UPCOMING STUDIES

Lessening Organ Dysfunction with VITamin C: LOVIT Trial

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The purpose of this parallel blinded randomized controlled study is to determine if the administration of vitamin C decreases the harmful effects of the infection on organs and improve health status more rapidly than placebo. It is anticipated that about 800 people will take part in this study from 25 ICUs across Canada.

We plan to enroll at least **50 patients** in General Systems ICU.

**Primary Outcome:** Death or persistent organ dysfunction at 28 days.

**Study Intervention:**
- **Experimental Arm:** infusion of vitamin C 50mg/kg Q6H for 96 hrs
- **Control Arm:** infusion of Normal Saline Q6H for 96 hrs

**Inclusion Criteria:**
- ≥ 18 years old
- Has a proven or suspected infection as the main diagnosis
- Currently treated with continuous IV infusion of vasopressors

**Exclusion Criteria:**
- 24 hours since ICU admission
- Known Glucose-6-phosphate dehydrogenase (G6PD) deficiency
- Allergy to vitamin C
- Known kidney stones within the past 1 year
- Received any IV vitamin C during this hospitalization unless incorporated in parenteral nutrition
- Expected death or withdrawal of life-sustaining treatments within 48 hours

**Site Status:** Starting Mid-July.

COMPLETED STUDIES

A special congratulations to Nadia Baig and Dr. Karvellas for completing enrollment into the ALFSG and ROTEM Studies.

A total of 3400 patients were enrolled from the GSICU and ICUs across the United States of America.

A total of 72 patients were enrolled into ALFSG and 1 patient in ROTEM in the General Systems ICU from March 2014 to June 2019.

We continue to look forward to seeing the many publications from the study.

PUBLICATIONS

Furosemide Stress Test Trial was recently published in The Journal of Critical Care


A total of 10 patients were enrolled in the General Systems ICU & Mazankowski Heart Institute

**Enrollment Updates**

STARRT-AKI: GS-ICU: 37  
CV-ICU: 3

BALANCE: 56  
ALFSG: 72  
ROTEM: 1

To find out more about any study or ways you can be involved contact Dr. Sean Bagshaw, Director of Research at 780-248-1256, Nadia Baig, Research Manager at 780-492-3817, or visit our website at [www.ualberta.ca/critical-care/research](http://www.ualberta.ca/critical-care/research)