

Clinical Trials in ICU revised July 2011
General Campus Pager 613-274-9754

	Basic Criteria		Overview
Septic Shock	Septic Shock	*pt undergoing a first episode of sepsis during this hospitalization? ⇒ CYTOFAB	Study to compare the efficacy and safety of two dosing regimens of IV infusions of CytoFab™ (AZD9773) in pts with severe sepsis and/or septic shock
Ventilation	Predicators of successful extubation?	Is your patient ready for a Spontaneous Breathing Trial {(SBT) (5/5)} trial? ⇒ WAVE	Weaning and Variability Evaluation
	Fungus Present in Respiratory Tract Secretions?	Candida Species Vented? ⇒ CANTREAT Study	A randomized trial of antifungal agents to placebo
	Oscillate	*bilateral airspace disease *PaO ₂ / ≤ 200 on FiO ₂ 50% ⇒ OSCILLATE	Comparing early use of oscillation vs. conventional ventilation
Nutrition	Pt eligible for enteral feeding?	>72 hrs Expected in ICU? ⇒ TWO TARGETTED feeding	The impact of two caloric targets on Mortality and morbidity in critically ill pts
	Two organ failures requiring feeding?	* < 24hours since ICU admission ⇒ REDOX	A randomized trial of glutamine and antioxidant supplementation in critically ill patients
	Two organ failures requiring feeding?	* < 24hours since ICU admission ⇒ REDOX anc	Lab study to determine which pts benefit the most from nutritional supplementation.
Transfusions	Patient requiring RBC's?	First transfusion this hospital Admission? In ICU < 7 days ⇒ ABLE	Age of Blood Study: a randomized trial comparing RBC < 7 days old to standard age blood (<42 days)
	Patient requiring RBC's?	First transfusion this hospital Admission? In ICU < 7 days ⇒ ABLE ancillary	Adverse Effects of RBC storage in Critically Ill Patients
Dynamics	Prognostic Marker in the ICU patients	Pt dx w/ any of the following – Sepsis, septic shock, multiple trauma, Cardiogenic shock, neurosx,, aneurysms Or other causes of shock. ⇒ DYNAMICS	Evaluate the prognostic utility of plasma DNA in severe sepsis pts and to determine whether elevations in plasma DNA are specific to severe sepsis or if it is more generally associated w/ high mortality rates.
Misc	Acute illness with a long-term ICU stay?	Acute illness and vented > 7 days ⇒ TOWARDS RECOVER	Long-term patient outcomes of intensive care unit patients who survive an episode of acute illness requiring a long-term ICU stay including walking ability, quality of life and lung recovery
	Pt 80+ years old?	> 80 years old with a minimum ICU stay of 24 hours and an available "family caregiver" ⇒ REALISTIC 80s	To determine the 12-month health-related quality of life, functional status, and survival of 80+ year olds admitted to the ICU
	Plan to WLST?	Is there a decision to WLST? Artline insitu? No Pacer? ⇒ DDePICT	Determining death after Cardiac Arrest