

UCLA DEPARTMENT OF ANESTHESIOLOGY

PEDIATRIC ANESTHESIOLOGY FELLOWSHIP

SAMPLE DIDACTIC SCHEDULE

Week 1	Preoperative Evaluation of the Pediatric Patient
Week 2	Anesthetic Management of the Premature Infant
Week 3	Anesthetic Management of the Neonate and Neonatal Emergencies
Week 4	Neonatal Advances Life Support (NALS)
Week 5	Pediatric Airway Management and the Difficult Airway
Week 6	Basic Pediatric Physiology
Week 7	Pediatric Anesthesia Life Support (PALS)
Week 8	Developmental Pharmacology
Week 9	Thermoregulation in Infants and Children
Week 10	Transfusion and Fluid Management in the Pediatric Patient
Week 11	Pediatric Trauma and Burns
Week 12	Local Anesthetics: Use and Toxicity
Week 13	Fellows' Journal Club #1
Week 14	Acute Pediatric Pain Management
Week 15	Neuromuscular Disorders and Myopathies
Week 16	Inborn Errors of Metabolism
Week 17	Fellows' Journal Club #2
Week 18	Pediatric Connective Tissue Disorders (i.e. epidermolysis bullosa, osteogenesis imperfecta)
Week 19	Approach to the Patient with Congenital Heart Disease (CHD)
Week 20	Fellow A Lecture #1 – Topic of Choice
Week 21	No Lecture - Holidays
Week 22	Shunts and Single Ventricle Physiology
Week 23	Anesthesia for Pediatric Patients in the Cath Lab
Week 24	CPB/DHCA/ECMO
Week 25	No Lecture - Holidays
Week 26	No Lecture - Holidays
Week 27	Ventilation Strategies and Management, including Lung Isolation and Single Lung Ventilation
Week 28	Fellow B Lecture #1 – Topic of Choice
Week 29	Considerations for Sedation, Offsite Anesthesia, and Transport of the Critically Ill Pediatric Patient
Week 30	Post-anesthetic Care for the Neonate, Infant, and Child
Week 31	Anesthesia for Pediatric Neurosurgery, including Functional Neurosurgery
Week 32	Anesthesia for Pediatric Plastics, Craniofacial Surgery, including craniosynostosis, mandibular distraction
Week 33	Fellows' Journal Club #3
Week 34	The Shared Airway and Foreign Body Aspiration
Week 35	The Transplant Patient
Week 36	Ethical and Legal Aspects within Pediatric Anesthesia
Week 37	Anesthesia for General Pediatric Surgery, including CDH, TEF/EA, gastroschisis, omphalocele
Week 38	Anesthesia for General Pediatric Surgery, including pyloric stenosis, malrotation, volvulus, imperforate anus

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Week 39	Fellows' Journal Club #4
Week 40	Coagulation Abnormalities and Therapies in Pediatrics
Week 41	Anesthesia for Pediatric Urology
Week 42	Anesthesia for Pediatric Orthopedic Surgeries
Week 43	Fellow A Lecture #2 – Topic of Choice
Week 44	Nerve Monitoring in the Pediatric Patient – BIS, SSEP, MEP, EMG, nerve integrity
Week 45	Anesthetic Considerations for Pediatric Oncologic Disorders
Week 46	Pediatric Chronic Pain and Palliative Care
Week 47	Fellow B Lecture #2 – Topic of Choice
Week 48	Anesthetic Considerations for Pediatric Immunologic and Rheumatologic Disorders
Week 49	Pediatric Infectious Disease and the Anesthesiologist
Week 50	Anesthesia for Pediatric Ophthalmologic Surgery
Week 51	Fellows' Journal Club #5
Week 52	Program Review