# Contents


1. **Abdominal Pain (Adult)** 1
*Roberta Petrino, Aldo Tua*

2. **Abdominal Pain (Acute) in Children** 13
*Meera Luthra, Apurva Arora*

3. **Abdominal Pain (Chronic) in Children** 18
*Faiz Ahmad, Thiagrajan Jaiganesh*

4. **Anal Fissure** 24
*Ashok Puranik*

5. **Anemia** 27
*Khusrav Bajan, Evith Pereira*

6. **Ankle Sprain** 36
*Sanjay Shah, Chintan Thanki*

7. **Ascites** 45
*Jesus Daniel López Tapia, Mariana Patricia Valdez Rodríguez*

8. **Bleeding Disorders** 52
*Ayesha Musabbah Almemari, Hanan Salah Al Hajri, Maryam Hasan Darwish Alshehhi*

9. **Bell's Palsy** 72
*Ali Abdolrazaghnejad, Mohsen Banaie*

10. **Breast Problems** 77
*Rajeev Agarwal*

11. **Bowel Obstruction** 83
*Jesus Daniel López Tapia, Aldo Emigdio Bartolini Salinas*

12. **Cervical Sprain (Whiplash Injury)** 93
*Chintan Thanki, Sanjay Shah*

13. **Chest Pain** 99
*Rahul Mehrotra, Shubham Chelawat*

14. **Clubbing** 111
*Vivek Chauhan, Suman Thakur*

15. **Clavicle Fracture** 118
*Sandeep Jain*

**16. Concussion** 123
*Mustafa Sabak, Behcet Al*

**17. Coma** 128
*Saleh Fares, Omar Ghazanfar*

**18. Constipation in Adult** 137
*Rohan N Shah*

**19. Convulsions in Adults** 141
*Amit Nabar*

**20. Convulsion in Children** 152
*Sanjukta Dutta*

**21. Cough in Adult** 162
*Bhawana Sharma*

**22. Cough in Children** 167
*Maninder S Dhaliwal*

**23. Crying in Infant and Children** 174
*Shweta Tyagi*

**24. Cyanosis** 181
*Suman Thakur, Vivek Chauhan*

**25. Deafness** 188
*Deepak Dalmia, Sanjaya Bahera*

**26. Dental Problems** 193
*Mayank Tripathi*

**27. Diarrhea in Adult and Travelers** 207
*Sanjay Kumar*

**28. Diarrhea in Children** 212
*Veena Raghunathan*

**29. Dysmenorrhea** 220
*Nilu Sunil*

**30. Dyspepsia** 225
*Ravindra Kale*

**31. Dysphagia** 229
*Amit Mittal, Anukalp Prakash*

**32. Dyspnea** 235
*Chitra Mehta, Srinivas Monanga*

**33. Earache** 242
*Deepak Dalmia, Sanjaya Bahera*

**34. Ear Discharge** 252
*Sanjaya Bahera, Deepak Dalmia*

**35. Epistaxis** 256
*Sandeep B Gore*

**36. Eye Problems** 262
*Carreen Pakrasi, Sudipto Pakrasi*

**37. Emergency Contraception** 277
*Goma Bali Bajaj*

**38. Facial Swelling** 279
*Ashok K Taneja, Akshat Taneja*

**39. Fatigue** 284
*Au Kin Heng Constantine*

**40. Fever** 294
*Akanksha Rastogi, Amit Mittal*

**41. Fever in Infants and Children** 299
*Sandip Kumar*

**42. Fingers and Nail Problems** 307
*Aditya Agarwal, Vimlendu Brajesh, Sukhdeep Singh, Hardeep Singh, Sanjay Mahendru, Pooja Sharma, Madhusoodan Gupta, Saurabh Garg, Deepika Gupta, Rakesh K Khazanchi*

**43. Gait Abnormalities** 316
*Nikhil Tambe, Sandeep B Gore*

**44. Goiter** 323
*Dheeraj Kapoor, Ruchi Kapoor, Ranjana Bhatt*

**45. Gum Disorders** 330
*Avdi Tahiri, Lumturije Njazi Asllani-Hashani*

**46. Heat Illness** 334
*Omar Ghazanfar, Saleh Fares*

**47. Heel Pain** 342
*Vivekanshu Verma*

**48. Hematemesis** 345
*Sanjay Kumar*

**49. Hematuria** 348
*Asit Misra*

**50. Hemoptysis** 355
*Veerottam Tomar*

**51. Hemorrhoids** 365
*Ashok Puranik*

**52. Headache** 369
*Alireza Baratloo*

**53. Hiccups** 374
*Hatinderjeet Singh Sethi, Nimarpreet Kaur*

**54. Hyperventilation** 379
*Bhawana Sharma*

**55. Inflight Medical Problems** 382
*Rajeev Kapur*

**56. Immunization for Adults and Travelers** 386
*Sara Nooruddin Kazim, Nisreen Hamza Maghraby, Azza Omar Yousif*

**57. Immunization in Pregnancy and Children** 407
*Ashok Mishra*

**58. Insect Bite (Arthropods: Bites, Stings, and Other Contacts)** 423
*Au Kin Heng Constantine*

**59. Jaundice in Adult** 440
*Anukalp Prakash, Amit Mittal*

**60. Jaw Dislocation** 448
*Harshil Mehta*

**61. Joint Pain** 453
*Sourabh Malviya*

**62. Knee Problems** 464
*Attique Vasdev, Govind Sharma*

**63. Lower Extremity Pain, Edema, and Ulcers** 468
*Ayşegül Bayır*

**64. Low Back Pain** 481
*Devendra Richhariya*

**65. Lymphadenopathy** 485
*Ritin Mohindra, Praveen Aggarwal*

**66. Melena** 495
*Shashank Karale, Uday Sanglodkar*

**67. Muscle Cramps** 499
*Sayuri Enriquez Saenz*

**68. Muscle Wasting** 501
*Praveen Aggarwal, Ritin Mohindra*

**69. Multiple Trauma** 508
*Behcet Al, Mustafa Sabak*

**70. Oral Problems (Oral Candidiasis, Oral Herpes Simplex)** 520
*Aman Sharma*

**71. Palpitations** 530
*Aldo Tua, Roberta Petrino*

**72. Pedal Edema** 540
*Ajay Singh Thapa*

**73. Penile Problems** 545
*Puneet Ahluwalia, Saurabh Patil*

**74. Procedural Sedation and Analgesia** 556
*Ronak Mankodi*

**75. Rabies Prophylaxis** 565
*Pooja Kataria, Seema Sharma*

**76. Rashes in Newborn and Infants** 570
*Nadeem Uddin Qureshi, Irene Oriaifo, Mohammed Moizuddin Qureshi, Rekha Gadiparthi*

**77. Rib Fractures** 579
*Sandeep Jain*

**78. Scrotum (Acute)** 584
*Rakesh Khera, Prafull Mishra*

**79. Shoulder Dislocation** 593
*Praveen Saraogi*

**80. Skin Problems** 596
*Ramanjit Singh, Neha Dubey*

**81. Smoke Inhalation** 618
*Eric Revue*

**82. Sore Throat (Pharyngitis)** 625
*Akanksha Rastogi, Amit Mittal*

**83. Stridor** 631
*Yatin Mehta, Kamal Lashkari, Prashant Kumar*

**84. Tetanus Prophylaxis** **639**
*M Sai Surendar*

**85. Torticollis (Wryneck)** **641**
*Harshil Mehta*

**86. Tremor** **647**
*Devendra Richhariya*

**87. Vertigo (Dizziness)** **650**
*Kishalay Datta, Rigenjyoti Kalita*

**88. Voice Disorders** **657**
*Deepak Dalmia*

**89. Vomiting in Adults** **664**
*Ravindra Kale*

**90. Weight Gain (Obesity)** **669**
*Jasvinder Singh Anand*

**91. Weight Loss** **674**
*Sharad Bedi*

*Index* *681*