

# April Newsletter

**Sites opened: 18**

**Patients recruited: 235**

## Top recruiting sites

1. Kings Mill Hospital
2. Scunthorpe General Hospital
3. Royal Victoria Hospital

Well done to Kings Mill Hospital - this has been their highest recruitment month since opening to SepTiC!

## Recent FAQ

Could we get more clarity on the exclusion criteria 'not expected to survive 90 days due to pre-existing chronic disease'?

This exclusion criteria 'not expected to survive 90 days' is due to a participants pre-existing chronic disease only and is different to their acute illness and acute severity. Unless the pt is thought to be receiving "end-of-life" care then are likely still eligible. If the participant is in their last three months of life then they would not be eligible for the study.

## SepTiC Reminders: Tube expiry dates



- Remember to check your the blood tube expiry dates in every sample kit as some blood tubes sent to site are due to expire at the end of April.
- If you have any expired tubes, please let the SepTiC team know as soon as possible and we will send out replacement tubes/kits.

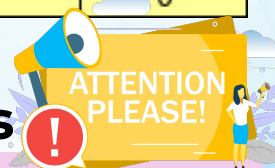
# SepTiC

Sepsis Trials in Critical Care



Site Number	Site	March
104	Kings Mill Hospital	5
119	Scunthorpe General Hospital	4
117	Royal Victoria Belfast	3
110	James Cook Hospital	2
115	Kings College Hospital	2
101	St Marys Hospital	1
102	Charing Cross Hospital	1
105	Derriford Hospital	1
106	QA Portsmouth	1
107	Bristol Royal Infirmary	1
109	St Georges Hospital	1
111	Russells Hall Hospital	1
103	Hammersmith Hospital	0
108	Kettering General Hospital	0
113	Watford General Hospital	0
114	Sunderland Royal Hospital	0
118	Belfast City Hospital	0
120	Royal Stoke Hospital	0

## Upcoming College and Lab closure days



Imperial College and the central lab will be **closed from Thursday 17th April to Tuesday 22nd April 2025 due to the Easter break.**

The last day to randomise to the **diagnostic and fluid interventions** and send samples will be Tuesday 15th April and recruitment will re-start on Tuesday 22nd April. Email reminders will also be circulated closer to the time.

You can still recruit to the GM-CSF intervention over these closure days, however please ensure you have sufficient IMP stock prior to the Easter closure.

# Recent Publications relating to the Fluid Intervention: Effect of restrictive fluid resuscitation on severe acute kidney injury in septic shock: a systematic review and meta-analysis

Summary by Dr Jon Silversides

Cai et al carried out a systematic review and meta-analysis of trials investigating restrictive fluid strategies in septic shock, which is relevant to the study question in SepTiC. The review included 9 trials and 3712 patients.

The key finding was that fluid restriction resulted in a **lower** incidence of severe acute kidney injury than usual care, with a relative risk of 0.87 (95% CI 0.79 – 0.96). Duration of mechanical ventilation was also shorter with fluid restriction.

There are a number of limitations with this systematic review, which include variation in the interventions studied, the heavy influence of one trial (CLASSIC, Meyhoff et al NEJM 2022), and variation in how severe acute kidney injury was defined. Also, while relevant, the trials included studied only fluid restriction and not deresuscitation, while SepTiC is investigating both, as we believe these are complementary.

Overall, this systematic review provides further evidence that fluid restriction is safe and may be effective in reducing organ dysfunction, and strongly supports the need for trials such as SepTiC which address the critically important question of how best to manage fluids in sepsis.



## Upcoming Webinar: Fluid intervention webinar with Dr Jon Silversides

Our next webinar will be hosted by the SepTiC Team and fluid intervention lead - Dr Jon Silversides

This will be an opportunity for all sites to discuss any queries regarding fluid intervention. The webinar will take place on Monday 12th May 2025 from 2-3pm.

The link to join is below:

<https://imperial-ac-uk.zoom.us/j/93817767036?pwd=SzVFV01uZE8zaUp5dzFmZUdUckhkdz09>

## Fluid Intervention Resources



Please make sure to utilise all fluid intervention resources available on the SepTiC website.

We would advise you to have the 1 page summary document and fluid intervention flow chart at the patients bedside during the 5 day intervention period.