

Table of Contents

INTRODUCTION.....	7
Acknowledgements	9
1 ANATOMY & PHYSIOLOGY.....	10
Anatomy of the Larynx.....	10
Anatomy of the Lungs.....	18
Physiology of Breathing.....	23
Some Key Points	53
URL for Chapter 1 video.... http://bit.ly/12cAQki	
2 ASSESSMENT	55
Evaluating Your Patient.....	55
Early Management.....	63
What Are The Criteria For Intubation?	65
URL for Chapter 2 video.... http://bit.ly/11b8zLU	
3 ESTABLISHING AN AIRWAY	68
Opening the Airway.....	68
Use of the Nasal Airway.....	72
Use of the Oral Airway	74
Ventilating with a Bag and a Mask.....	78
URL for Chapter 3 video.... http://bit.ly/12cVIYL	
4 DIRECT LARYNGOSCOPY EQUIPMENT.....	88
Checking Your Laryngoscope	88
Checking Your Endotracheal Tube.....	91
Placing Your Stylet.....	92
Suction is Not Optional Equipment.....	94
Always Have Equipment To Ventilate.....	94
When You Don't Have Optimal Equipment	94
URL for Chapter 4 video.... http://bit.ly/WDXPOg	
5 ORAL INTUBATION OF THE ADULT PATIENT	95
The Dummy vs. the Real Thing	95
Intubating the Adult.....	96
Straight vs. Curved Blades.....	107
The Use of Cricoid Pressure to Improve the View	111
Pulling the Cheek Can Help.....	114
Securing the Tube	115
URL for Chapter 5 video.... http://bit.ly/XMjlu8	
6 COMMON ERRORS & HOW TO AVOID THEM.....	118
Describing The View You See	118
Errors.....	119
URL for Chapter 6 video.... http://bit.ly/W30hzE	
7 VERIFYING PLACEMENT	128
Seven Steps for Correct Tube Placement.....	128
URL for Chapter 7 video.... http://bit.ly/14AtjLQ	

8	VENTILATING AND INTUBATING THE CHILD	134
	Anatomy: Children Are Not Small Adults	134
	Pediatric Physiology	138
	Opening the Airway	140
	Ventilating With Bag-Valve-Mask	145
	Pediatric Intubation	147
	Pediatric Airway Emergencies	154
	URL for Chapter 8 video.... http://bit.ly/WB5mAG	
9	PREINTUBATION EVALUATION.....	158
	Medical and Surgical History	158
	Physical Signs	159
	Quickly Evaluating The Emergency Patient	166
10	TRICKS OF THE TRADE.....	168
	Cardiac Arrest	168
	Obesity	171
	Receding Chin.....	173
	Overbites.....	173
	Poor Neck Mobility	174
	Fixed Airway Obstruction.....	175
	Blood in the Oropharynx	176
	Pregnancy	176
	The Use of Cricoid Pressure	177
	Pulling on the Cheek Helps.....	178
	Use a Bougie	179
	A Difficult Intubation Algorithm	181
	URL for Chapter 10 video.... http://bit.ly/WDE2RZ	
11	NASAL INTUBATION	184
	Indications	184
	Contraindications.....	184
	Anatomy.....	185
	Blind Nasal Intubation, Spontaneous Ventilation	186
	Managing Difficult Passage	191
	Adjunctive Techniques to Nasal Intubation.....	195
	Use of a Nasal Airway to Assist Ventilation	199
	Complications	199
	URL for Chapter 11 video.... http://bit.ly/Vy6vLe	
12	SPECIALIZED VENTILATION TECHNIQUES	201
	Needle Cricothyroidotomy and Jet Ventilation	211
	Surgical Cricothyroidotomy.....	212
	Esophageal Obturator Airway	213
	Emergency Airway Cart	215
	URL for Chapter 12 video.... http://bit.ly/11kZOhk	
13	AIRWAY MANAGEMENT OF TRAUMA.....	216
	Airway and Respiratory Assessment.....	217
	Airway Management.....	220
	Problems in the Field	227
	Caregiver Safety	234
	Stress and the Caregiver.....	235

14	RAPID SEQUENCE INDUCTION.....	236
	Cautions.....	236
	Preparing Equipment and Personnel.....	237
	Preparing the Patient.....	237
	Cricoid Pressure for RSI	238
	Sedative Agents.....	238
	Paralysis: Muscle Relaxants.....	242
	Reversal of Muscle Relaxation	245
15	AWAKE INTUBATION.....	247
	Awake or Not Awake? — That is the Question.....	247
	Contraindications to Awake Intubation?	248
	Awake Patient Preparation	248
	Factors Influencing Drug Effect.....	257
	URL for Chapter 15 video.... http://bit.ly/XoVRCu	
16	EXTUBATION & EXCHANGING ENDOTRACHEAL TUBES.....	261
	Extubation	261
	Exchanging an Endotracheal Tube.....	265
	URL for Chapter 16 video.... http://bit.ly/WB65BS	
17	SPECIALIZED INTUBATING TECHNIQUES.....	268
	Safeguarding Patient Safety	268
	Light Wands.....	268
	Video Assisted Intubation	270
	Use of Laryngeal Mask Airway Devices to Intubate	275
	Safety First	281
	URL for Chapter 17 video.... http://bit.ly/WV0lhZ	
18	FIBEROPTIC INTUBATION	283
	Preparing The Fiberoptic Bronchoscope.....	283
	Patient Preparation.....	285
	Insertion Technique	285
	URL for Chapter 18 video.... http://bit.ly/14tRnPt	
19	COMPLICATIONS	294
	Complications Occurring During the Intubation	294
	Complications Occurring While Intubated	296
	Complications Following Extubation	299
	Creating a Safe Culture of Care.....	301
20	BOREDOM, INTERRUPTED	302
	Case 1. The Baby with Severe Bronchospasm.....	302
	Case 2. The Girl with Epiglottitis.....	303
	Case 3. Out of Sight Déjà Vu: Endotracheal Tube Obstruction	304
	Case 4. Can't Intubate, Can't Ventilate, What Can You Do?	305
	Case 5. Ventilate, Intubate and Communicate.....	306
	Case 6. The Popping Polyp	307
	Case 7. Anaphylaxis Analysis.....	309
	Case 8. Accidental Extubation in Ludwig's Angina	310
	Case 9. A Flood of Blood in the Airway.....	311
	Case 10. Tomorrow's Diseases Today: Post-Obstructive Pulmonary Edema.....	311
	URL for Chapter 20 video.... http://bit.ly/UGZRQd	
	ON-LINE VIDEO URL LIST.....	313
	NOTES.....	315
	ABOUT THE AUTHOR.....	329
	ALSO FROM MOONCAT PUBLICATIONS.....	330