

ADULT HFOV Outcome Assessment

Hospital Name: _____

Date: _____ Pt Data Received from: _____

1. Primary Diagnosis: _____

2. Triggering Etiology of Respiratory Failure: (Check one) sepsis trauma pulmonary infection
Other _____

3. Pulmonary Diagnosis: (Check one) ARDS Pneumonia Air Leak Other _____

4. Patient Demographics: weight _____ kg age _____ years gender _____

5. Days of conventional ventilation: _____ Days P/F Ratio < 200 _____ days

6. Ventilator settings: - current PIP/PEEP _____ TV _____ Rate _____ mean Paw _____
- prior 24 hrs PIP/PEEP _____ TV _____ Rate _____ mean Paw _____

7. ABG's: - most recent pH _____ PaCO₂ _____ PaO₂ _____ HCO₃ _____ FiO₂ _____
- *prior 24 hrs pH _____ PaCO₂ _____ PaO₂ _____ HCO₃ _____ FiO₂ _____

*buffering should be considered if pH < 7.20

8. Organ Failure: (Check one) Pulmonary only 2 or more

9. Immune Compromised: (Check one) No Yes

10. Most recent x-ray report: Quadrants involved _____ characterize: (Check one) diffuse patchy focal

11. Hemodynamically: (Check one) improving stable unstable
Blood Pressure: S/D _____ / _____ mm Hg * MAP _____ mm Hg

*If MAP <75, consider volume or pressor support.

12. Oxygenation Index: [(FiO₂ x 100) x Paw/PaO₂] most recent _____ 24 hr prior _____

	Low Risk (0 Points)	Moderate Risk (1 Points)	High Risk (2 Points)	Max Risk (3 Points)	Score
Days P/F <200	< 2 days	2 - 4 days	5 - 6 days	> 6 days	
Days of CMV	≤ 6 days		> 6 days		
PaCO ₂	35 - 55	< 35	56 - 80	> 80	
Organ Failures	pulmonary	1 other		> 1 other	
PIP	≤ 38	39 - 49	> 49		
Immune Comp	No	Yes			
OI	< 20	20 - 30	31 - 40	> 40	
OI Trend			slowly worsening	dramatically worsening	

Total score _____ Total

*Score: 1-7 Low anticipated mortality
8-13 Moderate anticipated mortality
14-19 High anticipated mortality

*Bachman, T., et. al. Managing Expectations in HFOV ARDS Rescues: Development and Validation of a Futility Assessment Tool. Snowbird HFV Abstract 2003.

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