

CONTENTS

<i>Contributors</i>	xvii
<i>Foreword</i>	xxi
<i>Introduction</i>	xxiv
<i>List of Abbreviations</i>	xxvi
Section 1 Legal and ethical aspects of care for older people with substance misuse	1
1 Negotiating capacity and consent in substance misuse	3
<i>Kritika Samsi</i>	
Introduction	3
Substance abuse and capacity	3
Mental capacity legislation	4
Mental Capacity Act 2005	4
Capacity assessment	5
Capacity and unwise decisions	6
Consent, barriers to decision making and substituted decision making	6
Best interest decisions	8
Independent decision makers	8
Conclusion	9
References	9
2 Elder abuse	11
<i>Jill Manthorpe</i>	
Introduction	11
Defining elder abuse	11
Main reviews	12
Alcohol and substance misuse risk factors	12
Risk factors among older people	13
The effects of elder abuse	14
Discussion	15
Conclusions and next steps	15
References	16

3	The United States perspective	18
	<i>Cynthia M.A. Geppert and Peter J. Taylor</i>	
	The ageing of the baby boomers and its impact on substance abuse	18
	Ethical and legal aspects of substance misuse in older adults	19
	Confidentiality	19
	Informed consent	20
	Capacity	21
	Coercion	24
	Conclusion	25
	References	25
4	The European perspective	27
	<i>Abdi Sanati and Mohammed Abou-Saleh</i>	
	Introduction	27
	Use and possession	28
	Crime	28
	European Convention of Human Rights	28
	Delivering services for the elderly with substance misuse – ethical aspects	29
	Research and development	30
	Policy making	31
	Some differences between Europe and the USA	31
	Ethical issues regarding treatment	32
	Stigma	32
	Underprescribing controlled drugs	32
	Summary	33
	References	34
5	Clinical medicine and substance misuse: research, assessments and treatment	35
	<i>Amit Arora, Andrew O’Neill, Peter Crome and Finbarr C. Martin</i>	
	Introduction	35
	Why is clinical medicine important?	36
	Identification	37
	The health effects of substance abuse	39
	Challenges for the future	46
	Research	47
	Identification tools	47
	Training and support	48
	Conclusions	49
	References	49

Section 2	Epidemiology and demography	57
6	Cigarette smoking among adults aged 45 and older in the United States, 2002–2011	59
	<i>Shanta R. Dube and Li-Tzy Wu</i>	
	Introduction	59
	Evaluation methodology	61
	Results	62
	Sociodemographic characteristics of older adults: 2002 versus 2011	62
	National trend in current smoking prevalence: 2002–2011	65
	Current smoking prevalence by socioeconomic status: 2002 versus 2011	66
	Adjusted odds ratios of correlates of current smoking: 2002 versus 2011	66
	Discussion	71
	Conclusion	72
	References	73
7	Epidemiology and demography of alcohol and the older person	75
	<i>Stephan Arndt and Susan K. Schultz</i>	
	Introduction	75
	Main reviews	76
	Epidemiological estimates of prevalence of alcohol use	76
	Estimates of alcohol problems based on amount of drinking	76
	Importance of threshold selection for defining problem use	80
	Estimating problem use from survey samples	80
	Summary of epidemiological estimates	81
	Specific problematic drinking behaviours: binge drinking	81
	Diagnoses of abuse or dependence	83
	Older substance abuse treatment populations	84
	Special populations of older substance users	85
	Demographic correlates of problem use	86
	Discussion	87
	Conclusions and next steps	87
	References	88
8	Epidemiology and demography of illicit drug use and drug use disorders among adults aged 50 and older	91
	<i>Shawna L. Carroll Chapman and Li-Tzy Wu</i>	
	Introduction	91
	Survey studies	92
	Studies of treatment-seeking or clinical patients	101
	Health implications	104
	Discussion	105
	Next steps	106
	References	106

9	Epidemiology and demography of nonmedical prescription drug use	109
	<i>Jane Carlisle Maxwell</i>	
	Introduction	109
	Findings	110
	National surveys	110
	Emergency department cases	112
	Treatment admissions	113
	Drug poisoning deaths	114
	Discussion	116
	Conclusions	118
	Acknowledgement	118
	References	118
	Section 3 Longitudinal studies of ageing and substance abuse	121
10	Ageing and the development of alcohol use and misuse	123
	<i>Marja Aartsen</i>	
	Background	123
	Results	124
	Differences in alcohol use across cohorts	125
	Developments in alcohol use within people	126
	Gender differences	126
	Different trajectories	126
	Age and onset of problem drinking	127
	Discussion	127
	Explanations for age differences in alcohol use	127
	Conclusions	128
	References	129
11	Progression from substance use to the development of substance use disorders	133
	<i>Carla L. Storr and Kerry M. Green</i>	
	Introduction	133
	Substance use progression process	134
	Risk factors influencing substance use progression	137
	Individual factors	137
	Substance properties	139
	Environmental influences	140
	Future direction	141
	Conclusions	143
	Acknowledgement	144
	References	144

12 Psychopharmacology and the consequences of alcohol and drug interactions	149
<i>Vijay A. Ramchandani, Patricia W. Slattum, Ashwin A. Patkar, Li-Tzy Wu, Jonathan C. Lee, Maitreyee Mohanty, Marion Coe and Ting-Kai Li</i>	
The extent of alcohol and drug misuse among older adults	149
Substance misuse in the general population	149
Substance misuse or addiction in clinical settings	150
Co-morbidities among older substance misusers	151
Psychopharmacology of alcohol and drug misuse in older people	152
Neurocircuitry of abused substances	152
Alcohol–drug interactions in older adults	155
Mechanisms of alcohol–medication interactions	156
Significance of the problem	156
Concurrent use of alcohol and potentially interacting medications	157
Consequences of concurrent use of alcohol and medications	158
Clinical presentation and evaluation of substance use disorders in the elderly	158
Clinical presentations (case vignettes)	159
Medical co-morbidities	161
Screening for substance use disorders	161
Evaluation of substance use disorders	162
Cognitive impairment in the elderly with substance use disorders	163
Safety assessment of the elderly with substance use disorders	164
Medications for individuals with substance use disorders	164
Conclusions	166
References	166
Section 4 Comprehensive geriatric assessment and special needs of older people	171
13 Comprehensive geriatric assessment and the special needs of older people	173
<i>Dan Wilson, Stephen Jackson, Ilana B. Crome, Rahul (Tony) Rao and Peter Crome</i>	
Background	173
Assessment	175
Setting	176
Barriers to assessment	176
High-risk groups	177
Presenting problems	177
Collateral information	178
General principles of assessment	179

Screening	182
Psychiatric assessment	183
Case presentations	184
Driving and substance misuse	184
Older women and alcohol misuse	184
Polysubstance misuse	185
The frequent attender	185
Alcohol and cognitive impairment	186
Pain and substance misuse	187
Discussion	187
Conclusion	187
References	188
Section 5 Screening and intervention in health care settings	193
14 Screening and brief intervention in the psychiatric setting	195
<i>M. Shafi Siddiqui and Michael Fleming</i>	
Overview	195
Screening and assessment for alcohol use disorders	197
Single question screen for an alcohol use disorder	197
Quantity and frequency questions	198
Proxy questions such as CAGE	198
Symptoms of abuse or dependence	199
Alcohol biomarkers	199
Illicit drugs	202
Rationale for screening older adults for marijuana, cocaine and other illicit drugs	202
Screening for illegal drugs in the psychiatric setting	202
Recommended screening questions to detect drug use	202
Screening for drug abuse/dependence	203
Screening for illicit drug use with toxicology screening	203
Prescription drug abuse	204
Rationale for screening older adults	204
Screening for prescription drug abuse	205
Brief intervention for alcohol, prescription drug abuse and illegal drug use	206
Summary	208
References	209
15 Tobacco use cessation	212
<i>Daniel J. Pilowsky and Li-Tzy Wu</i>	
Introduction	212
Smoking cessation interventions among older adults	214
Multimodal interventions	214
Medication-based interventions	216

Counselling and behavioural interventions	217
Physician-delivered interventions	217
Other interventions	218
Conclusions	218
References	219
Section 6 Use of substance abuse treatment services among older adults	223
16 Epidemiology of use of treatment services for substance use problems	225
<i>Shawna L. Carroll Chapman and Li-Tzy Wu</i>	
Introduction	225
Tobacco cessation service use and characteristics	225
Alcohol treatment use and characteristics	230
Trend in substance abuse treatment admissions	238
Drug abuse treatment use and outcomes	243
Substance abuse treatment in general health care settings	245
Discussion and conclusion	246
References	247
17 Implications for primary care	249
<i>Devoshree Chatterjee and Steve Iliffe</i>	
Background	249
Implications for primary care	249
Different populations at risk	250
Screening in primary care	251
Scale of benefit	252
Co-morbidities and social context	252
Conclusions	253
References	253
18 Addiction liaison services	255
<i>Roger Bloor and Derrett Watts</i>	
Introduction	255
Organizing an addiction liaison service to a general hospital	256
Case vignette 1	256
Addiction liaison services for older adults	257
Essential elements of liaison service provision for older adults	258
Screening for alcohol problems in older adults	259
Screening for drug use problems	260
Case vignette 2	260
Summary	261
References	262

19 Current healthcare models and clinical practices	265
<i>Rahul (Tony) Rao, Ilana B. Crome, Peter Crome and Finbarr C. Martin</i>	
Introduction	265
An ageing population	265
Service development and provision	266
Integrated care and workforce development	267
Conclusions and recommendations	269
References	269
Section 7 Age-specific treatment interventions and outcomes	271
20 Pharmacological and integrated treatments in older adults with substance use disorders	273
<i>Paolo Mannelli, Li-Tzy Wu and Kathleen T. Brady</i>	
Introduction	273
Tobacco	274
Alcohol	275
Opioids	277
Benzodiazepines	278
Other substances of abuse	280
Stimulants	280
Cannabis	281
Integrated treatments	281
Conclusion and future directions	284
References	285
21 The assessment and prevention of potentially inappropriate prescribing	295
<i>Denis O'Mahony</i>	
Introduction	295
Inappropriate psychotropic use in elderly patients	296
Implicit IP criteria	297
Explicit IP criteria	298
Applying STOPP/START criteria as an intervention	299
Other methods of detection and prevention of IP in older people	307
Comprehensive Geriatric Assessment (CGA)	307
Pharmacist review and intervention	308
Prescriber education, audit and feedback	308
Computerized provider order entry with clinical decision support	309
Conclusions	309
References	310

22 Age-sensitive psychosocial treatment for older adults with substance abuse	314
<i>Kathleen Schutte, Sonne Lemke, Rudolf H. Moos and Penny L. Brennan</i>	
Introduction	314
Seven characteristics of age-sensitive treatment	316
1 – Supportive and nonconfrontational	316
2 – Flexible	316
3 – Sensitive to gender differences	317
4 – Sensitive to cultural differences	317
5 – Focus on client functioning	318
6 – Holistic	319
7 – Focus on coping and social skills	319
Six components of age-sensitive psychosocial treatment	320
1 – Biopsychosocial assessment	320
2 – Treatment planning	321
3 – Attention to co-occurring conditions	322
4 – Referrals and care coordination	325
5 – Empirically-supported psychosocial interventions	325
6 – Adjuncts to psychosocial interventions	328
Age-segregated or mixed-age treatment	329
Future directions	330
Acknowledgements	331
References	332
23 Integrated treatment models for co-morbid disorders	340
<i>Rahul (Tony) Rao</i>	
Introduction	340
Methodological approach to examining SMCD in older people	341
A. Current systems of care for substance misuse and mental disorders	341
B. Service implications	342
C. Principles underlying integrated treatment models for SMCD in older people	342
D. Developing integrated treatment models for older people with substance misuse and co-morbid psychiatric disorders	344
E. Research evidence for integrated treatment models	346
Future direction and challenges	347
References	347
Section 8 Policy: proposals for development	351
24 Proposals for policy development: drugs	353
<i>Susanne MacGregor</i>	
Introduction	353
Recognition of a need or problem and arguments made to justify the development of policy	354

Policy options	356
Policy design and implementation	359
Conclusion	360
References	360
25 Proposals for alcohol-related policy development	
United States	364
<i>Ralph Hingson and Ting-Kai Li</i>	
Recommended low-risk alcohol consumption levels	364
Traffic crash risks among the elderly	365
Driving policy questions	365
Factors to consider when contemplating legal policies	365
Summary and conclusions	369
References	370
26 Proposals for policy development: tobacco	372
<i>Michael Givel</i>	
Introduction	372
Past and present approaches to reduce tobacco consumption	372
Phase three anti-tobacco efforts	373
Legal approach	373
Regulatory and tobacco tax approaches	374
Anti-tobacco counter-marketing campaigns	376
Recent anti-tobacco proposals	376
Product modification and ‘safer’ cigarettes	376
Harm reduction	377
Cigarette neo-prohibitionism	377
Smoke-free movies	377
Policy proposals to further reduce tobacco prevalence	378
References	378
27 Recommendations	383
<i>Ilana B. Crome, Peter Crome, Rahul (Tony) Rao and Li-Tzy Wu</i>	
Background	383
Epidemiology	384
Clinical presentations	384
Education and training	385
Who gets treatment – treatment interventions	386
Concluding remarks	386
<i>Index</i>	388