

## Table of Contents

Contributors vii

Preface ix

An introduction to clinical functional magnetic resonance imaging of the brain 1

Preoperative assessment: motor function 39

Preoperative assessment: language 71

Ageing: age-related changes in episodic and working memory 115

Dementia: mild cognitive impairment and Alzheimer's disease 149

Dementia: visualizing the metabolic changes of early Alzheimer's disease 173

Schizophrenia 185

Depression and anxiety disorders 209

Stroke 265

Parkinson's disease 285

Multiple sclerosis 311

fMRI and pharmacology: what role in clinical practice? 343

Index 381