

Virtual VIR Shadowing Curriculum

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Overview

This curriculum defines the expectations and requirements for individuals who wish to receive hours of virtual shadowing in the field of vascular interventional radiology accredited by the West Coast Vascular and Interventional Radiology symposium (WCVIR).

Definitions

Shadowing is broadly defined as the arrangement when an individual interested in learning more about medical practice (the shadow) observes the process of a healthcare professional providing health care to patients either in real-time or through case review in a one-on-one or group setting in a remote or local limited experience, free of charge and without compensation. The mentor is the attending physician or resident that is providing care to patients and being observed by the shadow or is leading the case review for the shadows.

Expectations for Shadows

Shadows may participate and perform activities that are documented in this curriculum with the approval of the health care professional mentor, as long as it is within accordance with AAMC shadowing guidelines (see attached). Shadows must follow all rules and regulations at the mentor's institution while shadowing, particularly related to HIPAA and protected patient health information.

Shadows are at minimum expected to:

- Review a case in vascular interventional radiology with a mentor, as described below
- Participate actively in case presentation, ask questions and demonstrate interest in material from the perspective of the health care professional mentor
- Score a passing grade (70%+) on a multiple choice examination given after the case presentation on relevant material emphasized during the case.

Shadows are encouraged to form long term relationships with their mentors and participate in multiple shadowing opportunities with the same mentor to get the most benefit.

Expectations for Mentors

For this shadowing experience, mentors must be an attending physician in vascular interventional radiology or a fellow/resident in a radiology / vascular interventional radiology training track. We recommend attending physicians conduct or oversee the experience.

Mentors are at minimum expected to review a case in vascular interventional radiology with the shadows that includes:

- Clinical presentation of patient
- Pre-intervention imaging, labs
- Clinical decision making including alternative strategies to intervention and long-term care plan
- Procedure performed, including general overview of steps with accompanying imaging
- Intra-op or post-op complications
- Post-op recovery period
- Clinical follow-up, or plan for clinical follow-up

These shadowing experiences may be 1:1 if possible, but may also be small group discussion up to the mentors discretion about what size of audience would constitute an effective

discussion of the case. At a maximum, 20 shadows are permitted at one time during a shadowing experience.

We recommend that mentors conduct separate shadowing experiences for medical students and for non-medical students. Medical students may be expected to have more clinical, anatomic, and procedural knowledge, and thus could uniquely benefit from shadowing experiences with other medical students and attendings. We recommend that medical student shadowing groups involve 3-6 shadows per mentor. Non-medical student groups may be larger with around 10 shadows per mentor. In either case, the maximum group size is 20 shadows for shadowing credit to be awarded.

At the conclusion of the shadowing experience, if the shadow actively participated in the case discussion and followed the appropriate rules and regulations during their shadow experience, the mentors are required to sign a document indicating that the shadow completed their hours.

Multiple Choice Examination

At the conclusion of the shadowing experience, the shadow will take a brief multiple choice quiz (15 minutes maximum) that will be written by a medical student with the case being presented. A passing grade (>70%) on the quiz is required for hours to be certified.

Certification

Shadows will be granted a minimum of one hour of shadowing if the above requirements are met, and can be granted additional hours for time spent in discussion or other shadowing experiences pending approval of the healthcare professional mentor.

AAMC Guidelines for Clinical Shadowing Experiences

<https://www.aamc.org/system/files/c/2/356316-shadowingguidelines2013.pdf>

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