1. Record Nr. UNINA9910583338603321

Autore	Philpotts Liane E.
Titolo	Breast tomosynthesis / / Liane E. Philpotts, Regina J. Hooley
Pubbl/distr/stampa	Philadelphia, Pennsylvania : , : Elsevier, , 2017 ©2017
Descrizione fisica	1 online resource (xi, 251 pages) : illustrations
Disciplina	618.19
Soggetti	Breast - Diseases - Diagnosis Breast - Radiography Imaging, Three-Dimensional Mammography Breast Neoplasms - diagnostic imaging Radiography
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Physics and development of breast tomosynthesis / Loren Niklason -- The technologist's perspective / Regina J. Hooley, Amanda Albarella, Liane E. Philpotts -- Implementation of digital breast tomosynthesis into clinical practice / Stamatia Destounis, Andrea Arieno, Renee Morgan, Liane E. Philpotts -- Tomosynthesis in screening mammography / Melissa Durand, Liane E. Philpotts -- Tomosynthesis in diagnostic mammography / Reni Butler, Regina J. Hooley -- Tomosynthesis interpretation tips and pitfalls / Liane E. Philpotts, Regina J. Hooley -- Benign findings / Laura Sheiman, Liane E. Philpotts -- Malignant findings / Paul H. Levesque, Regina J. Hooley -- Architectural distortion / Madhavi Raghu, Regina J. Hooley -- Integrating tomosynthesis with multimodality imaging / Liva Andrejeva, Jaime Geisel, Liane E. Philpotts -- The postoperative breast / Laura J. Horvath, Liane E. Philpotts -- Tomosynthesis in the male breast / Liane E. Philpotts -- Interventional procedures / Margarita Zuley, Ernestine Thomas, Jules H. Sumkin.
Sommario/riassunto	The use of tomosynthesis in breast imaging is growing rapidly due to

	its superior ability to identify and characterize normal findings, benign lesions, and breast cancer, as well as its optimal performance with dense breast tissue. Providing unparalleled coverage of this breakthrough breast imaging modality, Breast Tomosynthesis explains how this new modality can lead to enhanced interpretation and better patient outcomes. This new reference is an indispensable guide for today's practitioner looking to keep abreast of the latest developments with correlative findings, practical interpretation tips, physics, and information on how tomosynthesis differs from conventional 2D FFDM mammography. Over 900 high-quality images offer visual guidance to effectively reading and interpreting this key imaging modality.

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Record Nr.	UNINA9910585772103321
Titolo	Exercise Metabolism / / edited by Glenn McConell
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	9783030943059 9783030943042
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (405 pages) : illustrations
Collana	Physiology in Health and Disease, , 2625-2538
Disciplina	612.39 612.044
Soggetti	Human physiology Biochemistry Metabolism Cytology Sports sciences Nutrition Human Physiology Metabolic Pathways Sport Science Sports Nutrition
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1. A Brief History of Exercise Metabolism -- Chapter 2. Overview of Exercise Metabolism -- Chapter 3. Exercise: Thermodynamic and Bioenergetic Principles -- Chapter 4. Anaerobic Metabolism During Exercise -- Chapter 5. Exercise and Muscle Glycogen Metabolism -- Chapter 6. Exercise-Regulated Skeletal Muscle Glucose Uptake -- Chapter 7. Adipose Tissue Lipid Metabolism During Exercise -- Chapter 8. Regulation of Fatty Acid Oxidation in Skeletal Muscle During Exercise: Effect of Obesity -- Chapter 9. Skeletal Muscle Protein Metabolism During Exercise -- Chapter 10. The Effect of Training on Skeletal Muscle and Exercise Metabolism -- Chapter 11. Role and Regulation of Hepatic Metabolism During Exercise -- Chapter 12. Influence of Exercise on Cardiac Metabolism and Resilience -- Chapter 13. Metabolism in the Brain During Exercise in Humans -- Chapter 14. Effects of Age on Exercise Metabolism -- Chapter 15. Sex-Specific Effects on Exercise Metabolism -- Chapter 16. Circadian Rhythms and Exercise Metabolism -- Chapter 17. Metabolic Factors in Skeletal Muscle Fatigue.
Sommario/riassunto	In this Edited Volume, a diverse group of exercise metabolism experts, assembled a multi-facetted collection of fascinating contributions. The chapters focus on metabolism during exercise, including anaerobic and aerobic metabolism, carbohydrate metabolism (separate chapters on muscle glycogen and blood glucose), fat metabolism (separate chapters on muscle and adipose tissue) and protein metabolism. Readers will find discussion on various tissues in addition to skeletal muscle, such as liver, heart and brain metabolism during exercise. In addition, the book includes chapters on other perspectives such as thermodynamic and bioenergetic aspects of exercise and a dive into history. Another focal point is on the effects of exercise in relation to training, age, sex, fatigue and the circadian rhythm. This contemporary collection will be an essential resource for Physiologists, Sports Scientists, Coaches, Athletes and students alike. .