

Preface

This book is inspired by the previous work entitled ‘Magnetic Resonance in Dementia’ published in 2002 with our dear colleague and friend, Jaap Valk. We were encouraged by many positive reactions from colleagues in different disciplines including radiology, neurology, psychiatry and geriatrics. Since then, so many developments have taken place that a completely new title was needed. First of all, there are new diseases, or new insights into existing disorders presenting with dementia. Secondly, a vast amount of new imaging studies on dementia disorders have become available. Thirdly, image processing techniques have made their entrance into clinical practice and have now been fully integrated. To reflect the incorporation of these developments and the more extensive coverage of other imaging modalities such as PET, we have chosen a new title, ‘Neuroimaging in Dementia’.

Preparing a completely new book with a new team of authors also provides an opportunity to reorganise the material presented in our previous title. “Neuroimaging in Dementia” provides a consistent focus on MRI appearance as the guiding principle. In this vein, the classification of dementia has also been revised to follow the MRI appearance as strictly as possible. To enhance legibility and to be as clinically useful as possible, many tables and boxes are included. Last, but not least, a considerable number of new MRI and PET images has been introduced to the backbone of this book to create a true imaging atlas of dementia alongside the text.

We trust you will find this title informative and hope that it will find a place in your daily practice of managing patients with dementia.

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Neuroimaging in Dementia

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2011, XIX, 278 p., Hardcover

ISBN: 978-3-642-00817-7