

# Preface

This book was written for everyone who would like to know how our brain really looks like, in real MRI and CT scans rather than schematic representations of our brain. The brain is the part of our body which is most often subjected to medical imaging. Many people now have experience of lying in an MRI or CT scanner. Nearly everyone knows someone—be it a friend or a relative—who has undergone an MRI or CT procedure. In addition to the brain, this book will also discuss the body parts adjacent to the brain, such as the skull, the paranasal sinuses and the vertebral column. This book will both describe and visualise the main abnormalities which can be identified in MRI or CT images. Generally, these will be ageing-related abnormalities and common syndromes such as cerebral infarctions, skull fractures and spinal hernias. In addition to clear descriptions, each subject will be illustrated with an MRI or CT image. Each MRI or CT image will come with a clear description next to it.

Although many things can go wrong with our brain, this book will also show you how strong our brain is. Our brain is capable of overcoming adversity, and often emerge all the stronger because of it.

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