

Research Group **Haemodynamics in Anaesthesia and Critical Care**

- Name: Prof. Dr. med. Andreas Weyland
- Main research areas: Systemic and cerebral hemodynamics in anaesthesia and critical care, goal-directed therapy, septic shock.
- Interested in: quantification of cardiac preload and volume responsiveness, metabolic and hemodynamic cerebral consequences of anaesthesia, supportive therapy of sepsis,
- Expertise: Haemodynamic monitoring, determination of vascular critical closing pressure/zero-flow pressure, transcranial Doppler-sonographic monitoring, indicator dilution methods, clinical trials.
- looking for expertise in: f-MRI, MRS, f-NIRS
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