

CONTENTS

<i>Foreword</i>	v
<i>Acknowledgments</i>	ix
<i>Preface</i>	xi
Chapter 1 The Birth and Propagation of the OSCE	1
The Birth	2
OSCE as a Global Phenomenon	6
Summary	7
References	8
Chapter 2 The OSCE in the Context of a Holistic Assessment	9
How Does the OSCE Fit into Overall Assessment?	10
Basic Configuration of an OSCE	12
Why is an OSCE Preferable Over Traditional Clinical Examinations?	15
OSCE, Short Cases, and the Mini-CEX	18
OSCE Pretenders or Imitation OSCEs	19
Summary	21
References	21

Chapter 3 Value of the OSCE as an Assessment Tool	23
Validity	24
Reliability	27
Educational Impact	30
Acceptability	33
Cost	34
Summary	34
References	35
Chapter 4 Selecting the Skills to be Tested in an OSCE through Blueprinting	37
Basic Concepts of Blueprinting	38
Master Blueprint	40
OSCE Blueprint	44
Further Specifications	51
Summary	54
References	54
Chapter 5 Utilizing Different Formats of OSCE for Greater Efficiency	55
Formative and Summative OSCEs	55
Active and Static Stations	56
Couplet or Linked Stations	58
Long-Station OSCEs	59
Objective Structured Practical Examination	60
Summary	62
References	63
Chapter 6 Writing OSCE Stations	65
Forming the Team to Write the OSCE Station	65
Developing Instructions to the Candidate	66
Developing Instructions to the Simulated and Standardized Patients	68
Developing Instructions to the Examiners	71
Preparing Equipment and Materials	73
Summary	76
References	76

Chapter 7	Creating a Scoring Template for Assigning Marks	77
	Purpose of a Scoring Template	78
	Different Formats of Itemized Checklists	78
	Qualitative Comments	84
	Generic Marking Template	85
	Global Rating	87
	Summary	90
	References	91
Chapter 8	Preparing Patients for the OSCE	93
	Balance between Standardization and Authenticity	95
	Degree of Realism as Portrayed by the Patients	96
	Nature of Tasks to be Tested	98
	Purpose of the OSCE	99
	Logistics and Practical Considerations	100
	Preparing Real Patients for the OSCE	100
	Recruiting and Training Simulated Patients for the OSCE	104
	Summary	106
	References	106
Chapter 9	Preparing Simulators for the OSCE	109
	Simulators and Simulation in Medical Education	110
	Range of Simulators and Simulation	112
	Skills that can be Tested in the OSCE with Simulators	113
	Summary	118
	References	119
Chapter 10	Preparing the Groundwork for Conducting an OSCE	121
	Faculty Training	121
	Selecting Examiners for an OSCE	123
	Examiners' Briefing	125
	Students' Briefing	127

Pilot Run	127
Checklist for the Day of the OSCE	129
OSCE Administration	130
Security	130
Summary	131
References	131
Chapter 11 Determining Passes and Fails in an OSCE	133
Basic Concepts and Principles of Standard Setting	133
Classical Borderline Group Method of Standard Setting	137
Borderline Regression Method	140
Summary	142
References	142
Chapter 12 Post-Assessment Quality Assurance	143
Quantitative Data (Item Analysis)	144
Qualitative Data (Feedback)	154
Utilization of Data	156
Summary	156
References	157
Chapter 13 Feedback, Moderation, and Banking	159
Feedback to the Curriculum Committee	159
Feedback to the Candidate	160
Moderation of Marks	161
Banking of OSCE Stations	162
Summary	164
References	164
Chapter 14 Helping Poorly Performing Students in an OSCE	165
Importance of Remediation	165
Reasons for Poor Performance in an OSCE	166
Customization of Remediation Strategies	169

Challenges in Remediation	174
Summary	174
References	175
Chapter 15 OSCE as a Tool for the Selection of Applicants	177
The Flexibility of the OSCE Format	177
How to Develop a Selection OSCE	179
Evaluating the Utility of the Selection OSCE	182
Strengths and Limitations of the Selection OSCE	183
Summary	183
References	184
Appendix 15.1 An Example of a Selection OSCE Station	185
Instructions to the Candidate	185
Instructions to the Simulated Friend	185
Instructions to the Examiner	186
List of Equipment	188
Chapter 16 Frequently Asked Questions about the OSCE	189
What is the Optimum Number of Stations in an OSCE?	189
What Should be the Length of Each Station?	189
Should there be Two Examiners per Station or One Examiner per Station?	190
Can We have an OSCE with Variable Durations of Stations?	190
Do We Need to have a Rest Station in an OSCE?	191
Do We Need Expert Examiners for an OSCE?	191
Can We Include Non-Physicians as OSCE Examiners?	191
Should the Patient Mark the OSCE Station?	192
Should the Examiners Provide Feedback to the Candidate during the OSCE?	192

Should the Examiners Ask Questions of the Candidate during the OSCE?	192
Can We have Real Patients in an OSCE?	193
Can We Use Clinical Photographs in an OSCE?	193
Should there be Any “Killer” Stations in an OSCE?	193
Can We have Two OSCE Stations that are Linked Together?	194
Which One of the Two Marking Methods, Checklist or Rating, is Superior?	194
How Many Items Should a Checklist Contain?	195
How Can We Determine the Pass/Fail Mark of the OSCE?	195
How Do We Maintain Examination Security when there are Multiple Sessions?	195
How Should We Select a Venue for the OSCE?	196
How Can We Run an OSCE Over Two Days?	196
Can We Videotape OSCE Stations?	197
How Much Time do We Need to Prepare for an OSCE?	197
<i>Index</i>	199
<i>Authors’ Biographies</i>	203