

1. Record Nr.	UNINA9910624392703321
Titolo	Image-Based Teaching : Techniques, Tips and Tricks / / edited by Tara Catanzano
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	9783031118906 9783031118890
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (299 pages)
Disciplina	297.576 616.07570711
Soggetti	Radiology Medical education Medical Education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Brain friendly learning -- Teaching and communicating with millennial learners -- Engaging medical students and Generation Z -- Helping non-teaching faculty to teach (central tenants) -- Teaching patients and clinicians -- Art and drawing in radiology education -- Workstation teaching -- Optimizing PowerPoint for radiology education -- Writing high quality MCQ questions -- Leveraging technology (e.g., Audience Response System) -- Flipped classroom approaches -- Gaming in radiology education -- Teaching procedure skills -- Simulation (sim lab and in the conference room) -- Teaching quality, safety, and professionalism -- Teaching research techniques and critical assessment of the literature -- Teaching the next generation of teachers (residents and fellows) -- Social Media in radiology education -- Lessons learned from COVID (remote teaching techniques).
Sommario/riassunto	This book offers detailed information on a variety of teaching techniques for radiology. Generational differences in communication and adult learning theory have led to changes in educational content delivery. Traditional didactic teaching methods are no longer embraced by students, requiring educators to learn and adopt new techniques.

Radiologists currently in practice have little or no experience with these newer techniques, some thrust upon them abruptly by the COVID pandemic. In addition to practicing radiologists, the next generation of educators are currently in training and often do not receive instruction on educational theory and teaching techniques. It is incumbent upon members of the educational sphere to provide resources for these individuals. This work intends to provide just such a resource. The objectives of the book include: Explaining adult learning theory and brain-friendly teaching Describing teaching techniques to leverage brain-friendly teaching Reinforcing key points with links to online video-based lectures as an accompaniment to the text Topics covered across chapters include helping non-teaching faculty to teach, writing high quality MCQ questions, and teaching quality, safety, and professionalism. Each chapter will have one “key takeaway” chart at the conclusion of the chapter with high-yield key points highlighted in a bulleted format. This is an ideal guide for practicing radiologists, including those not currently working in academic centers. Faculty in non-academic centers can specifically benefit from chapters related to medical student, clinician and patient education. Future academic radiologists (i.e., fellows and residents) can benefit from the text as a foundation for careers in teaching hospitals and academic medical centers.
