

Sequential roll-outs
Pragmatic design

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

Implementation Strategies

	udge: Default Value
	akeholder: Ordering clinician
I	Mechanical Ventilation
	Priority: Routine P Routine STAT Vent Mode: AC/VC SIMV/VC AC/PC SIMV/PC AC/VC+ SIMV/VC+ Bi-Level APRV Volume Support PAV+ PS/CPA
	Vent Mode: AC/VC SIMV/VC AC/PC SIMV/PC AC/VC+ SIMV/VC+ Bi-Level APRV Volume Support PAV+ PS/CPAI Order Low Stretch Protocol (if ARDS) Yes No
	Set Tidal Volume 310
	Set Resp Rate
Iudge: Accountable Justification	
t	akeholder: Ordering clinician
	Order Validation
	Our cannot sign these orders because information is missing or requires your attention: The Tidal Volume is above the recommended value for patients with ARDS based on the patient's ideal body weight Please enter a justification in order entry.
	QK
udge: Accountable Justification	
	Please provide a reason for tidal volume greater than 6ml/kg ideal body weight.
	Acknowledge Reason
	Comment Enter Comment



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Outcomes

Implementation

Fidelity to low tidal volumes
 Avoidance of high tidal volumes

Effectiveness

Patient outcomesSafety outcomes

Hybrid type 3 trial

Test strategies
 Understand
 intervention's impact



Download the full protocol paper in Implementation Science