Day 1 3 6 7

L-alanine- L-glutamine infusion for 5 days

Study 2

Study 1

Insertion microdialysis and ptiO₂
Insertion jejunal feeding tube

Admittance to ICU
BIS EEG- guided analgesia/ sedation
Insertion jugular venous catheter
Enteral nutrition

Observation phase (study 2)
Infusion-related effects:
cerebral microdialysis, ICP, CPP, ptiO₂, SjvO₂, plasma values, indirect calorimetry, lab values

Observation phase (study 1)