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Titolo	Quantum aspects of beam physics [[electronic resource]] : the Joint 28th ICFA Advanced Beam Dynamics and Advanced & Novel Accelerators Workshop, Hiroshima, Japan, 7-11 January 2003 // editors, Pisin Chen & Kevin Reil
Pubbl/distr/stampa	Singapore, : World Scientific, c2004
ISBN	1-281-89839-2 9786611898397 981-270-233-4
Descrizione fisica	1 online resource (541 p.)
Altri autori (Persone)	ChenPisin <1950-> ReilKevin
Disciplina	539.7/3
Soggetti	Beam dynamics Quantum electrodynamics Particle beams Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"This was the third in the QABP workshop series"--Pref.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface P. Chen; CONTENTS; I. Quantum Fluctuations and Methodologies in Beam Physics; II. Photon-Electron Interaction in Beam Production, Cooling and Monitoring; III. Beam Phenomena under Strong Fields; IV. High Energy and Laboratory Astrophysics; V. Critical Issues in Linear Colliders, Plasma Accelerators, and Ultra Cold Beams; Appendices; Committees; List of Participants; Conference Program; Conference Photos; Author Index
Sommario/riassunto	This proceedings volume of the 3rd International Workshop on Quantum Aspects of Beam Physics, presents the latest advances in beam dynamics. The frontiers of beam research point to increasingly high energy, greater brightness and lower emittance beams with ever-increasing particle species. These demands have triggered a rapidly growing number of beam phenomena that involve quantum effects. In addition to the more established topics, this volume covers topics on high energy-density particle and photon beams for laboratory

astrophysics investigations, as well as the application of beam physics
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2. Record Nr.	UNINA9910786700003321
Autore	Perretta Julianne S.
Titolo	Neonatal and pediatric respiratory care // Julianne S. Perretta ; Joanna Cain, developmental editor ; contributors Jane Benson [and twenty nine others]
Pubbl/distr/stampa	Philadelphia, Pennsylvania : , : F.A. Davis Company, , 2014 ©2014
ISBN	0-8036-4108-7
Descrizione fisica	1 online resource (608 p.)
Disciplina	615.8043
Soggetti	Respiratory therapy for newborn infants Respiratory insufficiency in children - Treatment Respiratory Tract Diseases - therapy
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Inside Front Cover; Short Title Page; Title Page; Copyright; Dedication; Preface; Contributors; Reviewers; Acknowledgments; Contents; Chapter 1: Making Sense of Caring for Kids: A Different Approach to Respiratory Care; Anatomical and Physiological Differences Between Children and Adults; Patient Assessment; Pharmacology; Equipment Selection; Intensive Care Unit Classifications; Evidence-Based Medicine; Section One: Fetal Development and Transition to Extrauterine Life; Chapter 2 Fetal Cardiopulmonary Development; Determining Gestational Age; Fetal Lung Development; Fetal Cardiac Development Fetal Neurological DevelopmentFetal Circulation; Changes to Fetal Circulation at Delivery; Assessing Fetal Lung Maturity; Implications of Development on Neonatal Course; Tocolytics and Glucocorticoids During Preterm Labor; Chapter 3 Resuscitation of the Newborn During Transition to Extrauterine Life; The Three Stages of Labor; Fetal Monitoring During Labor and Delivery; Transition to the Extrauterine World; Section Two: Perinatal Lung Diseases and Complications;

Chapter 4 Respiratory Distress Syndrome; Hyaline Membrane Disease/Respiratory Distress Syndrome
 Chapter 5 Apnea of Prematurity and Bronchopulmonary DysplasiaApnea of Prematurity; Bronchopulmonary Dysplasia; Chapter 6 Disease of Full-Term Infants; Persistent Pulmonary Hypertension of the Newborn; Meconium Aspiration Syndrome; Transient Tachypnea of the Newborn; Section Three: Common Neonatal Complications; Chapter 7 Pulmonary Complications; Atelectasis; Pulmonary Interstitial Emphysema; Pneumothorax; Pneumomediastinum; Pneumopericardium; Pneumonia; Chapter 8 Multisystem Complications; Intraventricular Hemorrhage; Patent Ductus Arteriosus; Necrotizing Enterocolitis Retinopathy of PrematuritySection Four: Congenital Anomalies; Chapter 9 Abdominal Defects; Congenital Diaphragmatic Hernia; Gastroschisis; Omphalocele; Chapter 10 Airway Abnormalities; Airway Abnormalities of the Nasal Passages and Nasopharynx; Choanal Atresia; Other Conditions Affecting the Nasal Passages and Nasopharynx; Airway Abnormalities of the Oral Cavity and Oropharynx; Robin Sequence; Other Conditions Affecting the Oral Cavity and Oropharynx; Airway Abnormalities of the Supraglottis; Laryngomalacia; Other Conditions Affecting the Supraglottis; Airway Abnormalities of the Glottis Recurrent Respiratory PapillomatosisOther Conditions Affecting the Glottis; Airway Abnormalities of the Subglottis; Subglottic Stenosis; Other Conditions Affecting the Subglottis; Airway Abnormalities of the Trachea and Bronchi; Tracheoesophageal Fistula; Other Conditions Affecting the Trachea and Bronchi; Tracheotomies; Chapter 11 Acyanotic Heart Defects; Septal Wall Defects; Atrial Septal Defect; Ventricular Septal Defect; Atrioventricular Septal Defects; Aortic Stenosis; Pulmonic Stenosis; Coarctation of the Aorta; Double Aortic Arch; Chapter 12 Cyanotic Heart Defects; Tetralogy of Fallot Total Anomalous Pulmonary Venous Return

Sommario/riassunto

Confidently meet the challenges you'll face in clinical and practice! Gain a solid understanding of neonatal and pediatric diseases as you explore real-world patient experiences with this unique resource.