Is There an Association Between Targeted Temperature Management (TTM) of 32 °C to 36 °C and Neurological Outcomes?

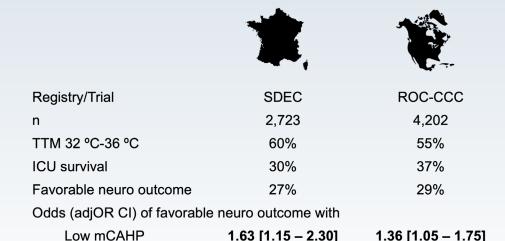


STUDY DESIGN

Registry and trial data of **patients who are comatose after resuscitation from out-of-hospital cardiac arrest** (OHCA) were obtained from the Sudden Death Expertise Center (SDEC) registry (France) and the Resuscitation Outcomes Consortium Continuous Chest Compressions (ROC-CCC) trial (USA and Canada)

Severity at ICU admission assessed through modified Cardiac Arrest Hospital Prognosis (mCAHP) score and categorized into mild, moderate, and severe tertiles

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In patients with OHCA, TTM of 32 °C to 36 °C was associated with a better outcome in patients with low and high severity of illness at ICU admission.

Mod mCAHP

High mCAHP

1.29 [0.85 – 1.93]

1.94 [1.06 – 3.54]

1.26 [0.98 - 1.62]

2.24 [1.38 - 4.24]