

AI-Rad Companion Chest X-ray

The aide for chest X-ray interpretation

AI-powered cloud-based radiology reading aide

AI-Rad Companion Chest X-ray automatically characterizes radiographic findings for a valid chest scan in the lung and pleura. It works as a concurrent reader to support radiologists in differential diagnosis and clinical decision-making. It's capable of characterizing lesions (nodules, masses, and granuloma), pneumothorax, consolidation, atelectasis, and pleural effusions.

AI-Rad Companion Chest X-ray not only characterizes the findings, it also automatically highlights certain findings and links them to the appropriate pulmonary anatomy. This helps the radiologist by acting as a concurrent or second reader and may lead to workflow efficiency.

AI-Rad Companion Chest X-ray can:

- Help radiologists save time by highlighting findings and supporting them in accurate decision-making.
- Process upright PA digital DICOM chest images.

Less time for more tasks



In today's fast-paced healthcare environment, radiologists have to deal with an increasing demand to deliver more accurate and more precise clinical outcomes. Studies have shown that the growing number of images that need to be read in the same amount of time increases the potential for reporting errors¹.

AI-Rad Companion Chest X-ray utilizes artificial intelligence-augmented workflow automation that may help reduce the burden of basic, repetitive tasks by implementing a concurrent reader.

It is a cloud-based platform that will support a wide variety of image interpretation tools and workflows.

Automated reading aide



Integrated into your workflow, AI-Rad Companion Chest X-ray can assist radiologists by automatically characterizing and highlighting abnormalities on PA chest X-ray studies. The AI-Rad Companion Chest X-ray can also:

- Highlight the locations of pneumothorax and pulmonary lesions in the findings report.
- Generate PACS-ready objects that summarize the radiographic findings and that are then automatically routed to the PACS upon confirmation by the user.

Purchasing options

AI-Rad Companion is available as a trial license for 90 days. After the 90-day trial the customer can purchase AI-Rad Companion using our subscription-based software as a service (SaaS) model. AI-Rad Companion is available as a subscription with different tiers based on the number of cases processed. You can purchase access to the extensions, which are only available in conjunction with the AI-Rad Companion Engine. The services are provisioned per institution. Users affiliated with your institution can access the tool if authorized by the administrator of the institution. Installation and use of the teamplay digital health platform is a prerequisite for using AI-Rad Companion.

Next steps

[➔ Contact us for more details](#) or [➔ request a trial](#).



Siemens Healthineers Headquarters

Siemens Healthcare GmbH
Henkestr. 127
91052 Erlangen, Germany
Phone: +49 9131 84-0
siemens-healthineers.com

¹Berlin, L. "Faster Reporting Speed and Interpretation Errors: Conjecture, Evidence, and Malpractice Implications."

AI-Rad Companion Chest X-ray is currently under development; it is not for sale in the United States and other countries.