

Good Morning MRI Buzzsters..!

Some of you students / fresh graduates, recently, reached out to me with regards to MRI as well as MRSO Resources that you can utilize for your test prep in light of rescheduled examination(s) owing to SARS-CoV-2 / COVID-19.

So, I reached out my mentors as well as colleagues who have authored textbooks / review materials, to obtain information with regards to said resources.

Many of them, such as Dr. Emanuel Kanal , Dr. Frank Shellock, Dr. Laura Vasquez , emailed me just a few hours back, and directed me to sites/ information where their text(s) / review materials / programs could be obtained.

I also spoke to Kris Giordano of the Acclaimed MRI Registry Prep Program - MRI Quiz - and he appreciated his site/program being mentioned within this document. Thank you so much again Kris!

I reached out to some of the aforementioned industry experts, since to my understanding, they were up for updating / revising their authored texts / programs. For instance - Frank's 'Bioeffects, Safety and Patient Management' - is currently being revised for a second edition - to be available for purchase later this year.

**However, this document, containing a list of personally compiled / organized MRI / MRSO Exam Prep Resource(s), is much like a living, breathing document, where I will continually welcome updates, comments/feedback, revisions from all the MRI Professionals, Experts, and Authors mentioned in said write-up.**

On that note, attached please find a list of MRI/MRSO Exam Prep Resource(s), which I also, personally purchased and found helpful for my own registry:

## **MRI Exam Prep Resource(s):**

### **I) Textbook(s) / Literary Review Materials:**

#### **1) MRI in Practice 5th Edition :**

<https://www.wiley.com/en-us/MRI+in+Practice%2C+5th+Edition-p-9781119392002> -

By highly acclaimed MRI Educators, Experts, and Authors -

Dr. Catherine Westbrook and Dr. John Talbot

#### **2) Artifacts and Technical Solutions -**

[https://www.amazon.com/dp/B086H49LJW?fbclid=IwAR0t3P4EM\\_BR-FIP7c4VvOLxweSKOD2H6SQgPKqGhOp12qRNR9BNOcouvL-0](https://www.amazon.com/dp/B086H49LJW?fbclid=IwAR0t3P4EM_BR-FIP7c4VvOLxweSKOD2H6SQgPKqGhOp12qRNR9BNOcouvL-0) -

This is by our collaborator Dr. Luca Bartalini as part of his own independent MRI Educational endeavors and is a great resource for all your understanding on the myriad of MR Artifacts, that you will see during clinical imaging.

#### **3) MRI Parameters and Positioning - By Torsten B. Moeller and Emil Reif -**

<https://www.thieme.com/books-main/radiological-technology/product/145-mri-parameters-and-positioning>

#### **4) Review Questions for MRI -**

By Prominent MRI Educators and Experts Bill Faulkner and Carolyn Roth

[https://www.amazon.com/Review-Questions-Carolyn-Kaut-Roth-dp-1444333909/dp/1444333909/ref=mt\\_paperback?\\_encoding=UTF8&me=&qid=](https://www.amazon.com/Review-Questions-Carolyn-Kaut-Roth-dp-1444333909/dp/1444333909/ref=mt_paperback?_encoding=UTF8&me=&qid=)

<https://www.barnesandnoble.com/w/review-questions-for-mri-carolyn-kaut-roth/1118727861>

## **II) Miscellaneous / Additional Textbooks:**

### **1) Handbook of MRI Techniques - by Dr. Catherine Westbrook :**

<https://www.amazon.com/Handbook-MRI-Technique-Catherine-Westbrook/dp/1118661621>

### **2) Sectional Anatomy for Imaging Professionals :**

<https://www.amazon.com/Sectional-Anatomy-Imaging-Professionals-Lorie/dp/0323082602>

### **3) Renowned MRI Professional and Educator - Dr. Donald McRobbie's two Textbooks:**

#### **i) Essentials of MRI safety:**

<https://drdonaldmcrobbie.com/new-book-essentials-of-mri-safety/>

#### **ii) MRI from Picture to Proton:**

<https://drdonaldmcrobbie.com/mri-from-picture-to-proton/>

<https://www.cambridge.org/gb/academic/subjects/medicine/medical-imaging/mri-picture-proton-3rd-edition?format=PB#9H8cg2hPKfu-HLot3.97>

#### **4) MRI from A to Z -**

<https://www.amazon.com/MRI-Definitive-Guide-Medical-Professionals-ebook/dp/B00F5V7NB8>

### **III) MRI / MRSO Test - Prep and MRI Educational Programs:**

#### **1) MRI Quiz - For the Main MRI Registry Prep - By Kris Giordano :**

<https://www.mriquiz.com>

This comes with a money-back guarantee if you don't pass .

#### **2) RITE Advantage -**

**For MRSO/SE Exam Prep by my business partner Matt Rederer -**

Sign up for his own independent RITE Advantage MRSO/MRSE Prep Program at:

<https://riteadvantage.com>

This program too comes with a money-back guarantee if you don't pass.

#### **3) Dr. Frank Sherlock 's Authored Text(s) / Programs:**

His material works for and/or is applicable to **both the MRI Registry and MRSO/SE/MD Prep** and can be found below -

**A) Dr. Shellock's 2020 Reference Manual for MR Safety, Implants and Devices -**

[https://www.amazon.com/Reference-Magnetic-Resonance-Implants-Devices/dp/098916327X/ref=sr\\_1\\_1?dchild=1&keywords=reference+manual+2020+shellock&qid=1587996972&sr=8-1](https://www.amazon.com/Reference-Magnetic-Resonance-Implants-Devices/dp/098916327X/ref=sr_1_1?dchild=1&keywords=reference+manual+2020+shellock&qid=1587996972&sr=8-1)

**B) Dr. Shellock's Online, On - Demand programs for MRI safety that include CME/CE credits:**

[www.appliedradiology.org/mrisafety](http://www.appliedradiology.org/mrisafety)

**C) Dr. Shellock's MRI Bioeffects. Safety and Patient Management Textbook:**

This textbook is currently being revised as a Second Edition and will be available on Amazon later this year.

You may find the earlier edition(s) on his MR Safety website, found at:

<http://www.mrisafetybook.com>

**4) Dr. Laura Vasquez's B.S. in Imaging Sciences - MRI & Radiography Program at Rush University, Chicago - IL, USA -**

This program, chaired by Dr. Laura Vasquez of Rush University, is for those interested students / individuals who wish to pursue an MRI Program / B.S. in MRI / Cross-train into MRI.

I had the opportunity of seeing Dr. Vasquez's program, when I visited her during the Westbrook - Talbot MRI in Practice Course that was then scheduled around the year 2018-19.

Hers is a stellar program with excellent MR Registry Pass Rates and she has the knack for churning out dedicated students, many of whom, I had the privilege of meeting in person.

On that note, I must add that, I corresponded with Dr. Vasquez that year and asked to write an article on her program, as I do dabble in science writing, from time to time. Thank you again Dr. Vasquez..!

I highly encourage all students to consider applying to her program. I promise you, you will not regret the experience and the plethora of opportunities that you will be exposed to.

Link(s) to her MRI & Radiography Degree Programs with updated information, announcement(s) , and my personally composed article highlighting pertinent information with regards to said program can be found below:

**A) Dr. Vasquez's MRI & Radiography Degree Program Information and Announcement(s):**

<https://www.rushu.rush.edu/college-health-sciences/academic-programs/bachelor-science-imaging-sciences>

[https://www.linkedin.com/posts/laura-p-vasquez-ph-d-ms-96119a36\\_bachelor-of-science-in-imaging-sciences-activity-6656869477805895680-i-J8/?fbclid=IwAR2WBRzMEVS0zAHhMzKtw5sknCuJxecywmWF8KZuF-BA2fql6Mc2ELJtxgUE](https://www.linkedin.com/posts/laura-p-vasquez-ph-d-ms-96119a36_bachelor-of-science-in-imaging-sciences-activity-6656869477805895680-i-J8/?fbclid=IwAR2WBRzMEVS0zAHhMzKtw5sknCuJxecywmWF8KZuF-BA2fql6Mc2ELJtxgUE)

<https://www.facebook.com/100004584541077/posts/1494051204091017/?d=n>

<https://twitter.com/laurapvasquez1/status/1254387546492145664?s=11>

**NOTE: The Rush MRI Program online information session scheduled on Monday April 27 had been moved to Tuesday April 28 at 6:00 PM CST. Interested individuals, who missed it, may find future online information session(s) using the link(s) below:**

<https://my.rush.edu/imagingsciences/inquiryform>

**NOTE 2: Dr. Laura Vasquez's MRI & Radiography Degree Program at Rush University acknowledges the ARRT MRI and the ABMRS MRSO credentials. The program awards credits based on these credentials. Eligibility can potentially reduce the program duration and cost by half.**

**B) My Article for Dr. Vasquez's MRI & Radiography Degree Program:**

<https://www.linkedin.com/pulse/bs-imaging-sciences-mri-radiography-program-rush-university-baig/>

**NOTE: I can make a PDF of my article(s), for individuals who would like easier access to it. Please contact me at - [lub-na.baig08@gmail.com](mailto:lub-na.baig08@gmail.com)**

**5) Bill Faulkner & Kristan Harrington MRI Educational Programs:**

Bill and Kristan are Highly Acclaimed MR/MR Safety Experts, Educators, and Consultants.

They work together at William Faulkner & Associates

**Wm. Faulkner, BS,RT(R)(MR)(CT), FSMRT, MRSO (MRSCTM)**

**Kristan Harrington, MBA, R.T.(R)(MR), ARRT, MRSO (MRSCTM)**

**List of Courses:**

<https://t2star.com>

## **Live Programs and Courses**

4-day MRI Registry Review and Exam Prep  
2-day CT Registry Review and Exam Prep  
2-day MR Safety Officer / MR Medical Director Course

All of the above courses are offered live in Chattanooga TN with an option of attending via live streaming simulcast

## **Online Course:**

### **MRSO - MRMD The Online Course -**

<https://www.appliedradiology.org/mrsomrmd>

This course is hosted by Applied Radiology. It is an online video course. Enrolling in the course provides a one-year subscription to the video course.

## **Online Video Programs:**

<https://www.nwforums.com/ce-courses>

These videos are hosted by Northwest Imaging forums and include:



MR Registry Review  
Level 1 and Level 2 MR Personnel Training  
Managing Patient Radiation Dose in CT

**MR iCast :**

Podcasts covering a variety of MRI-related topics:

<https://mricast.com>

**Wm. Faulkner, BS,RT(R)(MR)(CT), FSMRT, MRSO (MRSCTM):**

Voted “Most Effective Radiologic Technologist Educator” (2002, Aunt-Minnie.com)

Awarded the *Crues Kressel Award* by the SMRT for outstanding contributions to MR Technologist education.

**Books:**

- Author: “MR Registry Prep Guide”
- Author: “Rad Techs Guide to MRI”
- Coauthor: “Review Questions for MRI”
- Contributing Author: “The Physics of Clinical MRI Taught Through Images” (1st edition)
- Contributing Author: “Principles of Radiographic Imaging: An Art and a Science” (5th edition) - Contributing Author: “Handbook MRI Technique”
- Contributing Author: “MRI for Technologists”
- Contributing Author: “Open MRI”

## **6) The ACR 2020 MR Safety Manual - that replaced the previous ACR Guidance on MR Safe Practices:**

This is very helpful and is the go-to MRSO/SE Prep Resource, for aspiring diplomates:

[https://www.acr.org/-/media/ACR/Files/Radiology-Safety/MR-Safety/ACR-Manual-on-MR-Safety.pdf?fbclid=IwAR283M1fS5HwtacO8T4\\_-4dV77XVkrB0Chk8l-JBNjHHi\\_MOMwUg66NnBgU4](https://www.acr.org/-/media/ACR/Files/Radiology-Safety/MR-Safety/ACR-Manual-on-MR-Safety.pdf?fbclid=IwAR283M1fS5HwtacO8T4_-4dV77XVkrB0Chk8l-JBNjHHi_MOMwUg66NnBgU4)

## **7) Dr. Emanuel Kanal's MR Safety Educational Programs and Authored Text(s), Manuscript(s) / Reading Materials:**

The List of MR Safety Educational Resource(s) and Authored Text(s) / Published Material applicable to and/or authored by Dr. Kanal is highly extensive / expansive.

Dr. Kanal has been researching and teaching about MR safety issues for more than 30 years, since the introduction of MRI as a clinical diagnostic tool.

He is known for his highly acclaimed “Kanal Method” in safer MR care practices and invented the MR Safety software teaching tools - MR Safety Implant Risk Assessment™ (MRSIRA™) and the MagnetVision™-

I found a few Essential MR Safety Educational Resources / Research Articles that can be attributed to Dr. Kanal and will undoubtedly be helpful to those aspiring to sit for their ABMRS MRSO/SE/MD Exams.

Additionally, I included the link(s) to his Kanal MRSO/SE/MD course symposia, so aspiring delegates can keep an eye out for updated information, should it be safe to travel again, in the aftermath, of the ongoing COVID-19 pandemic.

**Link(s) to Kanal MRSO/SE/MD Program(s) and Prep Resources - that can be attributed to Dr. Kanal - but may also have other co-authors - (I sincerely apologize, if I failed to mention the said esteemed co-authors):**

**A) Kanal MRSO/SE/MD Program(s) - Organized by NW Imaging Forums:**

<https://www.nwforums.com/2020-2/>

**New MRI Students or Fresh Graduates, who wish to learn more about and/or basic information with regards to the Kanal MRSO/SE/MD Course(s) - Attached please find a link to my article on Dr. Kanal's aforementioned program(s):**

<https://www.linkedin.com/pulse/spotlight-kanals-mrmdmrsomrse-safety-training-course-2019-lubna-baig/>

**I can also make a PDF version of my article, for individuals who would like easier access to it. Please contact me at - [lubna.baig08@gmail.com](mailto:lubna.baig08@gmail.com)**

**B) The ACR 2020 MR Safety Manual - that replaced the previous ACR Guidance on MR Safe Practices:**

Dr. Kanal the author and/or First Author of the prior publications on which this Manual is based, and was also the Primary Contributor to the formulation of this MR Safety Manual.

The link(s) to this document is the same as the one placed above:

[https://www.acr.org/-/media/ACR/Files/Radiology-Safety/MR-Safety/ACR-Manual-on-MR-Safety.pdf?fbclid=IwAR283M1fS5HwtacO8T4\\_-4dV77XVkrB0Chk81-JBNjHHi\\_MOMwUg66NnBgU4](https://www.acr.org/-/media/ACR/Files/Radiology-Safety/MR-Safety/ACR-Manual-on-MR-Safety.pdf?fbclid=IwAR283M1fS5HwtacO8T4_-4dV77XVkrB0Chk81-JBNjHHi_MOMwUg66NnBgU4)

**C) Dr. Kanal's Commentary on the 2015 Cochlear Implant JAMA Article:**

This is an excellent read for all those who want to delve a little deeper into understanding MR Safety applications with regards to certain MR-Conditional device(s) such as Cochlear Implants and/or Safety Testing of such device(s).

**The article is titled - "Adverse Events and Discomfort during Magnetic Resonance Imaging in Cochlear Implant Recipients"**

Here is the Link to Dr. Kanal's Commentary on the Article itself:

<https://www.metroatlantaotolaryngology.org/journal/jan15/Choi%20prompted%20Kanal%20editorial%202014.pdf>

**I can email the PDF to the main article to interested individuals.**

**D) Totally Accessible MRI - A User's Guide to Principles, Technology and Applications - This is Authored by Dr. Michael Lipton, but to my understanding, has the FOREWORD penned by Dr. Emanuel Kanal:**

<https://www.amazon.com/Totally-Accessible-MRI-Principles-Applications/dp/0387488952>

**IV) Our Site - MRI Buzz' - FREE MR / MR Safety Educational Resource(s) / Mock MRI - MRSO/SE Exam(s):**

**1) MRI - Physics, Cross-Sectional Anatomy, Contrast Administration, Artifacts, Cardiac MR , Image Optimization, etc.. - The links to each category / subcategory of MR/MR Safety - within our site - can be found - on our MRI Learning tab - at:**

<https://www.mribuzz.com/mri-learning/>

**2) MRI Cross-sectional anatomy / labeled images - pertaining to - Brain, Cardiac, Abdomen and Pelvis, Upper and Lower Extremities - through our - MR- specific -Anatomy page - found at:**

<https://www.mribuzz.com/mri-anatomy/>

**3) MR Artifact(s) Information found at:**

<https://www.mribuzz.com/mri-artifacts-2020/>

**4) MR Protocol Optimization features - such as : Resolution, SNR, CNR, Image Contrast, Scan Times / Temporal Resolution - on embedded MR Images - on our MR Protocol Optimization page found at:**

<https://www.mribuzz.com/upgrade-me/>

**5) Gadolinium dose calculation / patient dose calculation on our Gadolinium page found at:**

<https://www.mribuzz.com/inject-me/>

**You also have additional features such as contrast media learning material, links to ACR/Contrast Media Manuals, Package inserts, etc..**

**6) All learning material(s) pertaining to MR Safety at:**

<https://www.mribuzz.com/to-learn-or-not-to-learn-is-that-really-a-question/>

**7) MOCK MRI / MRSO EXAMS at:**

<https://www.mribuzz.com/practice-mri-mrso-exams/>

**In summary:**

**1) I have compiled, organized, and provided:**

**A Comprehensive List of Suggested MRI/MRSO/SE/MD Prep Resources and Reading Materials for all students, examinees, and interested individuals - above -**

**2) I have additional practice MRI/MRSO Registry Prep Worksheets and Mock - Practice Exams and Notes, for everyone.**

**Please provide your email address(es) in the comment(s) section below so I can send them over to you.**

**3) This document, along with a PDF version of it, shall be treated as a living document that, continually, will invite, consider, and include suggested revision(s), update(s), and/or information pertaining to MRI/MRSO/SE/MD Exam Prep.**

**Please provide your suggestion(s) / feedback in the comment(s) section below**

**In particular, please help me find more authored texts / reading materials by Dr. [Emanuel Kanal](#) , because I have found his list of publication(s) to be very extensive / expansive. And I would like to make sure, I have accurate information at hand.**

**4) The aforementioned MRI/ MRSO/SE/MD Exam Prep Resources are-**

**SPECIFIC TO US EXAMINEES / DIPLOMATES**

**But they may also be helpful for all MR Imaging Professionals residing in other countries.**

**5) I have attached a PDF Version of My Suggested MRI/MRSO Exam Prep Resource(s) / Reading Materials, for all those who wish to save it for their perusal.**

Thank you for all your efforts in adding to safer, efficient imaging care, in the midst of this pandemic. Happy Learning Everyone...!

