



# MRI Remote Training



The Remote courses are Instructor-led classes that provide a combination of didactic education and hands-on practice with an expert Clinical Applications Specialist. The remote or virtual courses are conducted utilizing our Virtual Classrooms, Virtual Machines, and other training tools.



Courses with credits have been approved for Category A or A+ ASRT approved CE credits. All registered technologists who attend the entire course are eligible to receive CE credits. Total eligible CE credits are dependant on the duration of the course chosen.

These offerings are available through current training plans purchased with equipment or purchasable as separate offerings. Inquire upon registration.

Review the course descriptions that reflect the best solution and scan the QR code to schedule your next training.



\*Will need a GE Cares Account to Register, sign up here!

# Contents:

Select a course title to navigate to the corresponding course description page.

## **Beginner** ..... (2 Hours - 4 Days)

**1.5T Virtual HQ Class**

**Neuro Applications**

**MSK Imaging**

**Body Applications**

**Head & Neck MRA**

## **Advanced** ..... (2 - 4 Hours)

**Spectroscopy**

**CSF Flow Study**

**DSC Brain (Perfusion)**

**InHance Sequences**

**Breast Imaging**

**Diffusion Imaging**

**Contrast Timing Techniques**

**Prostate Imaging**

**Basic READYView Post-Processing**

**ARDL Protocol Optimization**

# Educational Virtual Courses

## 1.5T Virtual HQ Course

 **Beginner**  
(4 Days)



### Course Description:

This training program is a virtual system training course, the student attends remotely from the customer's facility, they will be trained virtually by a GE Healthcare MRI Clinical Education Trainer. The MRI Virtual 1.5T training program is designed to provide the attendee with the knowledge to operate GE 1.5T MRI systems and to successfully use the new applications.

The virtual course includes didactic and hands-on components. Attendees will learn how to Navigate and use the User Interface to register, scan and view an exam. Position patients and setup and position coils. Integrate the system user interface and in-room system features into the recommended user workflow. Apply new GE software applications to optimize image quality. Build site protocols into the site library of the GE MRI 1.5T system. Utilize system features to post process acquired exam data. Demonstrate newly acquired knowledge and skills through practice, self-check, and formal assessment.

### Who should attend this course?

This course is designed for Technologists with an MRI background. This course will also benefit MRI Technologists who are new to your facility or Technologists who are cross training into MRI.

This is a Technologist level class; however, Radiologists & Physicist's are always welcome

### Course Prerequisites:

Quiet space, desktop and/or laptop computer to include: internet access, audio, visual, headphones (optional), tablet, and mouse capabilities.

Completion of online prerequisite courses prior to the virtual class.\*\*



\*\*There are online courses that are prerequisites to the instructor-led training. As our curriculum follows a progressive pattern, it is essential that you complete the prerequisite courses before the instructor-led portion of the curriculum. The online component of the curriculum covers MRI Safety, MRI Physics, System Basics, PSD Concepts, Imaging Options, Scan Artifacts and provides Continuing Education (CE) credits.

## Quick Reference Icon Key:



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# Educational Virtual Courses

## Neuro Applications

 **Beginner**  
(4 Hours)

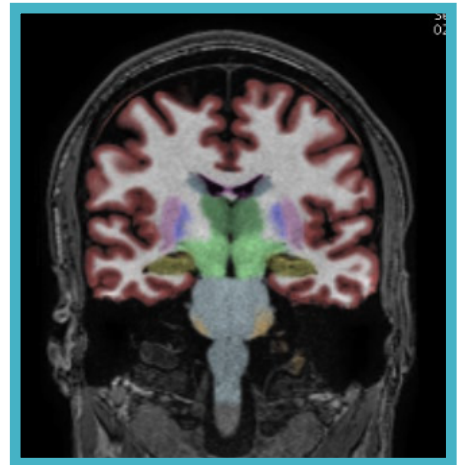


### Course description:

This 4 hour Remote Class includes instructor led and hands-on participation. The class will review the basic, new, and advanced sequences utilized for Brain and Spine imaging. We will discuss clinical use case examples, key parameters, and applicable imaging options. The class will also have hands-on practice of READYView post-processing applications used in Neuro imaging.

Participants who meet attendance requirements will be eligible for ASRT continuing education credits.

This class is conducted remotely from a Virtual MRI Lab.



### Who should attend this course?

This course is designed for Technologists with an MRI background.

This course will also benefit MRI Technologists who are new to your facility or Technologists who are cross training into MRI.

This is a Technologist level class; however, Radiologists & Physicist's are always welcome.

### Course Prerequisites:

Requirements for virtual training provided by the customer, include access to a conference room or quiet area, laptop or desktop

computer with mouse, camera & microphone, and internet access.

Attendees will join the class via a Teams meeting.

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# Educational Virtual Courses

## MSK Imaging

 **Beginner**  
(3 Hours)



### Course description:

This 3 hour Remote Class includes instructor led and hands-on participation. The class will review the basic, new, and advanced sequences utilized for Musculoskeletal imaging. We will discuss clinical use case examples, key parameters, applicable imaging options, patient positioning, and general workflow. The class will also have hands-on practice of post-processing applications used for MSK studies when applicable.

Participants who meet attendance requirements will be eligible for ASRT continuing education credits.

This class is conducted remotely from a Virtual MRI Lab.

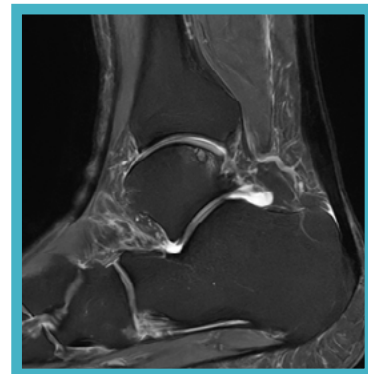
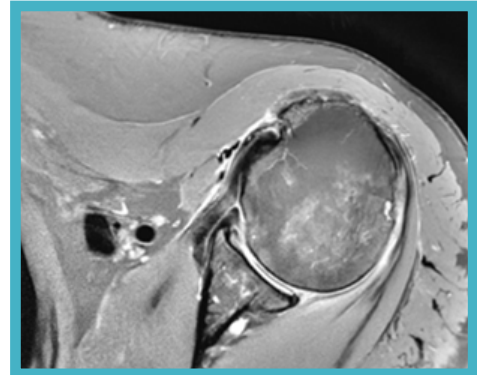
### Who should attend this course?

This course is designed for Technologists with an MRI background. This course will also benefit MRI Technologists who are new to your facility or Technologists who are cross training into MRI.

This is a Technologist level class; however, Radiologists & Physicist's are always welcome.

### Course Prerequisites:

Requirements for virtual training provided by the customer, include access to a conference room or quiet area, laptop or desktop computer with mouse, camera & microphone, and internet access. Attendees will join the class via a Teams meeting.



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# Educational Virtual Courses

## Body Applications

 **Beginner**  
(3.5 Hours)

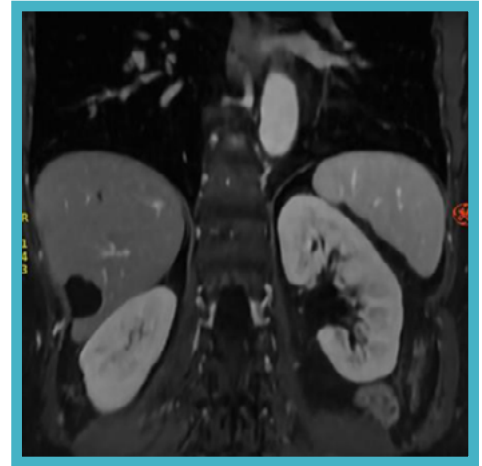


### Course description:

This 3.5 hour Remote Class includes instructor led and hands-on participation. The class will review the basic, new, and advanced sequences utilized for Abdomen and Pelvis imaging. We will discuss clinical use case examples, key parameters, and applicable imaging options. The class will also have hands-on practice of READYView post-processing applications used in Body imaging.

Participants who meet attendance requirements will be eligible for ASRT continuing education credits.

This class is conducted remotely from a Virtual MRI Lab.



### Who should attend this course?

This course is designed for Technologists with an MRI background. This course will also benefit MRI Technologists who are new to your facility or Technologists who are cross training into MRI.

This is a Technologist level class; however, Radiologists & Physicist's are always welcome.

### Course Requirements:

Requirements for virtual training provided by the customer, include access to a conference room or quiet area, laptop or desktop computer with mouse, camera & microphone, and internet access. Attendees will join the class via a Teams meeting.

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# Educational Virtual Courses

## Head & Neck MRA

 **Beginner**  
(2 Hours)



### Course description:

This 2 hours Remote Class includes instructor led and hands-on introduction to the basic, new, and advanced sequences utilized for Neurovascular imaging. Sequences used for HEAD and Neck MRA and MRV will be covered. We will outline general guidelines for selecting parameters. This module includes an introduction to basic post-processing of MRA & MRV exams utilizing Session Apps and READYView on the scanner console or VM. Participants who meet attendance requirements will be eligible for ASRT continuing education credits.

This class is conducted remotely from a Virtual MRI Lab.

### Who should attend this course?

This course is designed for Technologists with an MRI background. This course will also benefit MRI Technologists who are new to your facility or Technologists who are cross training into MRI.

This is a Technologist level class; however, Radiologists & Physicist's are always welcome.

### Course Requirements:

Requirements for virtual training provided by the customer, include access to a conference room or quiet area, laptop or desktop computer with mouse, camera & microphone, and internet access. Attendees will join the class via a Teams meeting.



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# Educational Virtual Courses

## Spectroscopy

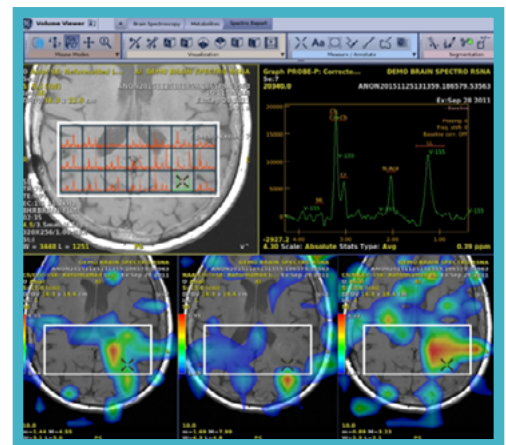
 **Advanced**  
(3.5 Hours)



### Course description:

This 3.5 hours Remote Class includes instructor led and hands-on participation. The class will introduce and discuss Spectroscopy sequences and clinical use cases. We will outline general guidelines for selecting key parameters, and applicable imaging options. We will instruct and demonstrate 2D Single Voxel, 2D Multi-Voxel, and 3D Multi-Voxel Spectroscopy. The class will also have hands-on practice of Spectroscopy post-processing with READYView. Participants who meet attendance requirements will be eligible for ASRT continuing education credits.

This class is conducted remotely from a Virtual MRI Lab.



### Who should attend this course?

This course is designed for Technologists with an MRI background. This course will also benefit MRI Technologists who are new to your facility or Technologists who are cross training into MRI.

This is a Technologist level class; however, Radiologists & Physicist's are always welcome.

### Course Requirements:

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# Educational Virtual Courses

## CSF Flow Study

 **Advanced**  
(2 Hours)



### Course description:

This 3.5 hours Remote Class includes instructor led and hands-on participation. The class will introduce and discuss CSF Flow Imaging sequences and clinical use cases. We will outline general guidelines for selecting key parameters, and applicable imaging options. We will instruct and demonstrate CINE Vascular & Fast 2D PC sequences for visualization and quantification. The class will also have hands-on practice of CSF Flow Analysis post-processing.

Participants who meet attendance requirements will be eligible for ASRT continuing education credits.

This class is conducted remotely from a Virtual MRI Lab.

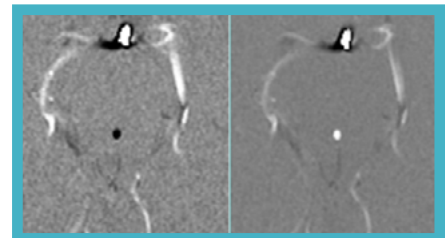
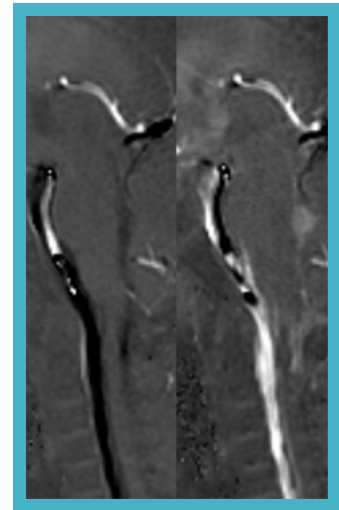
### Who should attend this course?

This course is designed for Technologists with an MRI background. This course will also benefit MRI Technologists who are new to your facility or Technologists who are cross training into MRI.

This is a Technologist level class; however, Radiologists & Physicist's are always welcome.

### Course Requirements:

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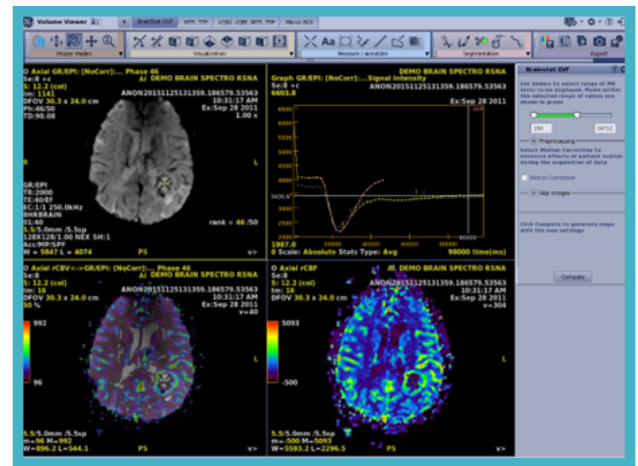
## DSC Brain (Perfusion)

 **Advanced**  
(3.5 Hours)



### Course description:

This 3.5 hours Remote Class includes instructor led and hands-on participation. The class will introduce and discuss Brain Perfusion Imaging (Dynamic Susceptibility of Contrast) sequences and clinical use cases. We will outline general guidelines for selecting key parameters, and applicable imaging options. We will instruct and demonstrate GRE EPI & SE EPI for contrast enhanced studies, and 3D ASL for non-contrast enhanced studies. The class will also have hands-on practice of Perfusion data post-processing utilizing the BrainStat application. Participants who meet attendance requirements will be eligible for ASRT continuing education credits.



This class is conducted remotely from a Virtual MRI Lab.

### Who should attend this course?

This course is designed for Technologists with an MRI background. This course will also benefit MRI Technologists who are new to your facility or Technologists who are cross training into MRI.

This is a Technologist level class; however, Radiologists & Physicist's are always welcome.

### Course Requirements:

Requirements for virtual training provided by the customer, include access to a conference room or quiet area, laptop or desktop computer with mouse, camera & microphone, and internet access. Attendees will join the class via a Teams meeting.

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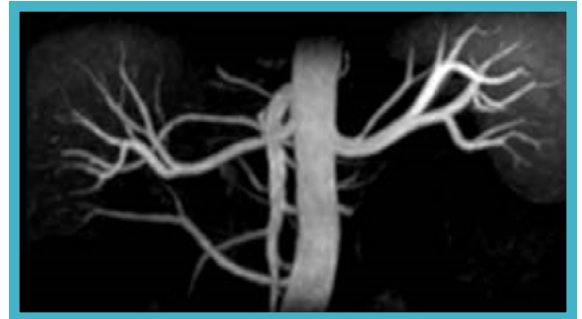
## InHance Sequences

 **Advanced**  
(2.5 Hours)



### Course description:

This 2.5 hours Remote Class includes instructor led and hands-on participation. The class will introduce and discuss the InHance family of non-contrast MRA sequences and clinical use cases. We will outline general guidelines for selecting key parameters, and applicable imaging options. We will instruct and demonstrate 3D IFIR, 2D Inflow, 3D Velocity, and 3D Delta Flow non-contrast enhanced studies. The class will also have hands-on practice of post-processing the studies scanned.



Participants who meet attendance requirements will be eligible for 2.5 ASRT continuing education credits.

This class is conducted remotely from a Virtual MRI Lab.

### Who should attend this course?

This course is designed for Technologists with an MRI background. This course will also benefit MRI Technologists who are new to your facility or Technologists who are cross training into MRI.

This is a Technologist level class; however, Radiologists & Physicist's are always welcome.

### Course Requirements:

Requirements for virtual training provided by the customer, include access to a conference room or quiet area, laptop or desktop computer with mouse, camera & microphone, and internet access. Attendees will join the class via a Teams meeting.

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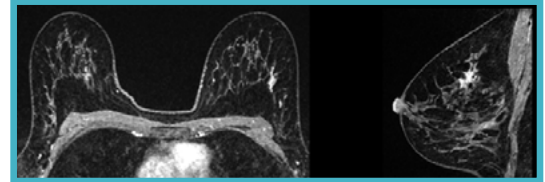
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# Educational Virtual Courses

## Breast Imaging

 **Advanced**  
(3 Hours)



### Course description:

This 3 hour Remote Class includes instructor led and hands-on participation. The class will review the basic, new, and advanced sequences utilized for Breast imaging. We will discuss clinical use case examples, key parameters, applicable imaging options, patient positioning, and general workflow. The class will also have hands-on practice of post-processing applications used for Breast studies.

Participants who meet attendance requirements will be eligible for ASRT continuing education credits.

This class is conducted remotely from a Virtual MRI Lab.

### Who should attend this course?

This course is designed for Technologists with an MRI background. This course will also benefit MRI Technologists who are new to your facility or Technologists who are cross training into MRI.

This is a Technologist level class; however, Radiologists & Physicist's are always welcome.

### Course Requirements:

Requirements for virtual training provided by the customer, include access to a conference room or quiet area, laptop or desktop computer with mouse, camera & microphone, and internet access. Attendees will join the class via a Teams meeting.

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# Educational Virtual Courses

## Diffusion Imaging

 **Advanced**  
(3 Hours)



### Course description:

This 3 hours Remote Class includes instructor led and hands-on participation. The class will review the Diffusion Sequences and Imaging in various anatomies. The class modules will cover Diffusion sequences, DWI Options, Diffusion Gradients, b-Values, Image characteristics, and all associated image parameters. The class will also have hands-on practice of post-processing Auto & Manual ADC and eADC Maps, Fibertrak, and Saving Functional Maps.

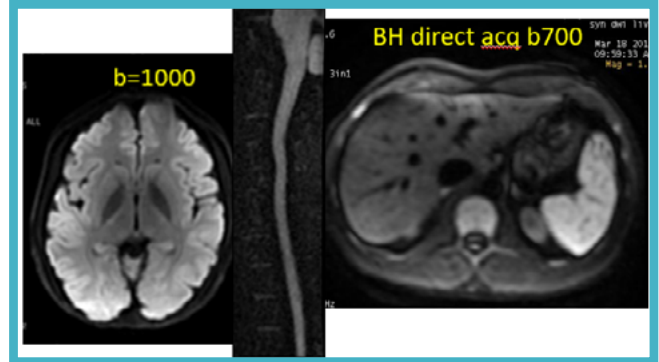
Participants who meet attendance requirements will be eligible for ASRT continuing education credits.

This class is conducted remotely from a Virtual MRI Lab.

### Who should attend this course?

This course is designed for Technologists with an MRI background. This course will also benefit MRI Technologists who are new to your facility or Technologists who are cross training into MRI.

This is a Technologist level class; however, Radiologists & Physicist's are always welcome.



### Course Requirements:

Requirements for virtual training provided by the customer, include access to a conference room or quiet area, laptop or desktop computer with mouse, camera & microphone, and internet access. Attendees will join the class via a Teams meeting.

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# Educational Virtual Courses

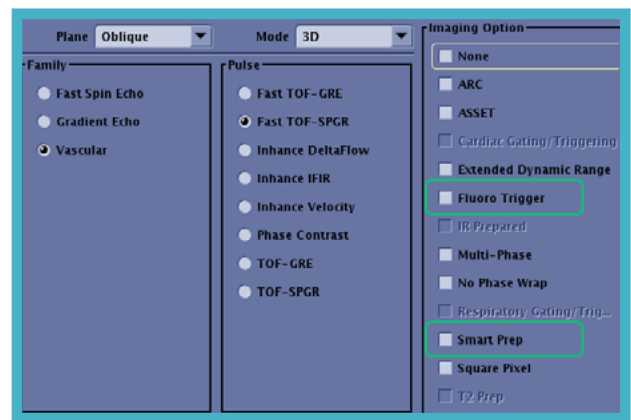
## Contrast Timing Techniques

 **Advanced**  
(2 Hours)



### Course description:

This 2 hour Remote Class includes instructor led and hands-on participation. The class will review the Fluoro Trigger and Smart Prep applications utilized for Contrast Timing. We will discuss clinical use case examples, key parameters, applicable imaging options, setup, and general workflow. The class will also have hands-on scanning and set-up practice with mock injections. Participants who meet attendance requirements will be eligible for ASRT continuing education credits.



This class is conducted remotely from a Virtual MRI Lab.

### Who should attend this course?

This course is designed for Technologists with an MRI background. This course will also benefit MRI Technologists who are new to your facility or Technologists who are cross training into MRI.

This is a Technologist level class; however, Radiologists & Physicist's are always welcome.

### Course Requirements:

Requirements for virtual training provided by the customer, include access to a conference room or quiet area, laptop or desktop computer with mouse, camera & microphone, and internet access. Attendees will join the class via a Teams meeting.

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# Educational Virtual Courses

## Prostate Imaging

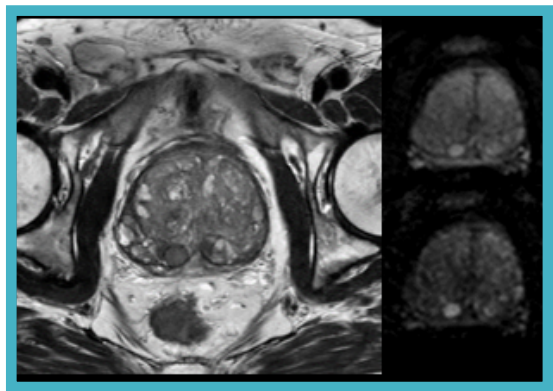
 **Advanced**  
(2.5 Hours)



### Course description:

This 2.5 hour Remote Class includes instructor led and hands-on participation. The class will review the sequences utilized for Prostate imaging. We will discuss clinical use case examples, key parameters, applicable imaging options, general workflow of a Prostate study, and PI-RADS guidelines. The class will also have hands-on practice of READYView post-processing applications used in Prostate imaging. Participants who meet attendance requirements will be eligible for ASRT continuing education credits.

This class is conducted remotely from a Virtual MRI Lab



### Who should attend this course?

This course is designed for Technologists with an MRI background. This course will also benefit MRI Technologists who are new to your facility or Technologists who are cross training into MRI.

This is a Technologist level class; however, Radiologists & Physicist's are always welcome.

### Course Requirements:

Requirements for virtual training provided by the customer, include access to a conference room or quiet area, laptop or desktop computer with mouse, camera & microphone, and internet access. Attendees will join the class via a Teams meeting.

### Quick Reference Icon Key:



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# Educational Virtual Courses

## Basic READYView Post-Processing

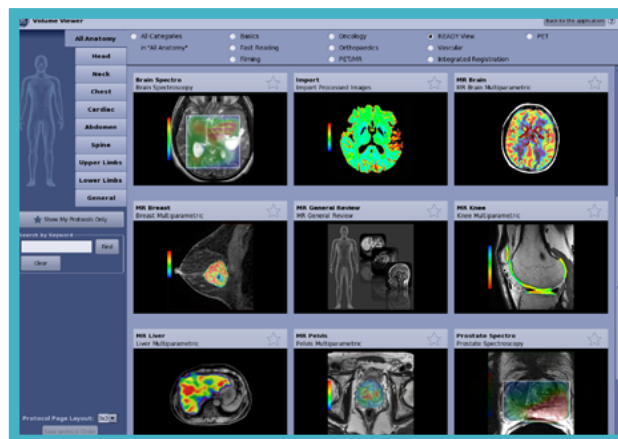
 **Advanced**  
(3.5 Hours)



### Course description:

This 3.5 hours Remote Class includes instructor led and hands-on participation. The class will review the READYView Application and various types of post-processing. The class will also have hands-on practice of post-processing applications such as Reformat, MRA MIP, Volume Rendering, AutoSelect, Saving processed images, Auto & Manual ADC and eADC Maps, Saving Functional Maps. The class will also cover post-processing of SWAN and Starmap sequences.

Participants who meet attendance requirements will be eligible for ASRT continuing education credits.



This class is conducted remotely from a Virtual MRI Lab.

### Who should attend this course?

This course is designed for Technologists with an MRI background. This course will also benefit MRI Technologists who are new to your facility or Technologists who are cross training into MRI.

This is a Technologist level class; however, Radiologists & Physicist's are always welcome.

### Course Requirements:

Requirements for virtual training provided by the customer, include access to a conference room or quiet area, laptop or desktop computer with mouse, camera & microphone, and internet access. Attendees will join the class via a Teams meeting.

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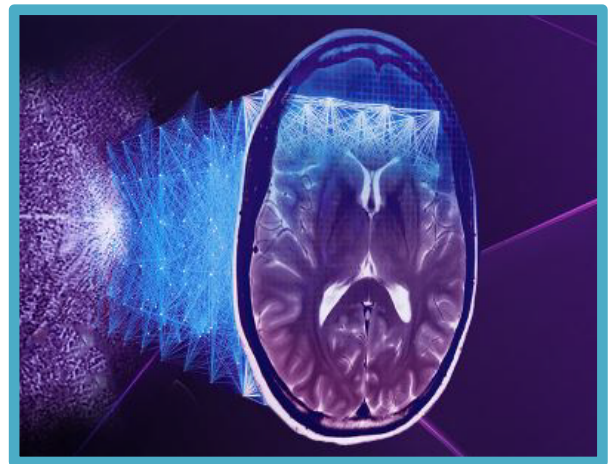
## ADRL Protocol Optimization

 **Advanced**  
(2.5 Hours)



### Course description:

This 2.5 hours Remote Class includes instructor led and hands-on participation. The class will review the ARDL Application, compatible sequences, and offer instructions on how to optimize the parameters in your protocols to best utilize this feature. We will discuss clinical use case examples, key parameters, applicable imaging options, and general workflow while editing a protocol. The class will also have hands-on practice editing and saving protocols in our Virtual Lab. Participants who meet attendance requirements will be eligible for ASRT continuing education credits.



This class is conducted remotely from a Virtual MRI Lab.

### Who should attend this course?

This course is designed for Technologists with an MRI background. This course will also benefit MRI Technologists who are new to your facility or Technologists who are cross training into MRI.

This is a Technologist level class; however, Radiologists & Physicist's are always welcome.

### Course Requirements:

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**Register for Remote Courses in GE Cares | Contact TiP Applications for pricing and scheduling information.  
Phone: 1-800-682-5327, press 2 then 3 | Email: [TiPHQClass@ge.com](mailto:TiPHQClass@ge.com)**