SQUEEZE STUDY

A prospective multi-centre international observational study of postoperative vasopressor use

Help us to find the evidence!

There seems to be a tendency that post-operative vasopressor usage has increased the last couple of years. This came simultaneously with the decrease of intra-operative fluid therapy.

The effect of post-operative vasopressor usage has never been evaluated.

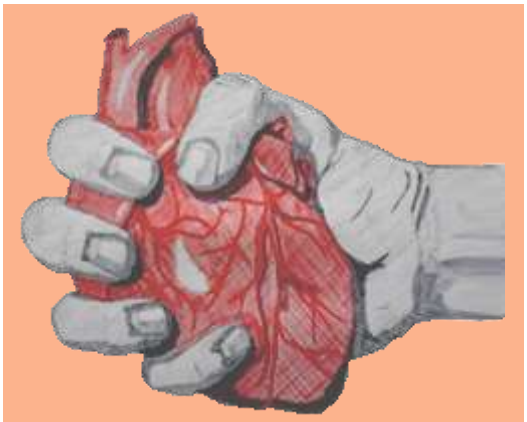
Additionally, we hypothesise that in patients receiving post-operative vasopressors is also a variation in the incidence of organ dysfunction, the use of organ support, and in clinical outcomes.

STEERING COMMITTEE

Ib Jammer (Norway), Ben Creagh-Brown (UK), Lui Forni (UK), Ramani Moonesinghe (UK) and Hannah Wunsch (Canada).

SAMPLE SIZE

≥20 centres from ≥20 countries
a total of ≥52,000 patients
Enrolment period of 12 months



RESEARCH QUESTIONS

1. What proportions of patients receive infused vasopressors postoperatively?
2. What are the characteristics of patients, surgery and anaesthesia that lead to vasopressor therapy postoperatively?
3. What is the incidence of organ dysfunction in patients who receive vasopressors postoperatively?
4. How much variability is there in postoperative vasopressor use between hospitals, & between healthcare environments?

HOW TO GET INVOLVED?

Each hospital will need a principal investigator to co-ordinate recruitment of participants:
Study in 2 Steps:

1. 100 consecutive patients* from each participating hospital to determine the incidence of vasopressor use and the factors associated with need for infused postoperative vasopressors (patient, surgery and anaesthetic).

2. 30 consecutive patients*that receive infused postoperative vasopressors.

*aged 18 years or over undergoing non-cardiac surgery (elective and emergency). Excluding day-case surgery.

CALL FOR CENTRES

Interested? fill in the online form
http://www.esahq.org/ctnform

All participating investigators will be listed as collaborators in the final publication.

SPONSOR

European Society of Anaesthesiology Clinical Trial Network (ESA CTN) sponsors this study.

ENDORSEMENT

The European Society of Intensive Care Medicine (ESICM) has endorsed this study.

Questions?

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The information on this flier is preliminary as study protocol is not final