

## Imaging on Teleradiology in Pulmonology

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### Image Article

Teleradiology is the transmission of radiological patient pictures, like x-rays, CTs, and MRIs, starting one location to another for the reasons for imparting studies to different radiologists and doctors. Teleradiology is a development innovation given that imaging systems are growing roughly 15% every year against an increment of just 2% in the radiologist populace [1].

Teleradiology permits radiologists to offer types of assistance without really being at the area of the patient. This is especially significant when a sub-expert like a MRI radiologist, neuroradiologist, pediatric radiologist, or musculoskeletal radiologist is required, since these experts are for the most part just situated in enormous metropolitan regions working during daytime hours. Teleradiology takes into consideration prepared experts to be available 24/7.

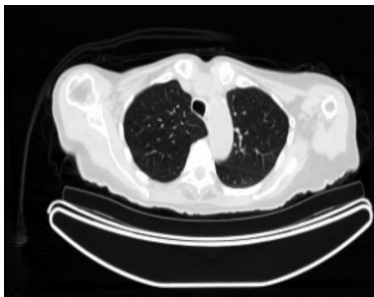


Figure 1: Image showing patient chest is displayed through teleradiology.

Teleradiology uses standard network technologies, for example, telephone lines, internet, local area network (LAN) wide area network (WAN), and the latest high tech being computer clouds. Particular programming is utilized to transmit the images and empower the radiologist to actually investigate what can be many images for a given report. Innovations, for example advanced graphics processing, voice acknowledgment, artificial intelligence and image compression are frequently utilized in teleradiology. Through teleradiology and portable DICOM viewers, images can be sent to another part of the hospital or to other locations around the world [2] (Figure 1).

### References

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2. Jr Bradley GM (2021) Teleradiology. Neuroimaging Clin N Am 22: 511-517.

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