



COLLEGE OF MEDICINE TUCSON  
Medical Imaging

# Grand Rounds

## Pneumonia for the General Radiologist



- ▶ Friday, Nov. 8, 2024
- ▶ 12 Noon – 1 pm
- ▶ COM-T 2117

Zoom Link:

<https://arizona.zoom.us/j/89046999463>

Text Attendance Code **47199** to (866) 327-3062

**Santiago Martinez-Jimenez, MD, FACR**, is a thoracic radiologist with more than 20 years of experience in the field. He is currently a Professor of Radiology at NYU Grossman School of Medicine (NYU Langone Health) and before that he worked for 15 years with the Saint Luke's Health System in Kansas City, affiliated with the University of Missouri - Kansas City.

Dr. Martinez is a trained cardiothoracic radiologist from Duke University Medical Center, where he spent the initial part of his career in the USA as an Assistant Professor of Radiology following his fellowship.

Dr. Martinez has more than 65 peer reviewed publications and has participated as a coauthor and/or as a senior editor in more than 8 recognized textbooks in the field cardiothoracic radiology. He is one of the senior editors for Elsevier Editorial in thoracic radiology.

### Session Objectives:

- 1) Review pertinent radiologic appearance of pulmonary infections
- 2) Recognize imaging challenges and strategies to minimize failure
- 3) Discuss non-imaging tools used by clinicians and of benefit for the radiologist

### Abstract:

Although pneumonia is very common in daily practice, it can be frustrating to approach it from the radiologic perspective. Overall, it is accepted that the gold standard for the diagnosis of pneumonia is the chest radiograph. However, the role of the radiologist is oftentimes limited to describe if consolidation is present or not. The purpose of this talk is to promote the diagnosis of pneumonia to new standards in which radiologists have a more determinant role. For example, when radiologists can suggest certain types of microorganisms in regard to certain patterns or what elements in the electronic medical record can and should be meaningful when interpreting an imaging study. The talk also covers certain situations in which the diagnosis of pneumonia can be obscured; recognizing these scenarios may be helpful to minimize failed diagnosis.

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