

CONTENTS

List of Contributors ix

Preface xi

Accompanying Videos xiii

1. Practical Physical Concepts and Artifacts 1

Marc-André d'Anjou and Dominique Penninck

2. Point of Care Ultrasound: Abdomen, Pleural Space, Lung and Cardiovascular Applications 21

Søren Boysen

3. Eye and Orbit 65

Stefano Pizzirani and Dominique Penninck

4. Neck 109

Julien Fages and Dominique Penninck

5. Thorax 139

Silke Hecht, Gabriela Seiler, and Dominique Penninck

6. Heart 173

Jonathan Lichtenberger, Shari Raheb, and Hugues Gaillot

7. Hepatobiliary System 239

Marc-André d'Anjou, Dominique Penninck, and Heather Spain

8. Spleen 287

Mathieu Harel and Wilfried Mai

9. Gastrointestinal Tract 311

Dominique Penninck, Marc-André d'Anjou, and Heather Spain

10. Pancreas 371

Dominique Penninck, Marc-André d'Anjou, and Mylène Auger

- 11. Urinary Tract** 397
Dominique Penninck, Marc-André d'Anjou, James Sutherland-Smith, Emmanuelle Butty, and Marilyn Dunn
- 12. Adrenal Glands** 463
Marc-André d'Anjou, Dominique Penninck, and Pascaline Pey
- 13. Female Reproductive Tract** 481
Delphine Rault and Silke Hecht
- 14. Male Reproductive Tract** 511
Silke Hecht and Julie De Lasalle
- 15. Abdominal Cavity and Lymph Nodes** 547
Marc-André d'Anjou and Éric Norman Carmel
- 16. Abdominal Vessels** 583
Marc-André d'Anjou, Swan Specchi, and Chick Weisse
- 17. Musculoskeletal System and Peripheral Nerves** 611
Marc-André d'Anjou and Laurent Blond

Index 673