






+ VANGUARD OF MEDICAL INNOVATION + FROZEN BLOOD RESEARCH



 In 1965, the Naval Blood Research Laboratory (NBRL) in Massachusetts, under Capt. C. Robert Valeri (1932-2025), **pioneered a cryopreservation process to freeze red blood cells.** This involved separating red blood cells, immersing them in the preservative glycerol, and then shipping them for long-term storage.

 U.S. Naval Station Hospital Da Nang in Vietnam became the proving ground for the U.S. military's first combat frozen blood bank. **From 1966 to 1969, the frozen blood bank successfully used over 2,000 units of frozen blood.**

 This feasibility study demonstrated that **frozen blood was safe, effective, and feasible for battlefield use** while paving the way for modern blood banking and transfusion advances.