

Table of contents

Real Whole-Body MRI Preface, Th. Vogl

Foreword, F. Scott Pereles, MD

Foreword and Acknowledgments

Introduction: Whole-body imaging--Diagnostic strategy of the future?

Technology 1. Technical requirements for whole-body MRI, *H.H. Quick and M.E. Ladd*

2. Postprocessing & viewing of large MRI whole-body data sets, *J. Graessner*

Clinical Applications 3. Whole-body MR angiography in patients with peripheral arterial occlusive disease, *C.U. Herborn*

4. Whole-body MR angiography using intravascular contrast agent Vasovist, *K. Nikolaou*

5. Whole-body MRI for diagnosis of musculoskeletal disease, *S. Lenk*

6. Whole-body MRI in comparison with bone scintigraphy and F-FDG-PET in the detection of bone metastases, *N. Ghanem*

7. VIBE whole-body MRI for metastasis screening, *T.C. Lauenstein*

8. Whole-body tumor staging: MRI or FDG-PET/CT? *P. Veit-Haibach, A. Bockisch, G. Antoch*

9. Whole-body tumor staging with specific contrast agents, *A. Huppertz*

10. Whole-body fat measurement, *F.M. Vogt*

11. Oncological screening with MRI: Opportunities, challenges, and limitations, *H.-P. Schlemmer*

12. Whole-body MRI for screening, *S.C. Ladd*

13. Virtual autopsy in forensic science using MRI--initial experiences, *M. Thali*

Keyword Index