Unresponsive patient after ROSC

Suspected neurological cause of arrest?

○ NO
  - TTM

○ YES
  - Severe cerebral oedema and brainstem herniation?
    ○ NO
      - Follow World Brain Death Project recommendations for brain death determination*
    ○ YES
      - Brain death confirmed
        - According to local legislation

Unresponsive patient after rewarming
Exclude confounders, particularly residual sedation

All brainstem reflexes absent?
(Pupillary, corneal, oculocephalic, cough)

○ NO
  - Neuroprognostication
    - (see algorithm)
  - WLST at any time

○ YES
  - Signs of brain death?
    - Fixed dilated pupils
    - Diabetes insipidus
    - Cardiovascular changes suggesting herniation
  - Brain death confirmed
    - According to local legislation
  - Evaluate for organ donation

Circulatory death at any time

*Includes a 24-hour observation period after rewarming to 36°C before clinical testing for brain death/death by neurological criteria
World Brain Death Project - Greer DM et al. JAMA 2020;324:1078–1097