Acute, normovolemic hemodilution (ANH) is achieved by...

- Removing blood from a patient and storing with anticoagulants.
- And after a sufficient amount of surgical blood loss.
- Re-transfusing the stored whole blood.

A recent meta-analysis of 2439 patients from 29 RCTs showed ANH in cardiac surgery resulted in...

- Fewer PRBCs transfused on average (95% CI -1.25, -0.34)
- Reduced postoperative blood loss (p < 0.0001)
- RR 0.74 for allogeneic transfusion (95% CI 0.62, 0.87)

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REFERENCE