

Advanced Capabilities for Emergency Medical Monitoring

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Advanced Capabilities = Advanced EARLY Decision-Support (emergency phase of care)

- Program Objectives
 - To provide **new signals** that reflect a *specific* and *continuous* indication of need for *early* intervention(s) for hemorrhage
 - To provide integration of signals to assist earlier decision-making by emergency personnel
 - Early intervention is associated with improved casualty outcomes

- **Caroline Rickards, PhD** - Tolerance to central hypovolemia: The influence of oscillations in arterial pressure and cerebral blood velocity
- **Keith Lurie, MD** - Intrathoracic pressure regulation for the treatment of hypotension and elevated intracranial pressure
- **Babs Soller, PhD** – Advances in noninvasive, portable medical monitoring for early identification of hemodynamic instability
- **Steve Moulton, MD** – Non-invasive prediction of central hypovolemia

Welcome....Come on in!



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