

COURSE CONTENT

University: Muğla Sıtkı Koçman University

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

Academic Year: 2020-2021

Phase: 5/ Course: Pediatric Surgery

Course Code: MED 5004 / **ECTS:** 3 / **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. Advisory hour (6h)
4. Anorectal Malformations (1hour)
5. Approach to child with multiple trauma (1hour)
6. Congenital anomalies of gastrointestinal system- Hypertrophic Pyloric Stenosis (1hour)
7. Congenital anomalies of gastrointestinal system- intestinal atresia (1hour)
8. Congenital Defects of the Abdominal Wall and Disorders of the Umbilicus (2hour)
9. "Congenital Diaphragmatic Hernia and (1hour)
10. Eventration and Congenital anomalies of respiratory system" (1hour)
11. "Congenital Diaphragmatic Hernia and (1hour)
12. Eventration and Congenital anomalies of respiratory system" (1hour)
13. CORE exam (2hour)
14. Esophageal diseases in childhood (1hour)
15. Functional constipation, encopresis and urinary incontinence in childhood (1hour)
16. Gastrointestinal Bleeding in childhood ve intestinal obstruction- Meckel Diverticulum and Intussusception (1hour)
17. Genitourinary disorders- Hypospadias and other anomalies (1hour)
18. Genitourinary disorders- Ureteropelvic Junction Obstruction (1hour)
19. Genitourinary disorders- Vesicoureteral Reflux (1hour)
20. "Hirschsprung Disease and and Other Disorders of (1hour)
21. Intestinal Motility" (1hour)
22. Introduction of Pediatric Surgery Internship and Burn Care (1hour)
23. Inguinoscrotal pathologies- Inguinal Hernias, Hydroceles and Spermatic cord cysts (1hour)
24. Inguinoscrotal pathologies- Undescended Testis, Acute scrotum and Varicocele (2hour)
25. Multiple Choice Theoretical Exam (4hour)
26. Obstructive jaundice (1hour)
27. Pediatric trauma - respiratory system (1hour)
28. Pediatric trauma -gastrointestinal and genitourinary systems (2hour)
29. Phimosis and circumcision (1hour)
30. Physical examination of the inguinal region and differential diagnosis of acute scrotum (1hour)
31. Radiological evaluation in intestinal obstruction (1hour)
32. Radiological evaluation of the respiratory system and diseases (1hour)
33. Solid tumors in childhood- Neuroblastoma (1hour)
34. Solid tumors in childhood- Wilms' Tumor (1hour)
35. Solid tumors in childhood-Teratomas and Other Tumors (2hour)
36. Stoma care (colostomy, ileostomy, gastrostomy, vesicostomy) (1hour)

Practical:

1. Bedside teaching- Acute abdomen (4hour)
2. Bedside teaching- burn care (2hour)
3. Bedside teaching- Corrosive chemical substance ingestions (2hour)

4. Bedside teaching- Ingestion and aspiration of foreign bodies (2hour)
5. Bedside teaching- Inguinal Hernias and Hydroceles (2hour)
6. Bedside teaching- Scrotal pain (2hour)
7. Bedside teaching- Undescended Testis (2hour)
8. Bedside teaching-an overview (2hour)
9. Bedside teaching-Hypospadias (2hour)
10. Bedside teaching-Phymosis (2hour)
11. Bedside teaching-wound care (2hour)
12. Community based education project - Informing families about foreign body ingestion/aspiration-corrosive substance ingestion-burns/accidents and distributing brochures (2hour)
13. Community based education project - Informing students about burns/accidents and preparing a brochure (2hour)
14. Community based education project - Informing students about corrosive substance ingestion and preparing a brochure (2hour)
15. Community based education project - Informing students about foreign body ingestion/aspiration and preparing a brochure (2hour)
16. Feedbacks (2hour)
17. Introduction of Pediatric Surgery Clinic (2hour)
18. "Patient safety and positioning in surgical operating theatre Circumcision under Local Anaesthesia (4hour)
19. Outpatient clinic (History taking and physical examination) Bedside history and physical examination " (18hour)
20. "Patient safety and positioning in surgical operating theatre (12hour)
21. Presentation and insertion of vascular access, intraosseous access, catheters and tubes (2hour)
22. "Principles of sterility in surgical operating theatre Circumcision under Local Anaesthesia (2hour)
23. Structured oral exam (6hour)
24. Surgical instruments and sutures-Learn How To Suture (4hour)

Others:

1. Topic of the Lecture (3hour)