

# Fluid Management and Individualized Resuscitation in Sepsis

NCT07009665

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Status	RECRUITING
Phase	Not Applicable
Sponsor	University Medical Center Groningen
Enrollment	188 participants

## Key Eligibility Criteria

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### Inclusion (9)

- Adult patients (≥ 18 years of age);
  - Referred to internal medicine, nephrology, geriatric medicine, oncology, hematology, lung medicine, rheumatology, gastrointestinal / liver medicine, urology, or emergency medicine (non-trauma);
  - Confirmed or suspected infection according to the physician's judgement upon arrival to the ED, based on the presence of an acute phase response not due to an alternative non-infectious cause (i.e., body temperature  $< 36^{\circ}\text{C}$  or  $> 38^{\circ}\text{C}$ , leukocyte count  $> 12 \times 10^9/\text{L}$  or C-reactive protein  $> 50 \text{ mg/L}$ ), and/or on symptoms suggestive for an infection (e.g. productive cough, dyspnea, dysuria, pollakisuria, abdominal pain, erythema)
  - Need for hemodynamic resuscitation, based on any of the following (first measurement at ED arrival (triage)):
  - Mean arterial pressure (MAP)  $< 70 \text{ mmHg}$
- ... and 4 more (see full listing online)

### Exclusion (17)

- Primary diagnosis of: acute cerebral vascular event, acute coronary syndrome, acute pulmonary edema, status asthmaticus, major cardiac arrhythmia, drug overdose, or injury from burn or trauma, diabetic ketoacidosis, hyper-osmolarity syndrome, pancreatitis
  - Known aortic insufficiency, aortic abnormalities, or intraventricular heart defect, such as ventral septal defect or atrial septal defect
  - Known advanced heart failure - meaning NYHA IV functional class HF, on waiting list for heart transplant, LVAD recipient or chronic inotrope use.
  - Known end-stage kidney disease (dialysis-dependent CKD stage 5 or  $\text{eGFR} < 15 \text{ mL/min/1.73 m}^2$ )
  - Decompensated liver cirrhosis at ED admission (e.g., ascites, hepatic encephalopathy, or variceal bleeding)
- ... and 12 more (see full listing online)

## Locations (1 total)

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University Medical Centre Groningen, Groningen, Provincie Groningen, Netherlands

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<https://clinicaltrials.gov/study/NCT07009665>

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