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Radiology is a vast subject and there are tons of books available. Given the shortage of time, a radiology resident needs to carefully choose what books he should read. Here are some tips regarding radiology books and resources: Start with standard textbooks. Start with standard textbooks There are lots of resources available on the internet, including articles, case collections, and e-books. But trust me as a first-year resident you SHOULD start off by reading standard textbooks. Because there are so many resources on the internet, you will end up collecting them / browsing through them without reading them. These are definitely great resources and you should use them, but once you have got your basics clear by reading books. Read physical books. Another trend that I have observed in residents is reading e-books on iPads and tablets. My experience is that you would retain a lot more once you read ACTUAL books. I know that this may be difficult for everyone, considering that radiology books aren't cheap. A good alternative is to rent books from Amazon (may not be available in all countries), your local library or your radiology department library. You can also share a few reference books among your colleagues if that is an option. Keep reference books handy on your iPad and Kindles, especially the normal radiological anatomy books, while you are reporting. You can read about a particular case when you encounter one during your practice. But for building up core concepts, you SHOULD stick to physical books! Take notes. Get in the habit of taking notes. A neat trick that I used was to stick on additional notes from articles into a standard book, so when I had to revise the topic I do not have to hunt elsewhere. You can also keep a small notebook or diary handy for taking notes during conferences. Alternatively, the iPad has some great note-taking apps like Notability and Good notes. Now coming to the question that got you here: What are some good radiology books? I have compiled the books that I found useful during my residency and fellowship. I know the list is long and it is not feasible for a first-year radiology resident to buy ALL books, but you can always read the reference books in the library or alternatively share books with your colleagues. Books and systems are listed in the order of priority. Essentials to optional. Here is the system-wise list of recommended radiology books: Fundamentals of Radiology You need to have a basic "go-to" book, especially when you start your residency. I have listed a few books in this category. You can select ONE of these depending on your reading style and where you are doing your radiology residency. Core Radiology: A Visual Approach to Diagnostic Imaging The #1 recommended book by radiology residents in this category. Full of images and illustrations for each topic (true to its name: "a visual approach") Concise and to-the-point. Certain topics may not be covered in-depth, for which you can refer to the subspecialty books listed below. General Radiology Chapman & Nakielny's Aids to Radiological Differential Diagnosis This handbook is quintessential for all radiology residents and is MUST read for practicals. The updated 7th edition has divided the differentials into most common, less common and rare. These are now easier to recollect than the monotonous list in the previous versions. Also, do have a look at the second part of the book. It gives around 30-40 disease entities with point-wise radiology findings for each. Precise and easy to revise. Radiology Review Manual – Dahmert Dahmert is a reference book for differentials. Has good illustrations which can come in handy in the theory exams. The illustrations for radiological signs in Hydatid disease is excellent! Do keep in mind that the book does not have radiological images. The text can get monotonous without accompanying images. Honorable mentions: Chest Radiology Felson's Chest Roentgenology A foundational book that all radiology residents should read. It is a fun read with lots of anecdotal examples from Felson's personal. All students will at least have one case with a chest radiograph in their finals and you MUST understand the standard radiology signs (the silhouette sign, thoracic-abdominal sign, etc), best described in Felson. A book that every radiology resident may not like but has to read! The Chest X-Ray: A Survival Guide by Gerald de Lacey A precise book that will give you the exact information that you are looking for, unlike Felson which has a more storytelling format. Lots of illustrations and radiographs make it easy to grasp difficult topics. Handy and easy to carry around which makes it an ideal companion for your first x-ray rotation. Additional books for further reading and thoracic radiology fellows: Also, check our extensive collection of cardiothoracic imaging resources (including more than 100 videos by the Society of Thoracic Radiology): Cardiothoracic Radiology Cases and other resources from the Society of Thoracic Radiology Imaging Anatomy Good alternative: Pocket Atlas of Sectional Anatomy Three pocket-sized volumes covering imaging anatomy. A good book to refer to when you are reporting CT and MR/AL images are accompanied by illustrations which makes it easy to understand. You can also check out our extensive collection of anatomy references here: Radiological Anatomy (Updated 2021) Other options: Imaios e-anatomy (App and website), Applied Radiological Anatomy, Anatomy for Diagnostic Imaging – Ryan and Applied Radiological Anatomy- Butler. Body Imaging Fundamentals of Body CT by Webb / Brant Recommended book for R1s during your first CT rotation. Well organized and easy to read. The chest section is also a good read a substitute for other books mentioned above. Further reading and books for body/cross-section imaging fellows and practicing radiologists: Body MRI by Evan Siegelman – THE book for body MRI. Unfortunately, it has not been updated since the first edition that came out in 2004. Online MRI lectures by MRlonline.com are worth investing in, especially if you are a practicing radiologist. You can use the coupon code: RADIOGYAN_10 to get a 10 percent off on all the courses! CTisus.com by Dr. Elliot Fishman is a great resource for body CT. Gastrointestinal Radiology Most of GI radiology is covered in the fundamental and body imaging books. Mayo Clinic Gastrointestinal Imaging Review and Introduction to Fluoroscopy: For Residents & Professionals Alike are good books for fluoroscopy which is not covered well in these books. For further reading, the Textbook of Gastrointestinal Radiology Levine and Gore is an excellent GI book. Musculoskeletal radiology (MSK) Yochum And Rowe's Essentials Of Skeletal Radiology A MUST read book for bone tumors, arthritides, and endocrine bone disorders. Each topic has a pink "Capsule summary box" at the end of the description which is very useful for last-minute revision. Also, don't forget to read the skeletal radiology mnemonics in the Appendix. MRI is not covered well. Musculoskeletal MRI Helms and Kaplan Recommended book to read for the basics of musculoskeletal MRI and joints. As a radiology resident, Yochum, coupled with Helms is enough for MSK MRI. This also has good tables to review important topics. Further reading and books for MSK radiology fellows: Fundamentals of Skeletal Radiology by Helms is a good book to start as a first-year resident. However, it does not cover a lot of other topics so I will not recommend buying it. Neuroradiology Osborn's Brain Probably the ONLY book you will EVER need for neuroradiology! Fundamental books cover most of the neuroradiology required at a resident level. None the less, this is a good book for neuroradiology fellows and radiology residents. Further reading and books for neuroradiology fellows/radiology practitioners Head and Neck Imaging in Neck, once your anatomy concepts are good, the pathology part is not that difficult. Head/Neck/Brain/Spine is a good resource for anatomy. This YouTube playlist by Dr. Harnsberger and Dr. Suresh Mukherjee is a good resource for Head and neck radiology: Handbook of Head and Neck Imaging: Small handbooks but the illustrations cover anatomy in detail. Although the last edition came out in 1996 (!), it is still a good book to start with head-neck anatomy. Head and Neck Imaging- Peter Som THE reference book for Head and Neck Radiology. Not essential at a resident level. Emergency Radiology Again a separate book may not be required. Accident and Emergency Radiology: A Survival Guide is a good book, especially if you are interested in taking up the FRCR exam. Pediatric Radiology Ultrasound Medical Imaging physics For the physics of older conventional modalities, books like Fundamentals of X-Ray and Radium Physics by Joseph Selman and Chesney can be referred but I am not sure how relevant are these now. Review of Radiologic Physics by Walter Huda and The Essential Physics of Medical Imaging by Bushberg are also good alternatives. RSNA physics modules are free for members and are quite exhaustive as well. A good and more exhaustive alternative for MRI physics is MRI in Practice by Catherine Westbrook. I would prefer Duke Review of MRI Physics: Case Review Series over this, considering its case-based approach topic like MRI physics. Procedures and Interventional radiology (IR) Have questions about Interventional Radiology (IR)? Check out our detailed post: Not required for most radiology residents program worldwide as the programs are separate. Following nuclear medicine books are good for FRCR and some residency programs: Cardiac Imaging Mammography and breast imaging At a resident level dedicated books on mammography are not necessary. Following articles from Radiology Assistant are a great start: For further reading and for breast radiology fellowships following books by Lazlo Tabar are good: Check out this unique interactive course on the basics of breast imaging: Basics of Breast Imaging Course Other systems I don't think separate books are needed for cardiac imaging, pediatrics and breast imaging at a resident level. General radiology books cover these systems quite well. For practicing radiologists the radiology requisites series is good for specially reading. Books for the MD/DNB/DMRD theory exams Diagnostic Radiology Berry These books do not need a separate introduction and are a must-read for radiology residents in India as they cover most questions asked in the radiology theory exams. Recent advances edition is a must-read for viva as well. A good book for the radiology oral boards is Radiology Secrets. This is a small handbook with a unique question-answer based format. Case-based imaging books Also check out our collection of "Aunt-Minnie" radiology cases: Radiology Spotters (Quiz) Cases Radiology Search Pattern and Check-lists Search Pattern: A Systematic Approach to Diagnostic Imaging by Dr. Long H. Tu When you start reading a study that you have not read before, a major hurdle is "Where do I start ☹️?". This book provides a search pattern for several radiological investigations for all modalities (Radiographs, Fluoroscopy, CT, and MRI) An ideal companion for reporting as a radiologist or a radiology resident in their final years of residency. A good resource for R1 and R2 residents who are starting call as it guides where to look for. Although the book does not provide reporting templates, you can create your own templates using the question-based checklist for each system. Do note that the book does not have images or illustrations. Musculoskeletal MRI Structured Evaluation: How to Practically Fill the Reporting Checklist by Dr. Avneesh Chhabra A perfect combination of check-list based reporting and conventional radiology textbook. Each joint / pathology is described in detail under these headings: A stepwise interpretation approach including what to look at in each sequence. For eg - "Start with the coronal images in order to evaluate the AC joint and subacromial/subdeltoid (SASD) bursa abnormalities, superior humeral subluxation, low-set acromion (AC subluxation), or lateral downsloping of the acromion" A structured reporting template for the joint/ pathology. Elaborate discussion on how to fill each section of the reporting template. This portion is similar to a conventional textbook and has representative normal and pathological images. Books for the ABR core exams and boards Here is the complete guide for the ABR core exam by Dr. Mustafa Alhasan Recommended Books for the FRCR exam Although the FRCR exam has been covered in detail in a separate post, we have listed the book recommendations for the exam. First FRCR examination Physics: Anatomy Imaging Atlas of Human Anatomy' by Abrahams. is sufficient. Final FRCR part A examination Final FRCR part B examination: You can check out the complete article here: FRCR Exam: THE most comprehensive guide (2021) Resources and books for medical students Although radiology is not one of the major subjects in medical school, it is increasingly being integrated into everyday clinical practice and hence it is imperative for medical students to be cognizant with the basics of radiology. Also after the introduction of the NEET entrance exam, radiology has assumed more importance in the entrance exams. These are a few books that medical students can read for learning the basics of radiology and help them with these exams as well. Learning Radiology: Recognizing the Basics. You can also browse the following pages from the Learning Radiology website : Radiology books for entrance exams like NEET/AIIMS / PG Free resources for radiology residents We have compiled a list of free to download radiology resources. These include free to download PDF books and presentations (PPT). Radiology Exam Resources (Oral Recalls, Instruments, etc) Hopefully, you find this list of recommended books for radiology residents useful. If I have missed any book you can contact me here. P.S. Make sure you buy the latest edition while buying online. Also, a lot of websites and telegram groups offer free radiology books PDFs but I would not recommend these and you should prefer reading books in the physical form. Disclaimer: Dr. Tu has sent me a free copy of his book "Search Pattern: A Systematic Approach to Diagnostic Imaging" for review. Share on Twitter Share on Facebook Share on Pinterest Dr. Amar Udare is a board-certified radiologist. He is currently working as a fellow radiologist at McMaster University, Canada. He has a passion for teaching (#FOAMrad and #FOAMed) and has been a semi-finalist for the 2018 and 2020 Aunt-Minnie Most effective Radiology Educator Awards. He has authored multiple peer-reviewed publications which can be accessed on PubMed and Google Scholar.

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