

CONTENTS

Foreword	ix
About the Editors.....	xi
Preface.....	xiii
Acknowledgements	xv
Contributors.....	xvii
1 ANATOMY AND PHYSIOLOGY OF THE RESPIRATORY AND CARDIAC SYSTEMS	1
MANDY JONES ■ ALEX HARVEY ■ ELEANOR MAIN	
2 CLINICAL ASSESSMENT	47
Adults.....	48
AMANDA THOMAS ■ LYNDAL J MAXWELL	
Infant and Child	74
ELEANOR MAIN	
The Acutely Ill or Deteriorating Patient	77
SARAH KEILTY	
3 THORACIC IMAGING.....	83
Adults.....	84
CONOR D COLLINS ■ SUSAN J COPLEY	
Paediatrics.....	108
JOY L BARBER ■ CHRISTOPHER D GEORGE	
4 CARDIAC AND CARDIOVASCULAR DISEASES	125
ANDREW D HIRSCHHORN ■ SEAN F MUNGOVAN ■ DAVID A B RICHARDS	
5 RESPIRATORY DISEASES	163
ANNE E HOLLAND ■ JENNIFER A ALISON	
WITH A CONTRIBUTION FROM ALEX HARVEY AND MANDY JONES	

6 OUTCOME MEASUREMENT IN CARDIORESPIRATORY PHYSIOTHERAPY PRACTICE	195
SELINA M PARRY ■ LINDA DENEHY	
WITH CONTRIBUTIONS FROM CLAIRE E BALDWIN, BRONWEN CONNOLLY, ELIZABETH H SKINNER, SALLY J SINGH, SARAH RAND, CRAIG A WILLIAMS	
7 PHYSIOTHERAPY INTERVENTIONS	248
ELEANOR MAIN	
WITH CONTRIBUTIONS FROM SUE BERNEY, LINDA DENEHY, MICHELLE CHATWIN, MARK R ELKINS, DANIEL FLUNT, AMANDA J PIPER, ANNEMARIE L LEE, BREDGE MCCARREN, HARRIET SHANNON, SARAH RAND, ROSEMARY MOORE, BARBARA A WEBBER, MARIE T WILLIAMS	
8 OPTIMIZING ENGAGEMENT AND ADHERENCE WITH THERAPEUTIC INTERVENTIONS.....	402
MANDY BRYON	
9 ADULT INTENSIVE CARE.....	415
JENNIFER PARATZ ■ GEORGE NTOUMENOPOULOS ■ ALICE Y M JONES ■ CLAIRE FITZGERALD	
10 PAEDIATRIC INTENSIVE CARE	455
Paediatric Mechanical Support.....	456
STEWART REID ■ MARK J PETERS	
Physiotherapy Management of Ventilated Infants and Children	473
ELEANOR MAIN ■ ALICIA J SPITTLE	
11 UPPER ABDOMINAL AND CARDIOTHORACIC SURGERY FOR ADULTS.....	513
DOA EL-ANSARY ■ JULIE C REEVE ■ LINDA DENEHY	
WITH CONTRIBUTIONS FROM SULAKSHANA BALACHANDRAN, MICHELLE MULLIGAN	

12 PHYSICAL ACTIVITY AND REHABILITATION579

Physical Activity and Physical Fitness
in Health and Disease 580

CHRIS BURTIN ■ VASILEIOS ANDRIANOPOULOS ■
MARTIJN A SPRUIT

Pulmonary Rehabilitation 586

KATY MITCHELL ■ FABIO PITTA ■ ANNE E
HOLLAND ■ ANNEMARIE L LEE ■ LINDA DENEHY

Cardiac Rehabilitation 597

JULIE REDFERN ■ JENNIFER JONES

13 CARDIORESPIRATORY MANAGEMENT OF SPECIAL POPULATIONS639

LINDA DENEHY ■ ELEANOR MAIN

WITH CONTRIBUTIONS FROM SARAH SMAILES, ANITA PLAZA,
JENNIFER PARATZ, LEANNE WILLIAMS, CLAIRE BRADLEY,
JACQUELINE L LUKE, JACQUELINE ROSS, BROOKE WADSWORTH,
KATE J HAYES, PRUE E MUNRO, PAUL AURORA, HELENA VAN
ASWEGEN, CRAIG A WILLIAMS, SARAH RAND, CATHERINE L
GRANGER, SUE BERNEY, AMY NORDON-CRAFT, LINDA DENEHY

APPENDIX – NORMAL VALUES, CONVERSION TABLE AND ABBREVIATIONS.....757

Index 767

EVOLVE RESOURCES

(evolve.elsevier.com/Main/cardiorespiratory):

■ bank of 350 images