

Table of Contents

Preface

1. Body MRI at 3T: basic considerations about artifacts and safety

Kevin J. Chang and Ihab R. Kamel

2. Novel acquisition techniques that are facilitated by 3T Hiroumi D.

Kitajima, Puneet Sharma, Daniel R. Kayolyi and Diego R. Martin

3. Breast MR imaging Savannah C. Partridge, Habib Rahbar and Constance L. Lehman

4. Cardiac MR imaging Christopher J. Francois, Oliver Wieben and Scott E. Reeder

5. Abdominal and pelvic MR angiography Henrik J. Michaely

6. Liver MR imaging at 3T: challenges and opportunities Elizabeth M. Hecht and Bachir Taouli

7. MR imaging of the pancreas Sang Soo Shin, Chang Hee Lee,

Rafael O. P. de Campos and Richard C. Semelka

8. MR imaging of the adrenal glands Daniele Marin and Elmar M. Merkle

9. Magnetic resonance cholangiopancreatography Byung Ihn Choi and Jeong Min Lee

10. MR imaging of small and large bowel M. L. W. Zeich, M. P. van der Paardt, A. J. Nederveen and J. Stoker

11. MR imaging of the rectum: 3T vs 1.5T Monique Maas, Doenja M. J. Lambregts and Regina G. H. Beets-Tan

12. Kidneys and MR urography at 3T John R. Leyendecker

13. MR imaging and MR-guided biopsy of the prostate at 3T Katarzyna J. Macura and Jurgen J. Futterer

14. Female pelvic imaging at 3T Darcy J. Wolfman and Susan M. Ascher

Index.