

Sugar or Salt (SOS) Trial:

Hyperosmolar therapy in traumatic brain injury

Eligibility must be confirmed by a doctor or an advanced clinical (!)practitioner prior to the patient being enrolled and the Screening and Eligibility Form signed by that doctor or advanced clinical practitioner as soon as practicably possible after enrolment.

- Inclusion Criteria: Adult aged ≥16 years old
 - Admission to ICU following TBI
 - ICP >20mmHg for more than 5mins despite stage 1 procedures
 - <10 days from initial primary head injury
 - Abnormal CT scan consistent with TBI

Exclusion Criteria:

- Devastating brain injury with withdrawal of treatment anticipated in the next 24 hours
- Pregnancy
- Severe hypernatraemia (serum Na>155 mmol/L)
- 2 or more prior doses of hyperosmolar therapy given on ICU

EudraCT Number: 2019-001688-66



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Checklist for enrolment:

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- ✓ Complete and sign the paper Screening and Eligibility CRF.
- Ensure time eligibility was assessed is recorded on the database when randomising and on the paper CRF—these should match.
- ✓ Document the justification for the patient meeting ALL of the eligibility criteria; this includes recording the patient's ICP and serum Na values at the time of confirming eligibility in the medical nates
- Record the patient's weight/estimated weight used to calculate the trial drug dose in the medical notes.
- Use the SOS dosing table to calculate the allocated trial drug dose to be administered.

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