

Lung Ultrasound Protocol for
COVID-19 Diagnosis



TRANSDUCERS FOR LUNG SCANNING

Convex



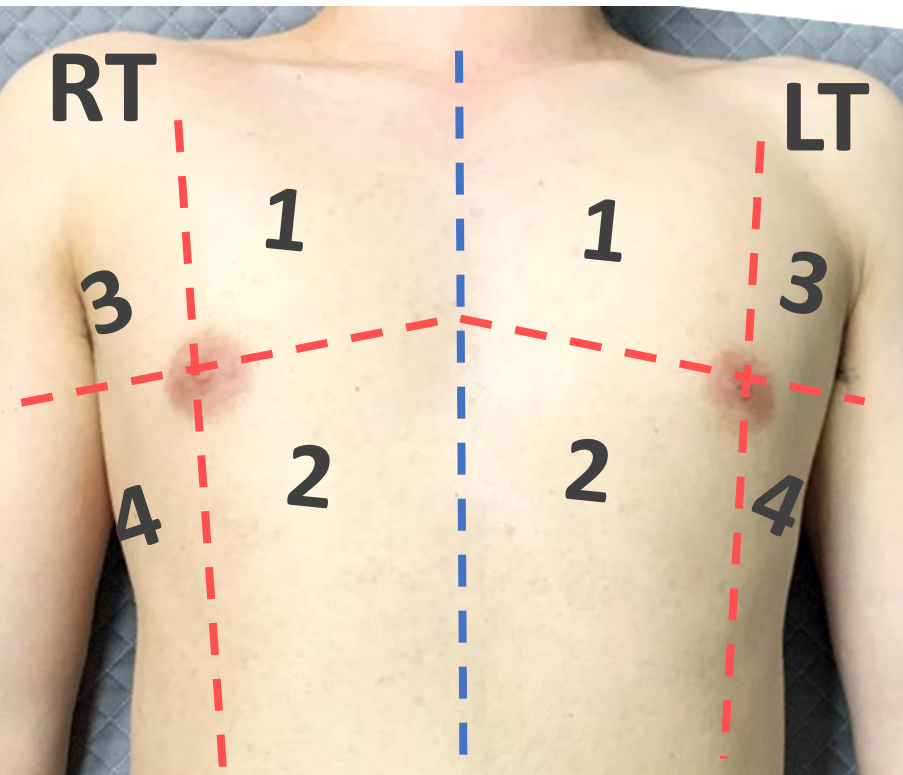
C1-6T

Linear

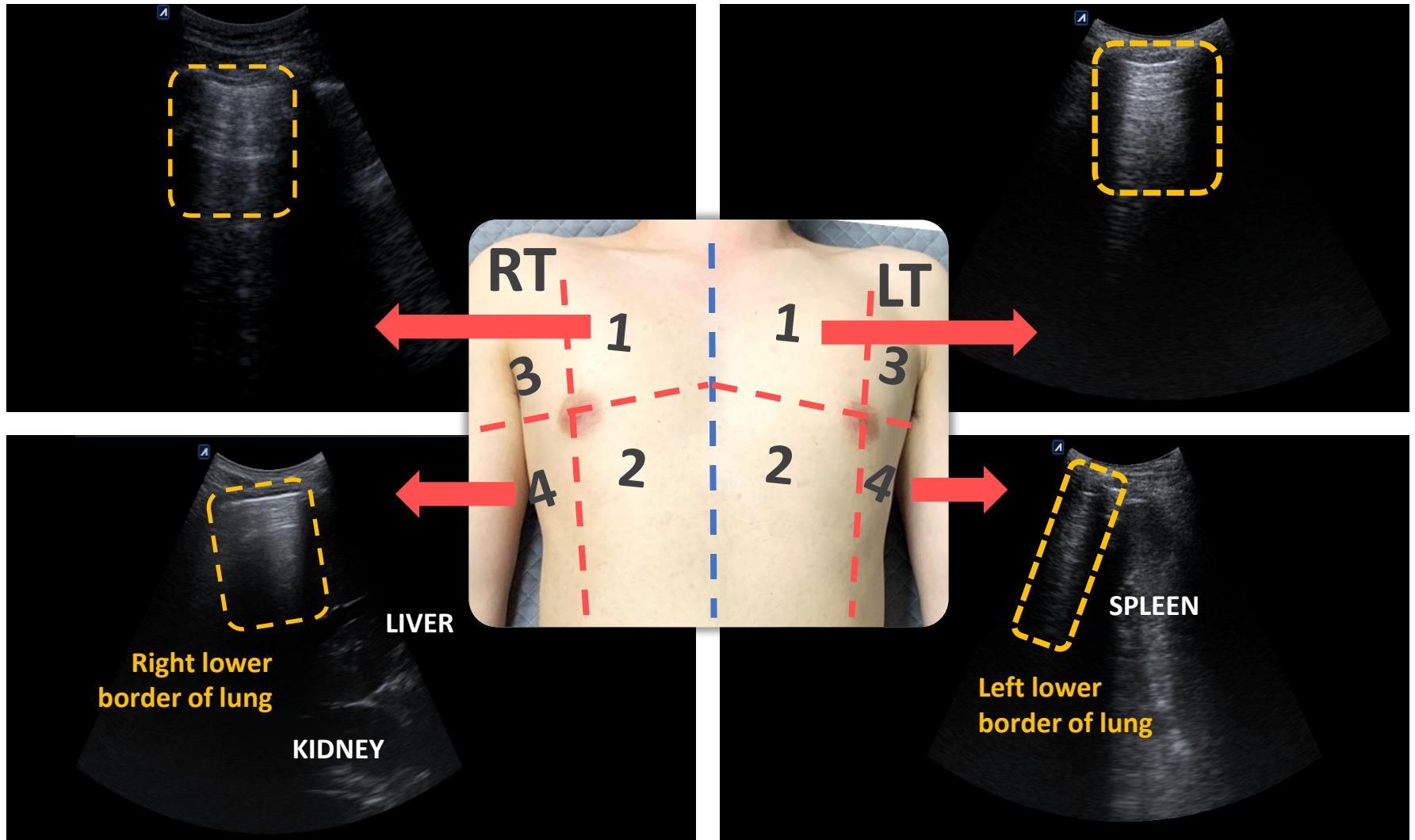


L3-12T

Lung Scanning Parts



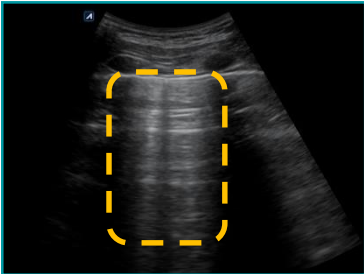
Lung Scanning Parts



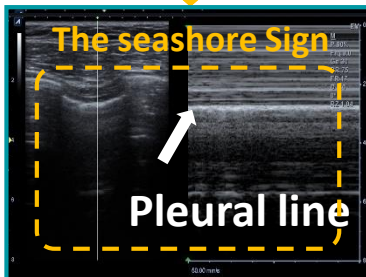
Diagnosis Process

Lung Scan

Artifact A-Line

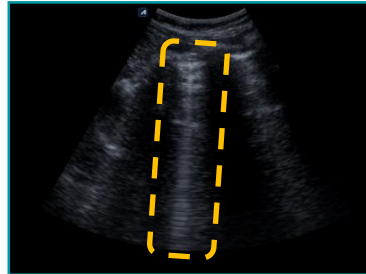


M-Mode



Normal

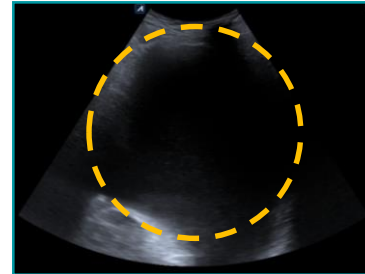
Artifact B-Line



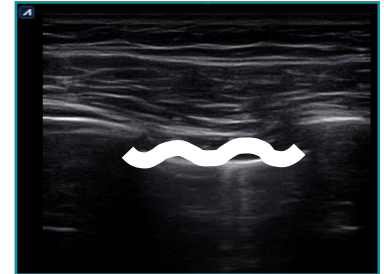
M-Mode



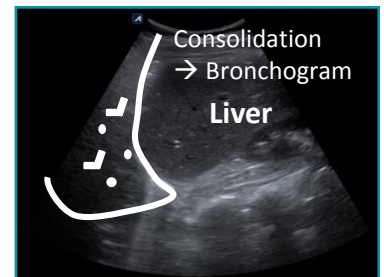
Pleural Effusion



Others



Irregular & Thickening
Pleural Line



Consolidation

Potential Diseases

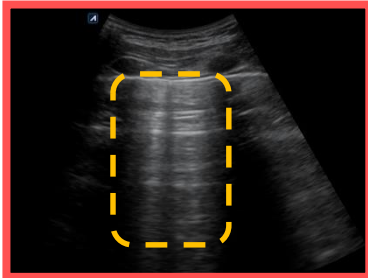
- Pneumothorax
- Pulmonary Consolidation
- Pulmonary Edema

A-Line Example #01

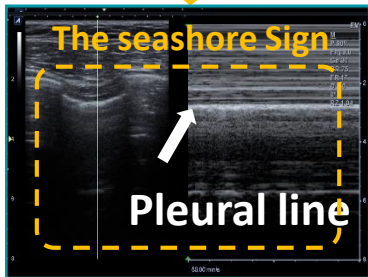
Lung Scan



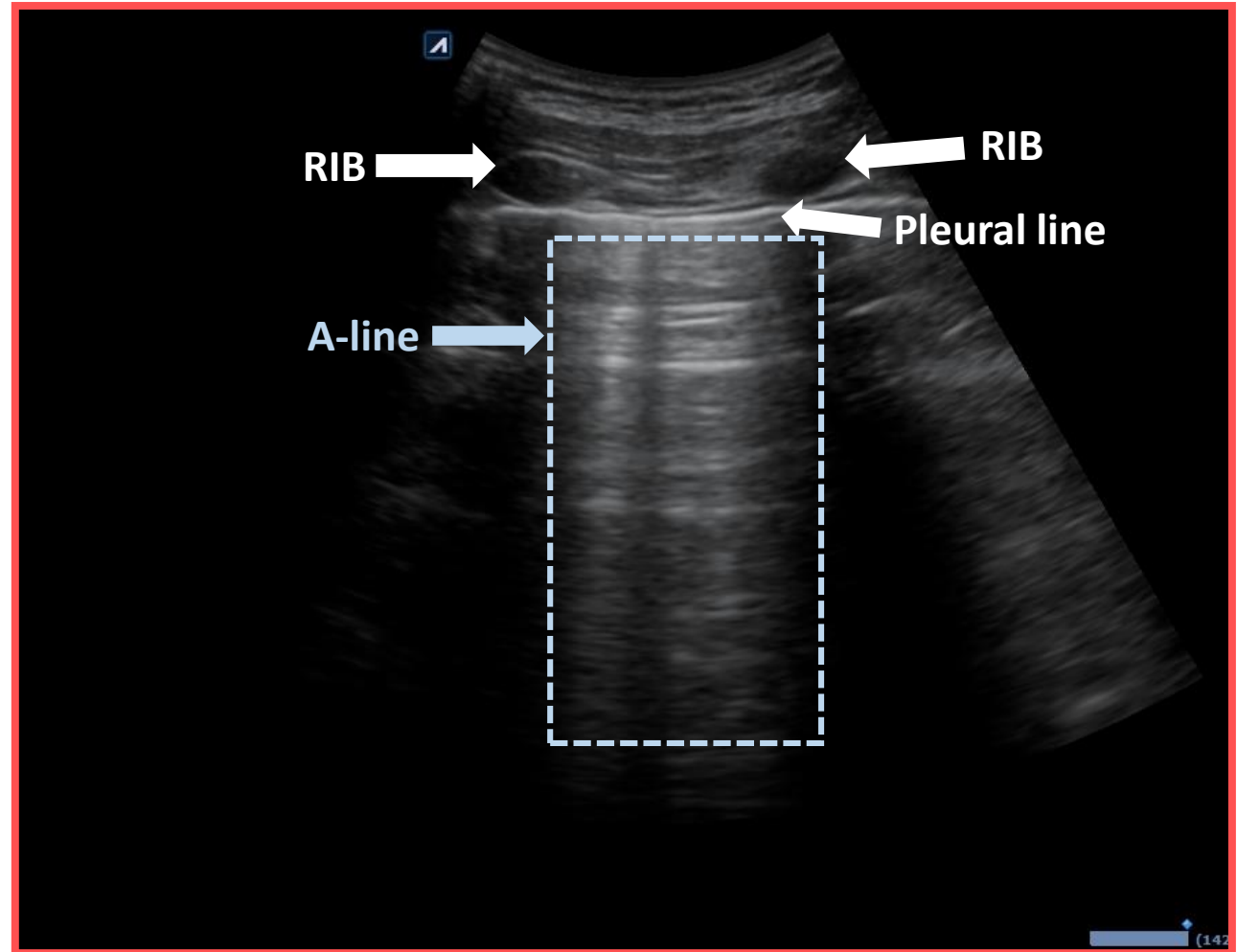
Artifact A-Line



M-Mode



Normal

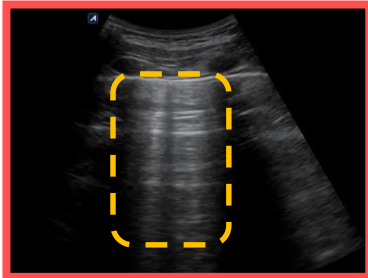


A-Line Example #02

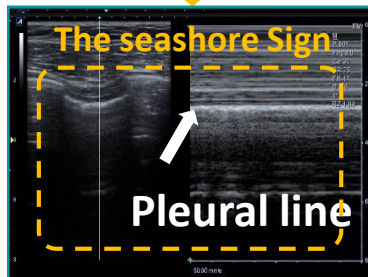
Lung Scan



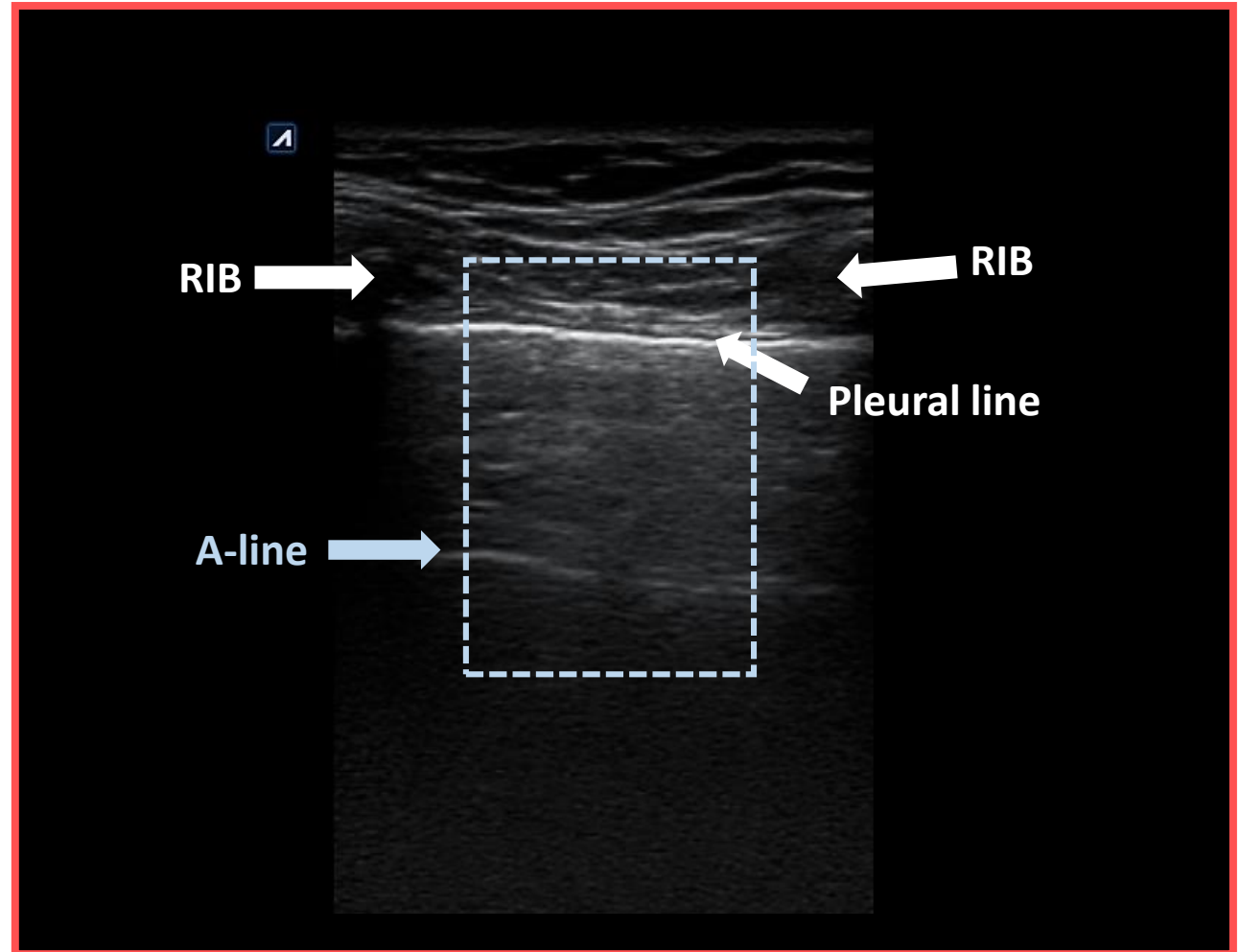
Artifact A-Line



M-Mode



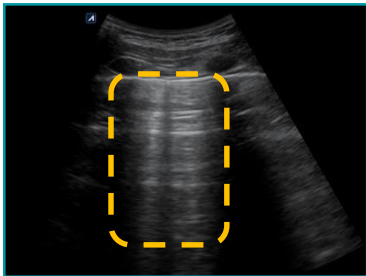
Normal



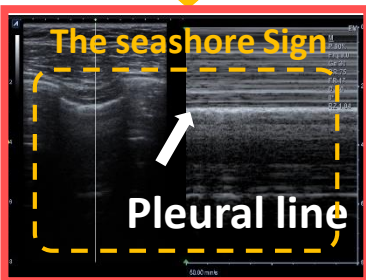
The seashore Sign on M-Mode

Lung Scan

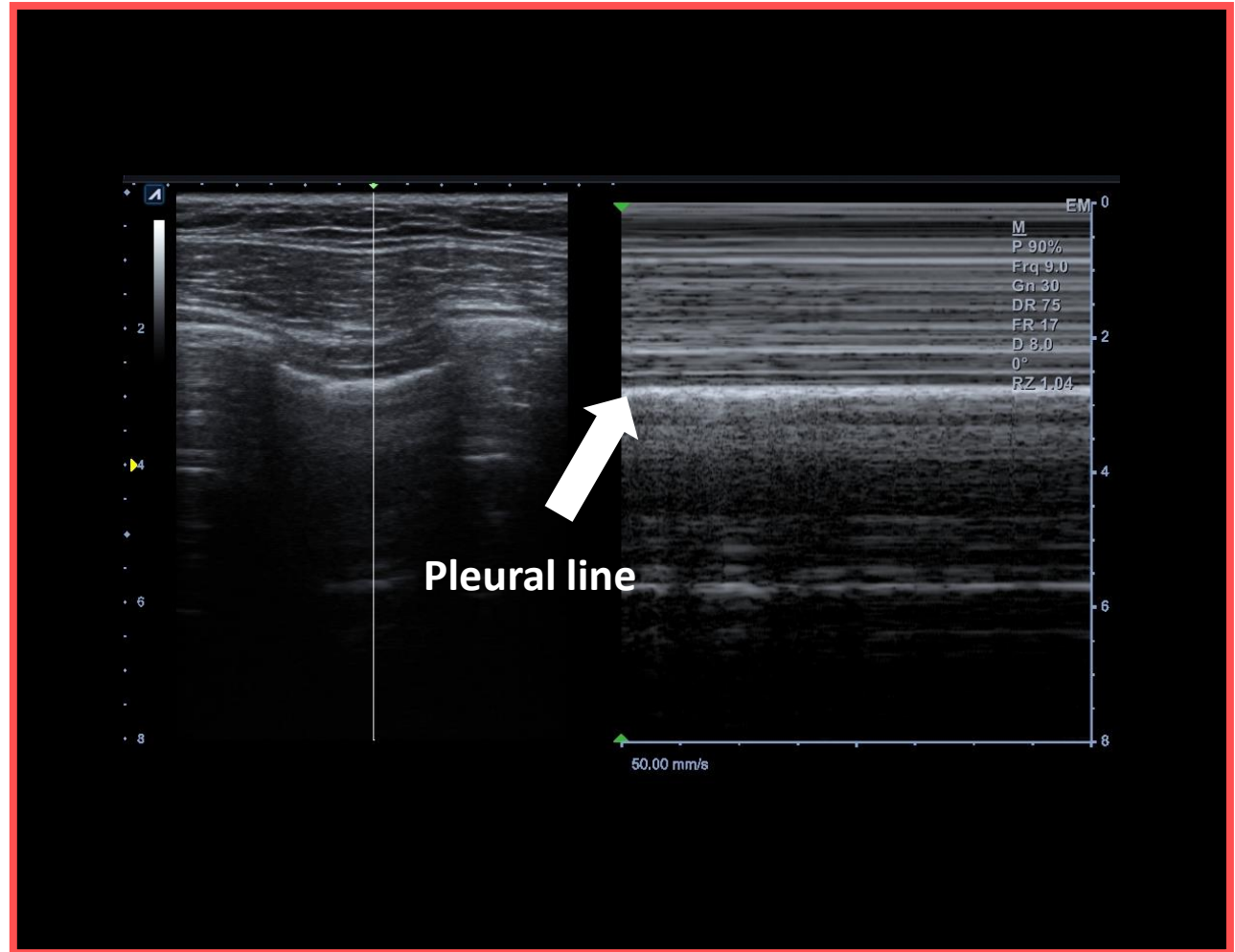
Artifact A-Line



M-Mode



Normal

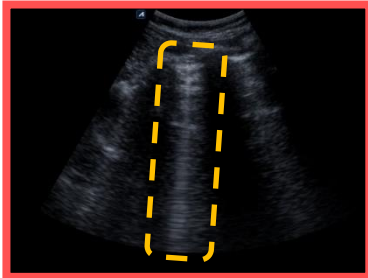


B-Line Example #01

Lung Scan



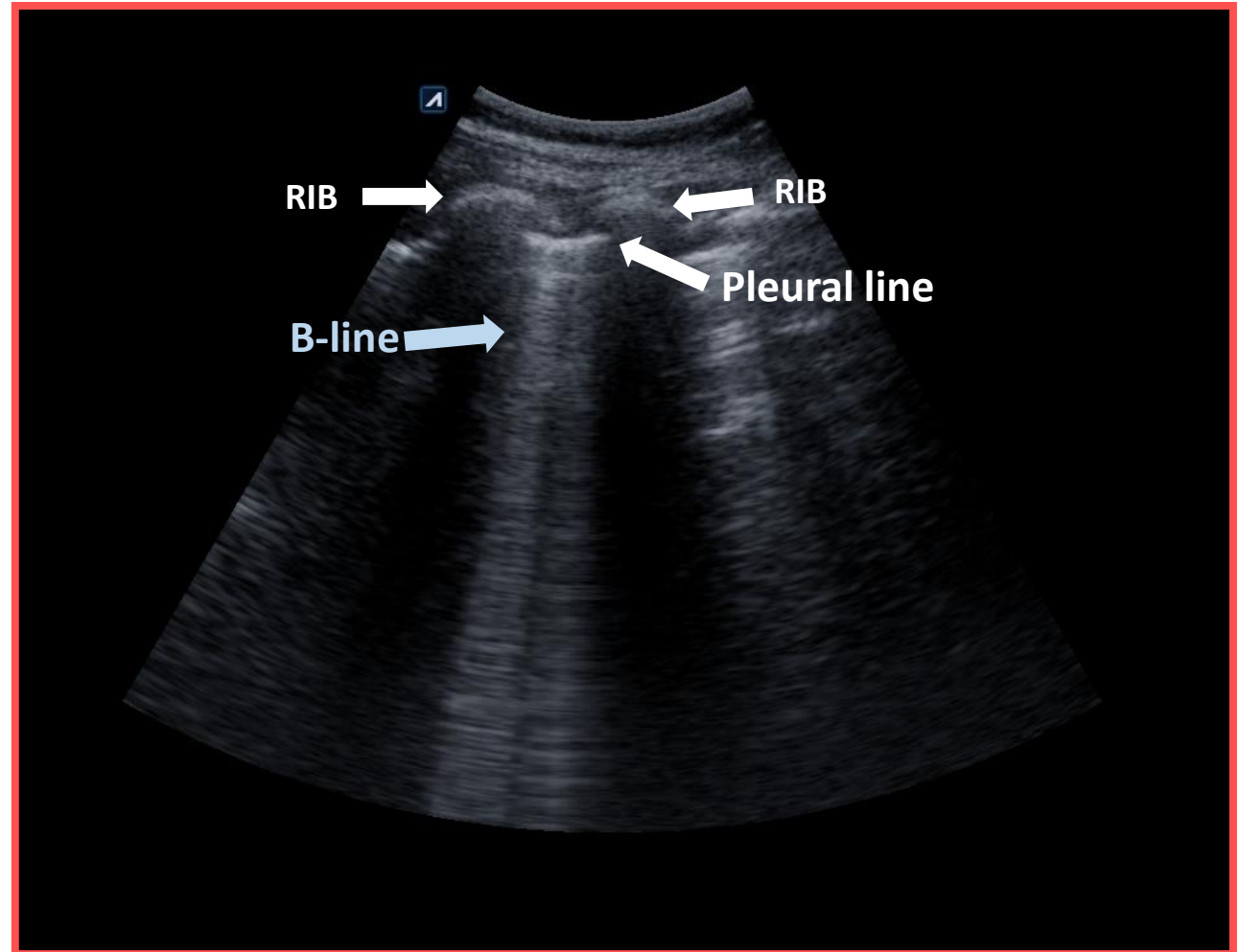
Artifact B-Line



M-Mode



Potential Diseases

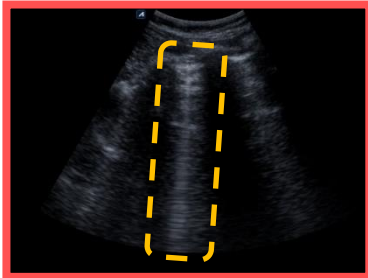


B-Line Example #02

Lung Scan



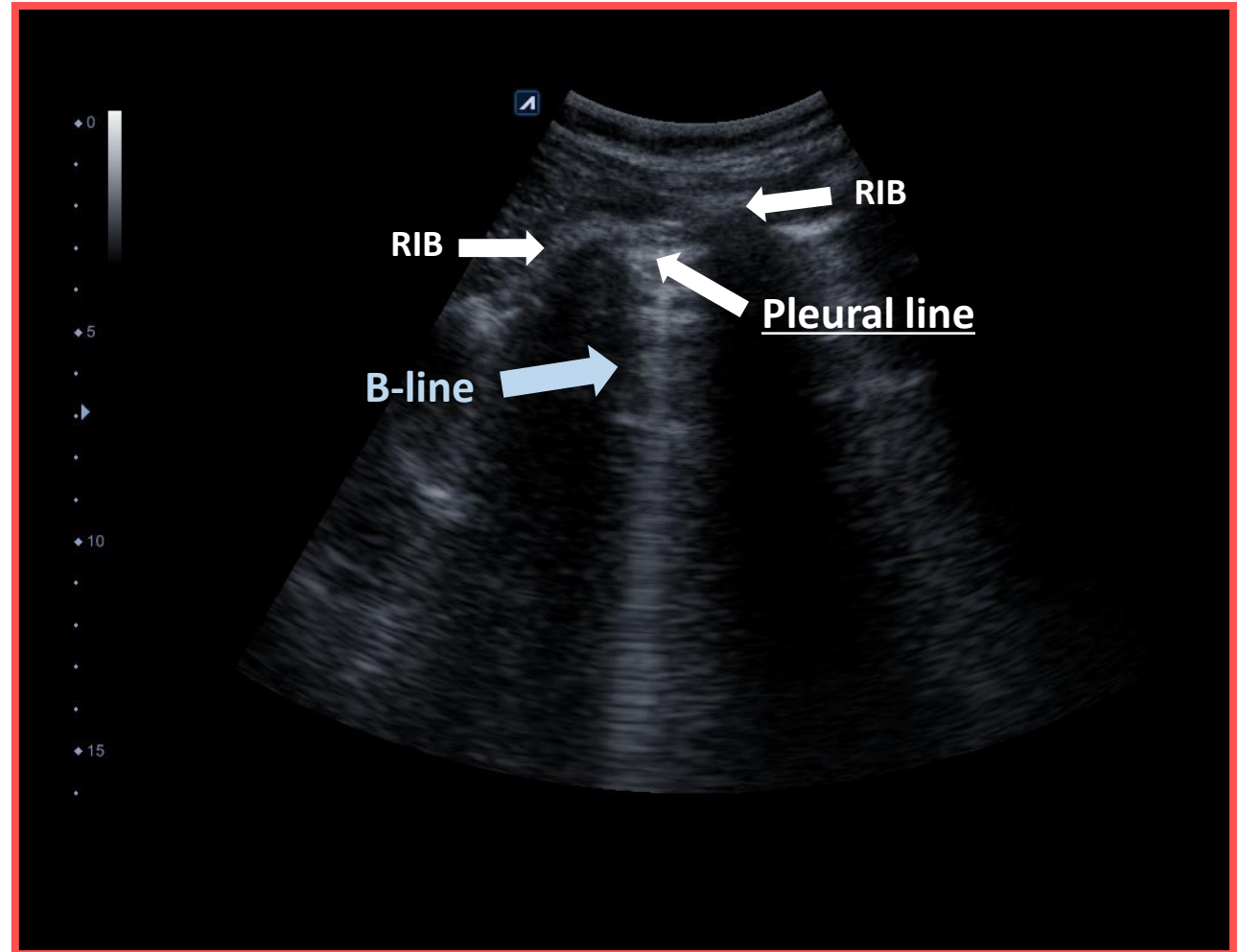
Artifact B-Line



M-Mode



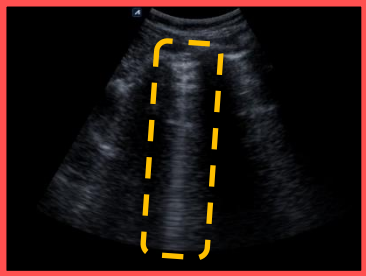
Potential Diseases



B-Line Example #03

Lung Scan

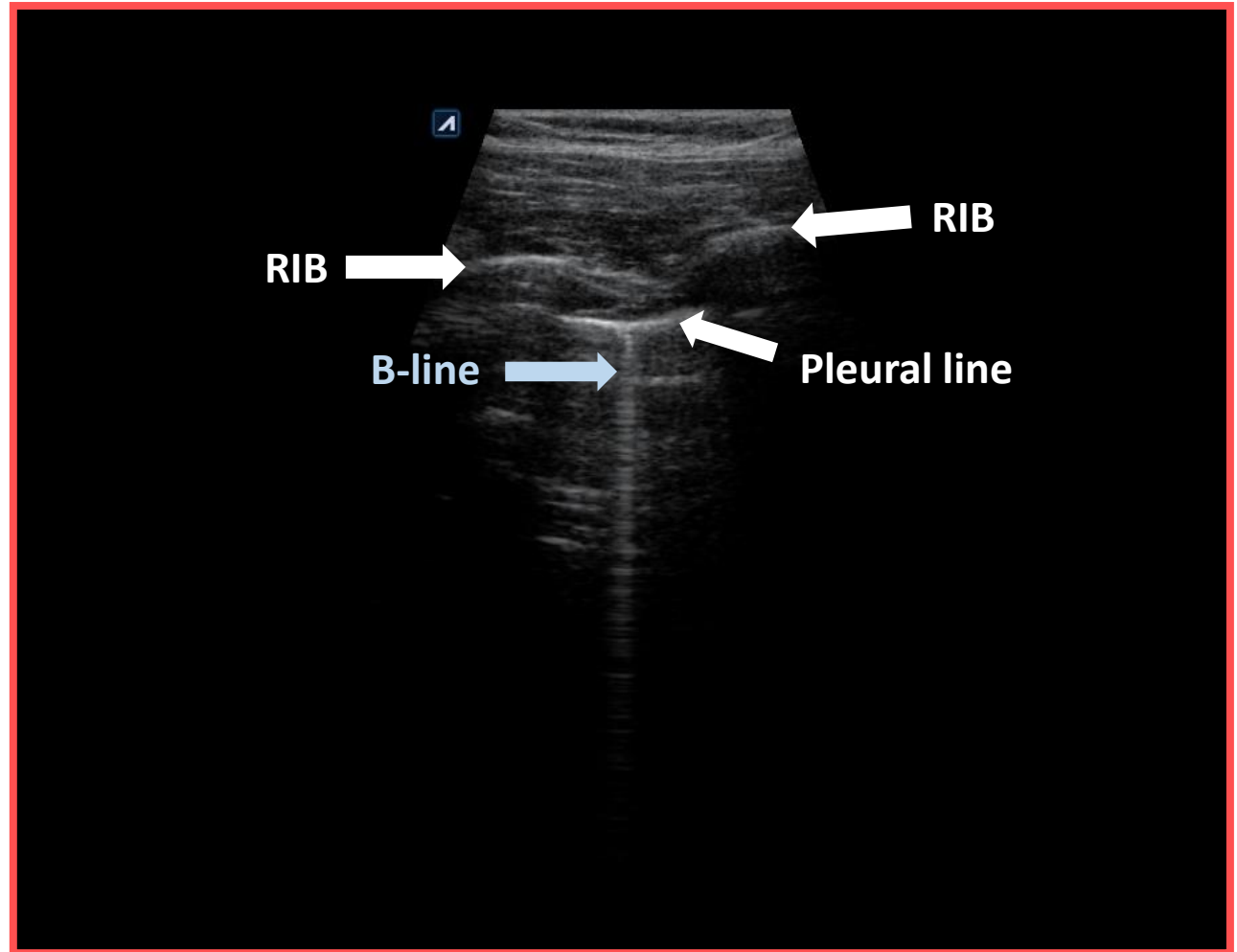
Artifact B-Line



M-Mode



Potential Diseases

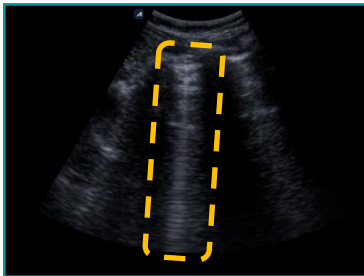


The barcode Sign on M-Mode

Lung Scan



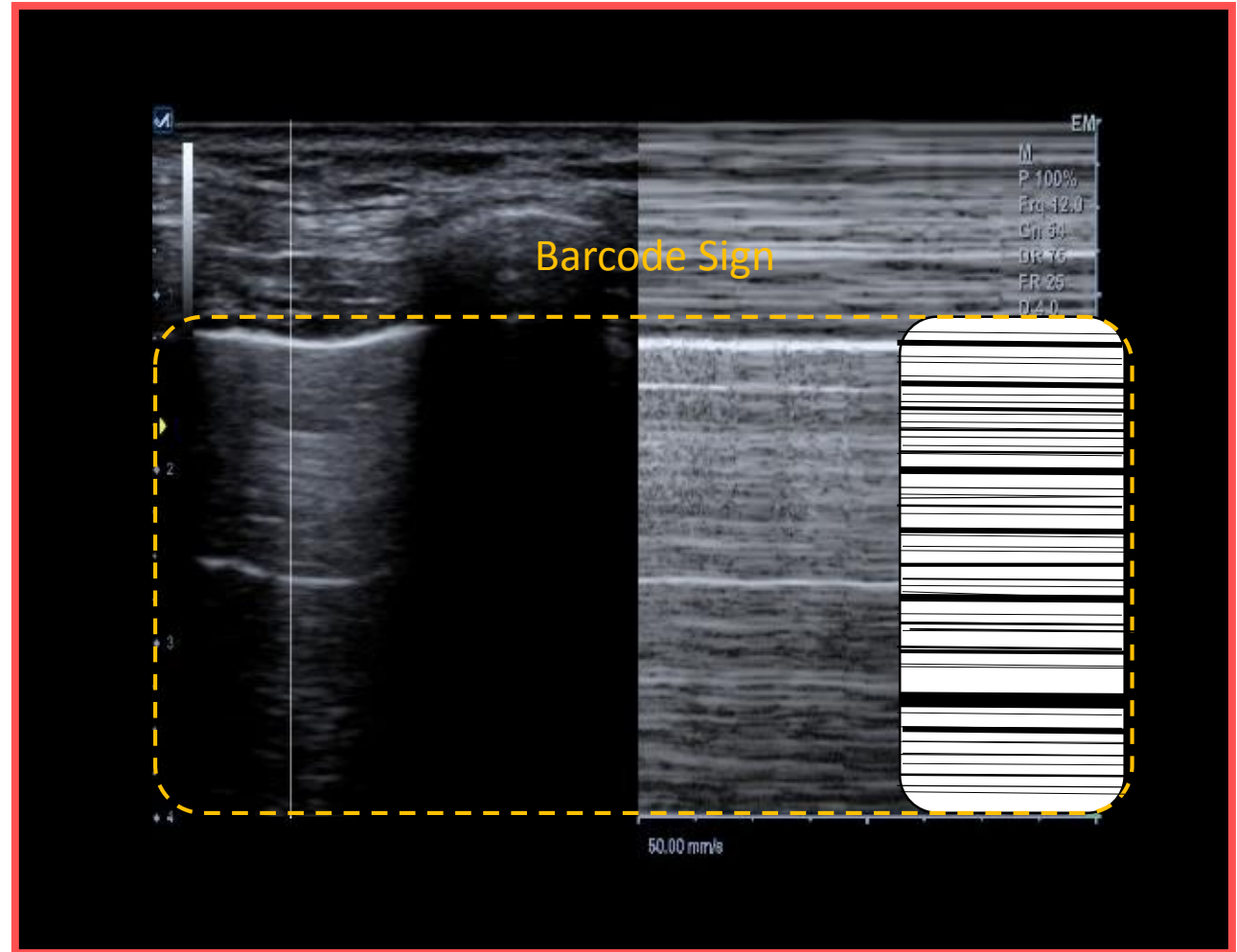
Artifact B-Line



M-Mode



Potential Diseases



PRESET RECOMMENDATION FOR EC-i7

EC-i7 C1-6T

V2.0.6

Preset	EM
SRI	OFF
Spt.comp	0
DR	65 ~ 70
Depth	> 15 cm

EC-i7 L3-12T

V2.0.6

Preset	EM
SRI	OFF
Spt.comp	0
DR	70 ~ 75
Depth	> 6 cm