

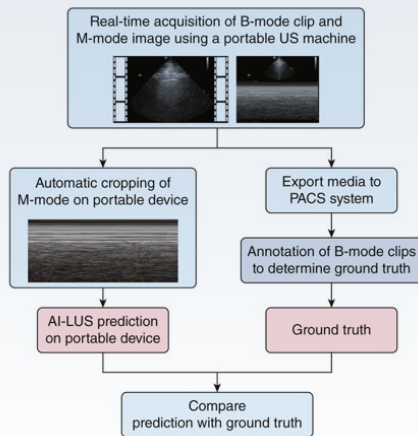
In Patients With Suspected Pneumothorax, What Is the Real-Time Diagnostic Accuracy of AI-LUS to Recognize the Absence of Lung Sliding?

STUDY DESIGN

- Prospective artificial intelligence (AI)-assisted diagnostic accuracy study of AI-lung ultrasound (LUS) to recognize the absence of lung sliding
- 241 lung sliding evaluations from 62 patients

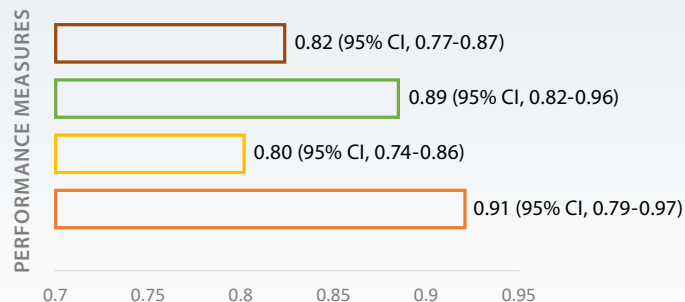
RESULTS

Study workflow outlining real-time image acquisition model evaluation



AI-LUS Diagnostic Performance

■ Accuracy ■ AUC ■ Specificity ■ Sensitivity



This study showed that real-time AI-LUS has high sensitivity and moderate specificity to identify the absence of lung sliding. Further research to improve model performance and optimize the integration of AI-LUS into existing diagnostic pathways is warranted.