

# Molecular Insights Into Post-Cardiac Arrest Brain Injury Via CSF Multi-Omics

NCT07481396

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Status	RECRUITING
Sponsor	Chungnam National University Hospital
Enrollment	60 participants

## Key Eligibility Criteria

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### Inclusion (11)

- Patients receiving post-resuscitation care after out-of-hospital cardiac arrest for secondary brain injury treatment.
- Patients without contraindications for lumbar puncture catheter insertion for cerebrospinal fluid (CSF) collection. This includes the absence of:
  - Uncontrolled diabetes.Coagulation disorders.
  - Thrombocytopenia (platelet count  $\leq$  100,000).
  - A history of cirrhosis diagnosis.

... and 6 more (see full listing online)

### Exclusion (4)

- Cerebral Edema: Patients with evidence of cerebral edema on a brain computed tomography (CT) scan performed immediately after spontaneous circulation recovery.
- Patients who underwent extracorporeal membrane oxygenation (ECMO).
- Patients who could not maintain integrated therapy for more than 24 hours after cardiac arrest.
- Patients with a history of acute or chronic brain disease.

## Locations (1 total)

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Chungnam National University Hospital, Daejeon, Jung-gu, South Korea