

# CReep and Maintenance fLUID Sodium Chloride ADministration rE-duction in cRitically Ill adultS

NCT07189091

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Status	RECRUITING
Phase	Phase 4
Sponsor	University Hospital, Antwerp
Enrollment	640 participants

## Key Eligibility Criteria

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### Inclusion (4)

- At least 18 years of age
- Patients who are admitted to the ICU for medical or surgical emergencies, including complications of elective surgery
- The treating physician expects the patient will still require ICU care in two days, indicating a severe or complex condition at enrollment
- The patient is expected to receive at least 300 mL of fluid creep or at least 1 liter of maintenance fluid according to study-arm during the first 24h after inclusion

### Exclusion (13)

- A contraindication to hypotonic fluids due to risk of brain edema (including traumatic brain injury, major stroke, intracranial/subarachnoid hemorrhage, meningoencephalitis, intracranial malignancies...), with the timing and clinical judgment left at the discretion of the treating physician.
  - Hyponatremia below 131 mmol/L at admission
  - Admission solely for treatment of fluid accumulation due to cardiac decompensation, without other acute medical conditions requiring ICU-level care. Note: Patients with heart failure as a comorbidity, those on chronic diuretic therapy, or presenting with edema/bilateral lung infiltrates due to other conditions (e.g., sepsis, pneumonia) are not excluded.
  - Patient's death is deemed imminent and inevitable, admission for palliative care or admission solely for organ donation
  - Patient receiving chronic renal replacement therapy
- ... and 8 more (see full listing online)

## Locations (4 total)

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ZAS Middelheim, Antwerp, Belgium  
ZAS Cadix, Antwerp, Belgium  
Antwerp University Hospital (UZA), Edegem, Belgium  
... and 1 more locations

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<https://clinicaltrials.gov/study/NCT07189091>

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