



Table of Contents

Foreword	VII
Editorial Introduction	IX
List of Contributors	XII
Members of the PORTARE Group	XV
List of Sponsors	XV
Part A Assessment Methods and Techniques	
A 1 Introduction, Methods and Techniques	1
A 1.1 Overview of Driving Assessment	
A 1.2 Legal, Social and Safety Considerations	
A 1.3 Driving Fitness, Ability, Skill and Behaviour	
A 1.4 Driving Assessment – More than Testing	
A 2 Driving Skills	24
A 2.1 Seating and Positioning	
A 2.2 Observation	
A 2.3 Steering	
A 2.4 Acceleration	
A 2.5 Braking	
A 2.6 Clutch and Gearbox	
A 2.7 Switches	
A 3 Pre-Drive Assessment	57
A 3.1 Body, Brain and Mind - Introduction	
A 3.2 Introduction to Pre-Drive Assessment Techniques	
A 3.3 Locomotor System Examination	
A 3.4 Assessment of Vision and Nervous System	
A 3.5 Neuropsychological Functions and Tests	
A 3.6 Psychological Function	
A 4 In-Car Assessment	122
A 4.1 Method(s) of In-car Assessment	
A 4.2 Recording the Driver's Performance	
A 4.3 The Codes on the Driving Licence	
A 4.4 Assessor Attributes and Interpersonal Skills	
A 4.5 Breaking Bad News	
A.5 Practical solutions	180
A 5.1 Introduction to Practical Solutions	
A 5.2 Ergonomics and Adaptations	
A.5.3 Adaptations Related to the Driving Task	
A 5.4 Vehicle Access	
Part B Diseases, Impairments and Driving	
The chapter numbering is in line with Annex III of the Driving Licence Directive (91/439/EC, 2006/126/EC)	
B.1 Sight	250
B 1 Visual Impairments	
B.2 Hearing	263
B 2 Dizziness and Deafness	



B.3	Locomotor Disability	266
B 3.1	Musculoskeletal (Locomotor) Disorders	
B.3.2	Mechanical Disorders of the Locomotor System	
B 3.3	Inflammatory Joint Disorders	
B 3.4	Lower Limb Amputees	
B 3.5	Upper Limb Absence or Amputation	
B 3.6	Muscular Disorders	
B 3.7	Congenital Skeletal Disorders	
B.4	Cardiovascular diseases	298
B 4.1	Heart Diseases	
B 4.2	Other Vascular Disorders (excluding Stroke)	
B.5	Diabetes Mellitus	304
B 5	Diabetes, Endocrine Disorders and Obesity	
B.6	Neurological Diseases	307
B 6.1	Introduction to Neurological Disorders	
B 6.2	Stroke	
B 6.3	Traumatic Brain Injury	
B 6.4	Spinal Paralysis	
B 6.5	Multiple Sclerosis	
B 6.6	Parkinson's Disease and Related Conditions	
B 6.7	Peripheral Nerve Disorders	
B 6.8	Ataxia and Other Movement Disorders	
B 6.9	Polio, Motor Neurone Disease and Guillain - Barre' Syndrome	
B 6.10	Epilepsy	
B 6.11	Neurosurgical Procedures	
B 6.12	Cerebral Palsy	
B 6.13	Other Neurological Problems	
B.7	Mental Disorders	381
B 7.1	Cognitive Impairment and Dementia	
B 7.2	Personality Traits and Disorders	
B 7.3	Psychoses	
B 7.4	Learning Disabilities	
B.8	Alcohol	398
B 8	Alcohol	
B.9	Drugs and Medicinal Products	408
B 9	Illicit Drugs	
B.10	Renal Disorders	419
B 10	Renal Disorders	
B.11	Others	420
B 11.1	Respiratory Disorders and Sleep Apnoea	
B 11.2	Older Drivers	
B 11.3	Other Disorders	
	Glossary of Definitions and Medical Terms	428