

PARDSProAsia II Ventilation targets

Ventilation		Targets	Suggested titration	
			Pressure controlled ventilation	Volume controlled ventilation
Tidal volume	All patients	3-6ml/kg PBW	Adjust set delta pressure by 1-2cmH ₂ O to achieve target	Limit set tidal volume to maximum of 6ml/kg
Peak/ plateau pressure	All patients	Max 28cm H ₂ O (max 32cm H ₂ O if poor chest wall compliance)	Limit set peak pressure to maximum of 28cmH ₂ O	Adjust tidal volume by 1ml/kg PBW to achieve target
Permissive hypercapnia	Moderate/severe	pH 7.20-7.30*	Adjust delta pressure (as above) or respiratory rate by 2-5/min to achieve target	Adjust tidal volume (as above) or respiratory rate by 2-5/min to achieve target
Oxygenation		Targets		
Permissive hypoxia	Mild	SpO ₂ 92-97%	Adjust FiO ₂ by 0.05-0.1 not more often than every 30min to achieve target	
	Moderate/severe	SpO ₂ 88-92%*		
PEEP	Incremental FiO ₂ /PEEP combinations		Refer to PEEP/FiO ₂ table	

*Exception can be made in intracranial hypertension, severe pulmonary hypertension, select congenital heart disease lesions, hemodynamic instability, and significant ventricular dysfunction.

PBW – predicted body weight, FiO₂ – fraction of inspired oxygen, PEEP – positive end expiratory pressure