Contents

1. **Basic Physics of Ultrasound** 1
   AK Srivastava, Satish K Bhargava
2. **Chest** 15
   Sumeet Bhargava, Shuchi Bhatt, Satish K Bhargava
3. **Diaphragm** 19
   Nidhi Bhargava, Satish K Bhargava, Shuchi Bhatt
4. **The Gastrointestinal Tract** 21
   Satish K Bhargava, Raju Rastogi, Sumeet Bhargava
5. **Liver** 32
   Satish K Bhargava, Nidhi Bhargava, Sumeet Bhargava
6. **Gall Bladder and Biliary Tract** 43
   Shuchi Bhatt, Nidhi Bhargava, Satish K Bhargava, Raju Rastogi
7. **Spleen** 51
   Raju Rastogi, Sumeet Bhargava, Avnesh Kumar Singh, Satish K Bhargava
8. **Pancreas** 55
   Satish K Bhargava, Sumeet Bhargava, Shuchi Bhatt, Raju Rastogi
9. **Peritoneum and Mesentery** 60
   Gopesh Mehrotra, Sumeet Bhargava, Satish K Bhargava, Shuchi Bhatt
10. **Renal** 66
    Nidhi Bhargava, Satish K Bhargava, Shuchi Bhatt
11. **Adrenals** 76
    Nidhi Bhargava, Shuchi Bhatt, Sumeet Bhargava, Raju Rastogi, Satish K Bhargava
12. **Lower Urinary Tract** 79
    Sumeet Bhargava, Satish K Bhargava, Raju Rastogi
13. **Retroperitoneum** 87
    Satish K Bhargava, Sumeet Bhargava
14. **Anterior Abdominal Wall** 96
    Nidhi Bhargava, Satish K Bhargava, Shuchi Bhatt, Raju Rastogi
15. **Pediatric Abdomen** 100
    Satish K Bhargava, Nidhi Bhargava, Sumeet Bhargava, Shuchi Bhatt
16. **Neonatal Brain** 109
    Nidhi Bhargava, Satish K Bhargava, Raju Rastogi, Sumeet Bhargava

17. Spine **118**
Shuchi Bhatt, Sumeet Bhargava

18. a. Musculoskeletal System **122**
Shuchi Bhatt, Sumeet Bhargava, Satish K Bhargava

b. Shoulder
Shuchi Bhatt, Satish K Bhargava, Raju Rastogi

c. Elbow and Wrist
Sumeet Bhargava, Satish K Bhargava, Raju Rastogi

d. Hip
Sumeet Bhargava, Satish K Bhargava, Raju Rastogi

e. Knee and Ankle
Satish K Bhargava, Anupama Tandon, Meenakshi Prakash

19. Superficial Parts **149**

a. Eye and Orbit
Satish K Bhargava, Nidhi Bhargava, Shuchi Bhatt, Sumeet Bhargava

b. Salivary Gland
Satish K Bhargava, Raju Rastogi, Shuchi Bhatt

c. Thyroid and Parathyroid
Satish K Bhargava, Nidhi Bhargava, Shuchi Bhatt

d. Breast
Nidhi Bhargava, Satish K Bhargava

e. Scrotum and Testis
Sumeet Bhargava, Satish K Bhargava

20. Female Pelvis **169**
Nidhi Bhargava, Satish K Bhargava, Shuchi Bhatt

21. Obstetrics **181**
Sumeet Bhargava, Satish K Bhargava, Nidhi Bhargava, Shuchi Bhatt, Raju Rastogi

22. Doppler **202**
Satish K Bhargava, Nidhi Bhargava, Shuchi Bhatt

Index ***221***