

Active Temperature Management After Cardiac Surgery and Its Effect on Postoperative Cognitive Dysfunction

Status: Recruiting

Eligibility Criteria

Age: 20 years to 89 years old

This study is NOT accepting healthy

Healthy Volunteers: volunteers

Inclusion Criteria:

1. scheduled coronary artery bypass graft surgery patients, with or without valve surgery 2. patients able to give informed consent

Exclusion Criteria:

1. age < 20 years or > 89 years 2. patients with unscheduled CABG +/- valve surgery (i.e. emergency surgery) 3. deformity or skin condition of chest or thighs that would interfere with the successful placement of Rapr Round® vest and leg wraps 4. patients presenting to the ICU postoperatively with a fever ≥ 38.3 5. patients with planned intraoperative circulatory arrest 6. prisoners 7. pregnant patients 8. patients with symptomatic cerebrovascular disease, specifically residual motor deficits, expressive or receptive aphasia from prior stroke or cerebrovascular accident

Conditions & Interventions

Interventions:

Device: Rapr Rounds Hyper/Hypothermia Wraps, Drug: Acetaminophen

Conditions:

Cardiac Surgery, Post-operative Cognitive Dysfunction, Fever

Keywords:

temperature regulation

More Information

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Phase: Phase 2

IRB

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