AI-generated B-line counts

A

R1

R2 — PSL

R3

R4 — ALL

PAL

B

PVL

PAL

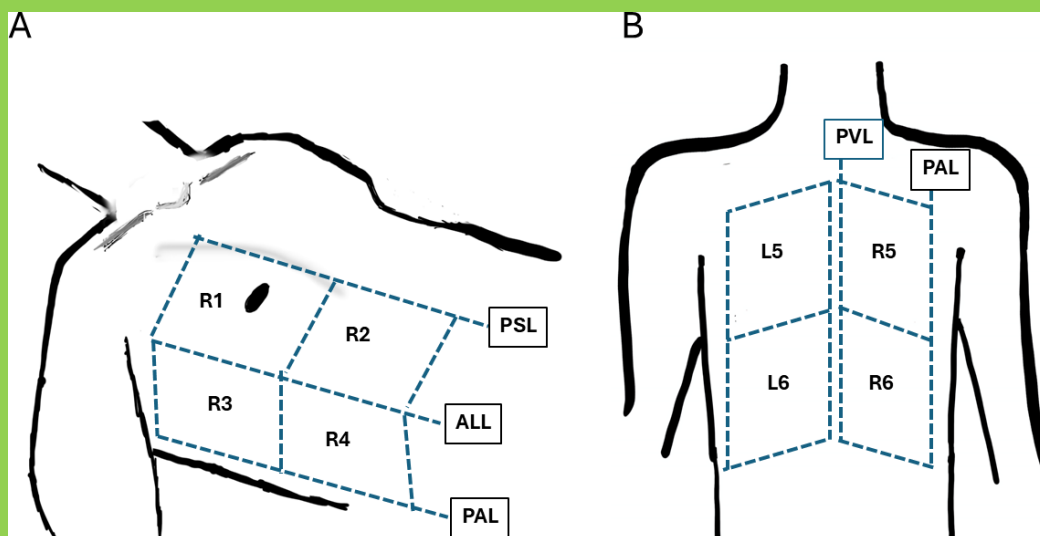L5   R5

L6   R6

12 zone lung ultrasound protocol

Performance of POCUS platform for AI enabled assessment of pulmonary B-lines

❖ Single center study with 55 patients using a 12 zone lung ultrasound protocol

❖ An automatic B-line tool in a major vendor was utilized

❖ AI B-line counts were compared to two expert reviewers using intraclass correlation coefficient (ICC)

ICC between AI and experts

0.28

ICC between experts

0.92