

P0018-2024

ספרות מחייבת לבחינת שלב א' 2024 - רדיולוגיה אבחנתית

רשימת הספרים מתייחסת למהדורות האחרונות, למעט במקומות בהם צוין אחרת.

Grainger & Allison's Diagnostic Radiology* By Ronald G. Grainger, David J. Allison, Andreas Adam, and Adrian K. Dixon, Gillard, Schaefer-Prokop 2 Volume set Churchill – Livingstone

- 1- באולטראסאונד, דימות מערכת השלד, דימות שד ובאנגיוגרפיה גריינגר אינו הספר המומלץ אלא ה requisites כמפורט
- 2- בדימות בית החזה, גריינגר וכן שלושת המאמרים המפורטים לעייל הינם החומר המומלץ
- 3- בדימות לב המאמרים המפורטים הם החומר המומלץ

כאמור בשאר המקצועות, אלא אם מפורט אחרת הגריינגר הוא הספר המחייב לסילבוס למבחן

Chest Imaging:

מאמרי חובה בנוסף לגריינגר

1. Managing Incidental Findings on Thoracic CT: Lung Findings. A White Paper of the ACR Incidental Findings Committee. J Am Coll Radiol. 2021 Sep; 18(9): 1267-1279.
2. Lines and Stripes: Where Did They Go? —From Conventional Radiography to CT RadioGraphics 2007 Jan 27 (1) : 33-38.
3. Fleischner Society: glossary of terms for thoracic imaging. Radiology 2008 Mar; 246(3): 697-722. 21
4. Revisions to the TNM Staging of Lung Cancer: Rationale, Significance, and Clinical Application. Radiographics 2018; 38: 374-391

Cardiac Imaging :

המאמרים שהם החומר הנדרש כסילבוס למבחן

1. [Anatomy of the Heart at Multidetector CT: What the Radiologist Needs to Know](#) James P. O'Brien, Monvadi B. Srichai, Elizabeth M. Hecht, Daniel C. Kim, and Jill E. Jacobs RadioGraphics 2007 27: 6, 1569-1582
2. [Coronary Artery Calcium Scoring: Current Status and Future Directions](#) Amit Gupta, Kaustav Bera, Elias Kikano, Jonathan D. Pierce, Jonathan Gan, Maharshi Rajdev, Leslie M. Ciancibello, Aekta Gupta, Sanjay Rajagopalan, and Robert C. Gilkeson RadioGraphics 2022 42: 4, 947-967.
3. Kolossváry M, Szilveszter B, Merkely B, Maurovich-Horvat P. Plaque imaging with CT-a comprehensive review on coronary CT angiography based risk assessment. *Cardiovasc Diagn Ther.* 2017; 7(5): 489-506. doi: 10.21037/cdt.2016.11.06.
4. Anomalous Coronary Arteries That Need Intervention: Review of Pre- and Postoperative Imaging Appearances. Prachi P. Agarwal et al. RadioGraphics 2017; 37: 740–757
5. [Coronary Artery Bypass Grafts: Assessment with Multidetector CT in the Early and Late Postoperative Settings](#). Aletta Ann Frazier, Fauzia Qureshi,

- Katrina M. Read, Robert C. Gilkeson, Robert S. Poston, and Charles S. White
RadioGraphics 2005 25: 4, 881-896
6. Comprehensive cross sectional Imaging of the pulmonary veins. Cameron Hassani et al. RadioGraphics 2017; 37: 1928-1854.
 7. Computed Tomography Imaging in the Context of Transcatheter Aortic Valve Implantation (TAVI)/Transcatheter Aortic Valve Replacement (TAVR) An Expert Consensus Document of the Society of Cardiovascular Computed Tomography Philipp Blanke, et al JACC: CARDIOVASCULAR IMAGING 2019.
 8. Cardiac MRI in Patients with Acute Chest Pain. Jordi Broncano et al RadioGraphics 2021; 41: 8-31
 9. Rajiah P. Cardiac MRI: Part 2, pericardial diseases. AJR Am J Roentgenol. 2011 Oct; 197(4): W621-34. doi: 10.2214/AJR.10.7265. PMID: 21940533.
 - 10- Delayed Enhancement MR Imaging: Utility in Myocardial Assessment. Jens Vogel-Claussen et al. RadioGraphics 2006; 26: 795- 810
 - 11- Haaf P, Garg P, Messroghli DR, Broadbent DA, Greenwood JP, Plein S. Cardiac T1 Mapping and Extracellular Volume (ECV) in clinical practice: a comprehensive review. J Cardiovasc Magn Reson. 2016 Nov 30; 18(1): 89. doi: 10.1186/s12968-016-0308-4. PMID: 27899132; PMCID: PMC5129251.
 - 12- MR Imaging of Cardiac Tumors. Patrick J. Sparrow et al. RadioGraphics 2005; 25: 1255-1276

Breast Imaging:

Breast Imaging: The Core Requisites 4th Edition Chapters 1 – 11, 14,17

Musculoskeletal Imaging:

The Requisites 4th Edition Chapter I-8 Chapter 10-23 Chapter 25-37, 39-42, 44-45
Chapters excluded: Chapter 9, 24, 38, 43, 46-50

US:

The Requisites, 3rd Edition, 2016 Chapters , part 1, chapters 1-11 . chapters excluded , part 2, 12-24

Angiography:

Vascular and Interventional Radiology: The Requisites, 2nd Edition
John A. Kaufman & Michael J. Lee

ומתוכו העמודים הבאים :

- 2-5 atherosclerosisintimal hyperplasia, aneurysms
- 6- 9 vasculitis,
- 13-15 dissection, trauma
- 16-21 infection, impngment syndromes
- 34-38 contrast media
- 56-67 Non invasive vascular imaging
- 68-98 Vascular interventions
- 136-157 Central veins
- 177-198 Thoracic aorta
- 199 – 225, 227 Abdominal aorta
- 229 – 264 Visceral arteries
- 287 – 308 IVC and tributaries
- 318 – 325 Transjugular Intrahepatic Portosystemic Shunt
- 331 – 333 Portal vein embolization , transjugular liver biopsy
- 334 – 353 Lower extremity arteries
- 401 – 405 abscess and fluid drainage
- 485 – 510 Percutaneous GU intervention
- 547 – 553 Image guided tumor ablation

Physics

The Essential Physics of Medical Imaging Bushberg, Seibert, Leidholdt, & Boone

ISBN 978-0-7817-8057-5

Chapter 1

Chapter 2

3 - 3.2, 3.3, 3.4, 3.5

Chapter 4 - 4.1, 4.3, 4.7, 4.8, 4.9

Chapter 5 - 5.1, 5.2, 5.5, 5.7, 5.8 Section II

Chapter 6 – 6.1, 6.2, 6.5

Chapter 7 - 7.1, 7.2, 7.3, 7.7, 7.8, 7.9, 7.10, 7.11, 7.12

Chapter 8

Chapter 9

Chapter 10 (CT)

Chapter 11 – 11.1, 11.2, 11.6, 11.7, 11.8

Chapter 12

Chapter 13 -13.1, 13.2, 13.3, 13.5, 13.6, 13.9, 13.10

Chapter 14 (US)

Section IV

Chapter 20 - 20.1, 20.2,

Chapter 21 – 21.1, 21.2, 21.3, 21.4

Spin Echo Magnetic Resonance Imaging Journal of Magnetic Resonance Imaging

37: 805–817 (2013) Jung and Weigel Gradient Echo Imaging Journal of Magnetic

Resonance Imaging 35: 1274–1289 (2012) Markl and Leupold

Dual-energy CT: minimal essentials for radiologists Japanese Journal of Radiology

40: 547–559. DOI: 10.1007/s11604-021-01233-2 (2022) Tatsugami, Higaki, Nakamura, Honda, and Awai

חומרי ניגוד

ACR recommendations for the use of contrast media 2023 . https://www.acr.org/-/media/ACR/Files/Clinical-Resources/Contrast_Media.pdf