## Medication Errors, Patient Falls, and Pressure Ulcers: Improving Outcomes Over Time

Patricia A. Patrician, PhD, RN, FAAN Colonel, US Army, Retired Associate Professor and Donna Brown Banton Endowed Professor University of Alabama at Birmingham



Lori Loan, PhD, RNC Chief, Nursing Research Service Madigan Army Medical Center Tacoma, WA

Mary McCarthy, PhD, RN Nurse Researcher Madigan Army Medical Center Tacoma, WA



This research was funded by the TriService Nursing Research Program, #N03-P07.

## Disclaimer

- This project was funded by the TriService Nursing Research Program, Uniformed Services University of the Health Sciences (Grant #N03-P07).
- However, the information or content and conclusions do not necessarily represent the official position or policy of, nor should any official endorsement be inferred by, the TriService Nursing Research Program, Uniformed Services University of the Health Sciences, the Department of Defense, or the U.S. Government.



## **MilNOD Participants**



Elmendorf Air Force Base Hospital, AK Malcolm Grow Medical Center, MD Wilford Hall Medical Center, TX



National Naval Medical Center Bethesda, MD Naval Hospital Bremerton, WA Naval Hospital Oak Harbor, WA Naval Medical Center San Diego, CA



Bassett Army Community Hospital, AK Brooke Army Medical Center, TX DeWitt Army Community Hospital, VA Madigan Army Medical Center, WA Walter Reed Army Medical Center, NC

## **MilNOD Sites**















Why does the MilNC outco Implementing Databa Evidence Base	omes? se Process	es Increases	
Example: MilNOD Pressure Ulcer (PU) Practice Enhancements			
Before MilNOD After MilNOD			
<ul> <li>Regular HAPU data collection</li> </ul>	36%	100%	
<ul> <li>EB PU risk assessment tool used</li> </ul>	27%	100%	
> PU prevalence study	36%	100%	
<ul> <li>PU EB &amp; current staging criteria used</li> </ul>	25%	100%	
		19	
		19	
<b>Conclusion and Implications</b>			
 <ul> <li>The MilNOD is an efficient, replicable, and sustainable initiative for inpatient care units.</li> </ul>			
<ul> <li>The database meth contribute to patien over time.</li> </ul>			
<ul> <li>MilNOD units signifi adverse events ove</li> </ul>			
<ul> <li>Cost avoidance for falls and med errors \$1,130,000/year</li> </ul>			
<ul> <li>Cost avoidance for \$450,000/year</li> </ul>	pressure ulce	ers 20	





