

# Resting Energy Expenditure and Substrate Consumption in Cardiac Arrest Patients Under Target Temperature Management

NCT06575101

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**Status** RECRUITING  
**Sponsor** Tang Ziren  
**Enrollment** 40 participants

## Key Eligibility Criteria

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### Inclusion (4)

- Be admitted to the emergency department of Beijing Chao-yang Hospital, Capital Medical University;
- Successfully resuscitated, and are unconscious after restoration of spontaneous circulation (ROSC);
- Be admitted to the intensive care unit (ICU) for advanced life support such as endotracheal intubation after restoration of spontaneous circulation (ROSC);
- Accepted target temperature management (TTM) therapy after restoration of spontaneous circulation (ROSC);

### Exclusion (6)

- Age  $\geq$  18 years old
- Incomplete clinical data and loss of follow-up;
- Traumatic brain injury or cerebrovascular accident revealed by computed tomography (CT)
- Severe metabolic abnormalities are known: cachexia, thyroid dysfunction, and cancer
- Indirect calorimetry measurement is not possible such as sustained oxygen concentration  $\geq$  70%
- ... and 1 more (see full listing online)

## Locations (1 total)

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Beijing chao-yang Hospital, Capital Medical University, Beijing, Beijing Municipality, China