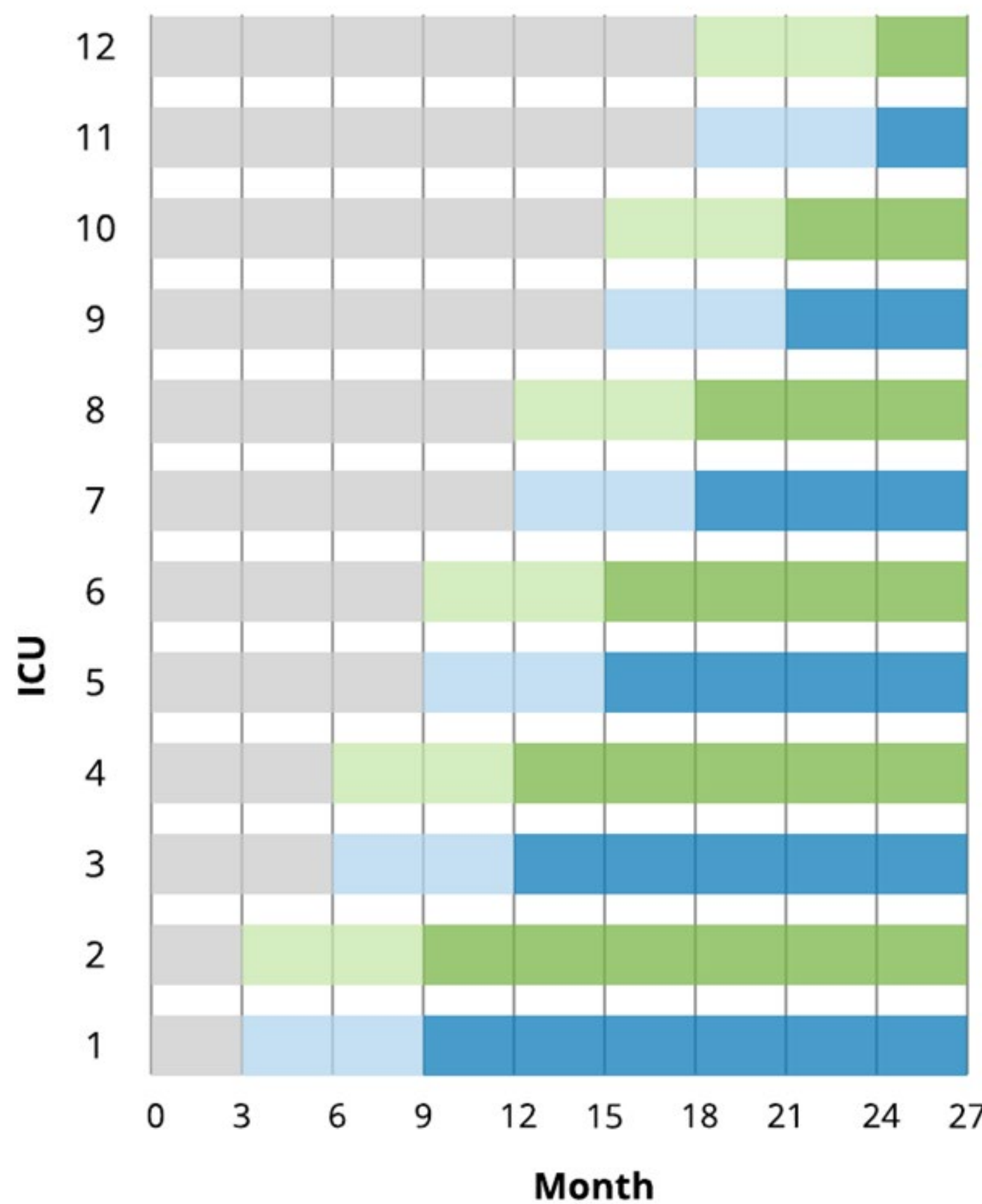


EHR based nudges to change clinician behaviors: A stepped wedge trial to improve uptake of evidence-based low tidal volume ventilation

Implementation Strategies

Study Design



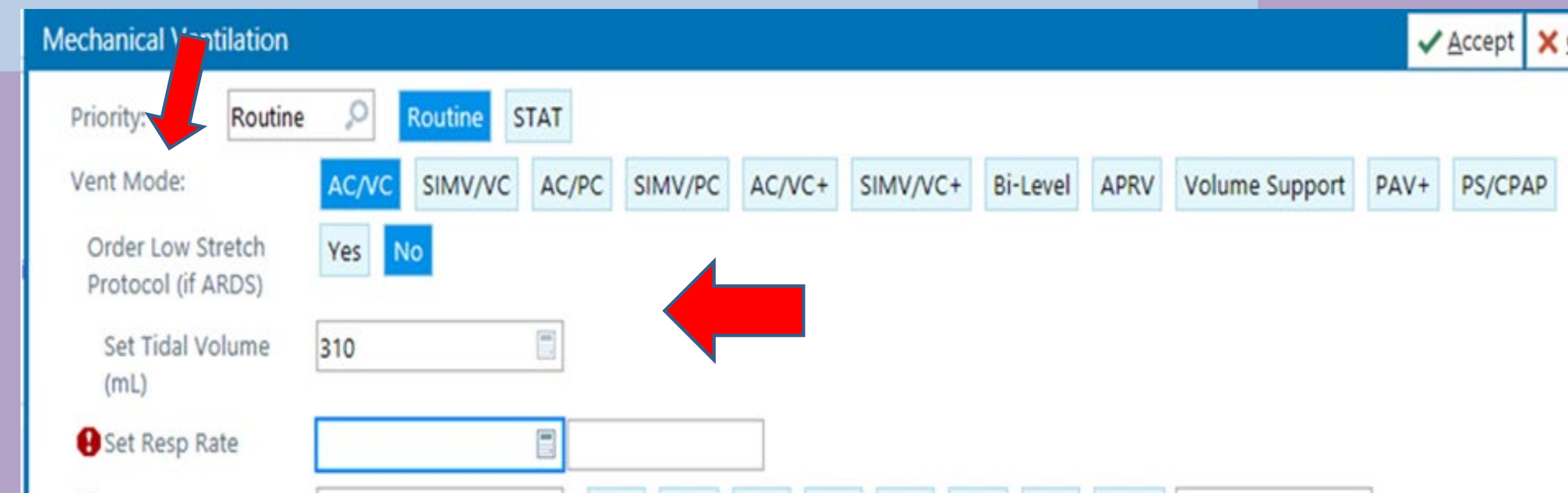
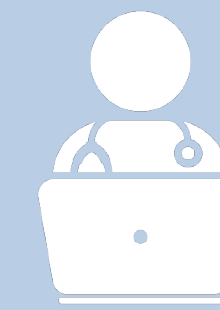
Control	Strategy A	Strategy A + Strategy C
	Strategy B	Strategy B + Strategy C

Stepped-wedge

- Sequential roll-outs
- Pragmatic design

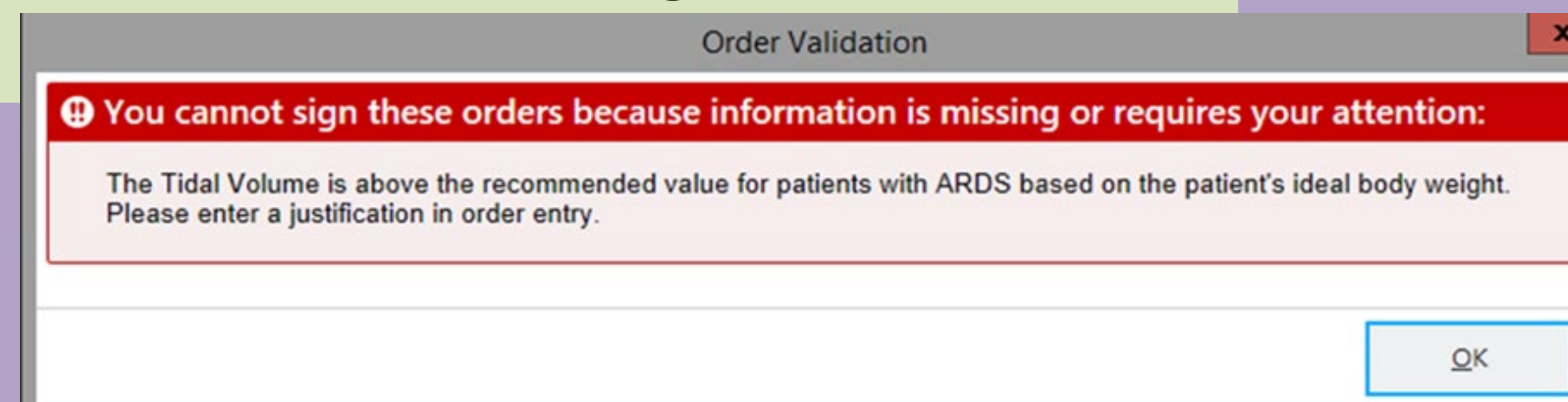
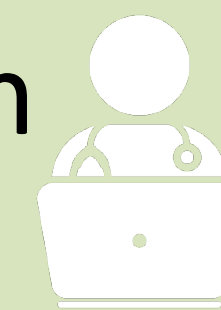
Strategy A

Nudge: Default Value
Stakeholder: Ordering clinician



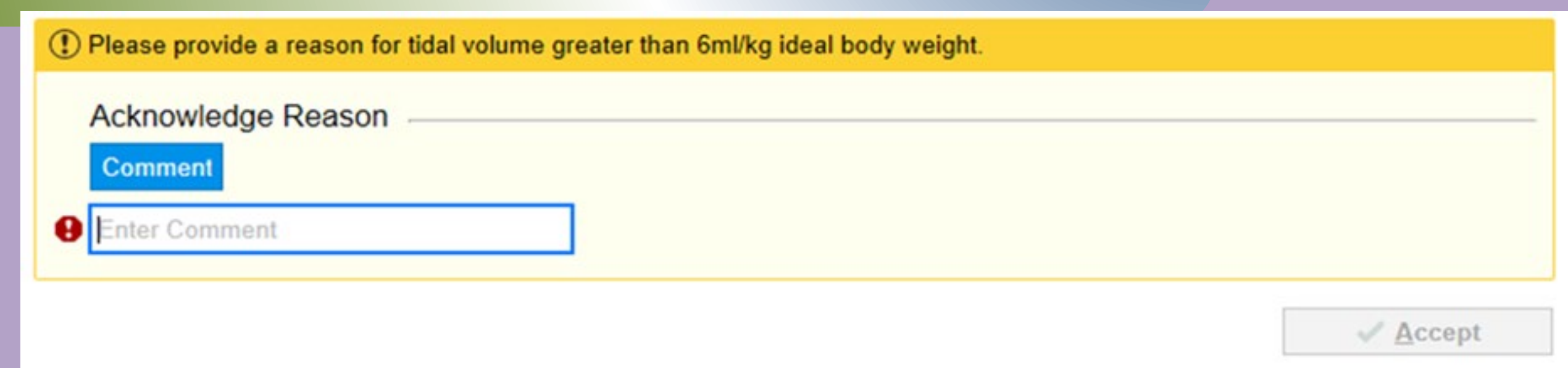
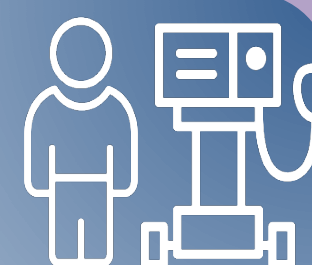
Strategy B

Nudge: Accountable Justification
Stakeholder: Ordering clinician



Strategy A + Strategy C
Strategy B + Strategy C

Nudge: Accountable Justification
Stakeholder: Respiratory Therapist



Outcomes

Implementation

- Fidelity to low tidal volumes
- Avoidance of high tidal volumes

Effectiveness

- Patient outcomes
- Safety outcomes

Hybrid type 3 trial

- Test strategies
- Understand intervention's impact



Download the full protocol paper in Implementation Science