



Educational Rationale:

Interventional Radiology is a minimally invasive, image-guided specialty that contributes to the diagnosis and treatment of a wide range of conditions across multiple organ systems. Despite its clinical relevance, many medical students graduate with limited understanding of IR's scope, indications, and procedural principles.

IR Pathway addresses this gap by offering:

- Early exposure to IR concepts for pre-clinical students
- Practical preparation for radiology and IR clinical rotations
- Career exploration support for students interested in procedural or imaging-based specialties
- Clear explanations of clinical decision-making and patient-centered procedural care

Alignment with Augusta University's Mission:

Augusta University's mission emphasizes **excellence in teaching, student-centered learning, innovation, inclusivity, and leadership in health sciences education**. IR Pathway aligns with these priorities by:

- Supporting **educational excellence** through structured, clinically relevant IR content
- Promoting **student-centered, self-directed learning** via on-demand digital resources
- Incorporating **innovative educational methods** that reflect modern medical practice

Core Educational Topics:

IR Pathway covers foundational and introductory IR topics relevant to medical students, including:

- Introduction to Interventional Radiology and its clinical role
 - Principles of image-guided, minimally invasive procedures
 - Basic procedural concepts (vascular access, needle handling, drain placement)
 - Orientation to the IR suite and multidisciplinary team roles
 - Patient safety, radiation awareness, and complication prevention
 - Updates about CME opportunities and guidance for applying for national and international scholarships and grants
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Proposed Integration:

It is proposed that IR Pathway be included as a recommended resource within:

- Medical College of Georgia student learning platforms
 - Radiology clerkship and elective orientation materials
 - Career exploration resources and student interest group activities
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Accessing IR Pathway Educational Resources:

➤ **YouTube channel** (*free videos in English & Arabic organized in playlists*):

www.youtube.com/@IRPathway

➤ **Social media** (*channel updates, announcements about CME courses, scholarships & grants*):

www.facebook.com/irpathway

www.instagram.com/ir_pathway

www.x.com/IR_Pathway

➤ **Online Notes** (*updated regularly to follow released YouTube videos*):

<https://heyzine.com/flip-book/a1467452cf.html>