingestion and aspiration of foreign bodies (1hour)
6. Bedside teaching- Inguinal Hernias and Hydroceles (1hour)
7. Bedside teaching- Phimosis (1hour)
8. Bedside teaching- Scrotal pain (2hour)
9. Bedside teaching- Undescended Testis (1hour)
10. Bedside teaching-an overview (1hour)
11. Bedside teachingIngestion and aspiration of foreign bodies (1hour)
12. Bedside teachingPhimosis and hypospadias (1hour)
13. Bedside teaching-Undescended Testis, Inguinal Hernias and Hydroceles (1hour)
14. Bedside teachingwound and burn care (2hour)
15. Circumcision under Local Anesthesia Outpatient clinic (History taking and physical examination) Bedside history and physical examination (4hour)
16. Community based education project -Informing families about burns/accidents and (1hour)
17. Community based education project -Informing families about burns/accidents and distributing brochures (1hour)
18. Community based education project -Informing families about corrosive substance ingestion and distributing brochures (2hour)
19. Community based education project -Informing families about foreign body ingestion/aspiration and distributing brochures (2hour)
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 (1hour)
23. Course Introduction- Information Meeting (1hour)
24. Introduction of Pediatric Surgery Clinic (1hour)
25. Patient safety and positioning in surgical operating theatre Circumcision under Local Anesthesia Outpatient clinic (History taking and (1hour)
26. Patient safety and positioning in surgical operating theatre Outpatient clinic (History taking and physical examination) (1hour)
27. Patient safety and positioning in surgical operating theatre Outpatient clinic (History taking and physical examination) Bedside history and physical examination (5h)
28. Presentation and insertion of vascular access, catheters and tubes /Placing intraosseous access (Occupational skill (1hour)
29. Presentation and insertion of vascular access, catheters and tubes /Placing intraosseous access (Occupational skill laboratory) (1hour)
30. Presentation and insertion of vascular access, catheters and tubes /Placing intraosseous access (Vocational skills (1hour)
31. Presentation and insertion of vascular access, catheters and tubes /Placing intraosseous access (Vocational skills laboratory) (2hour)
32. Principles of sterility in surgical operating theatre Outpatient clinic (History taking and physical examination) Bedside history and physical examination (5h)
33. Principles of sterility in surgical operating theatre Outpatient clinic (History taking and physical examination) Bedside history and physical examination (1hour)
34. Structured Free Study hour (Community based education project - Informing students about corrosive substance ingestion and preparing a brochure) (1hour)
35. Structured Free Study hour (Community based education project -Informing students about burns/accidents and preparing a brochure) (1hour)

36. Surgical instruments and sutures-Learn How to Suture (Occupational skill laboratory) (2hour)
37. Surgical instruments and sutures-Learn How to Suture (Vocational skills laboratory) (2hour)
Others: <ol style="list-style-type: none"> 1. and Other Tumors (1hour) 2. Bedside history and physical examination (1hour) 3. Clinic (1hour) 4. distributing brochures (1hour) 5. laboratory) (2hour) 6. physical examination) Bedside history and physical examination (1hour)