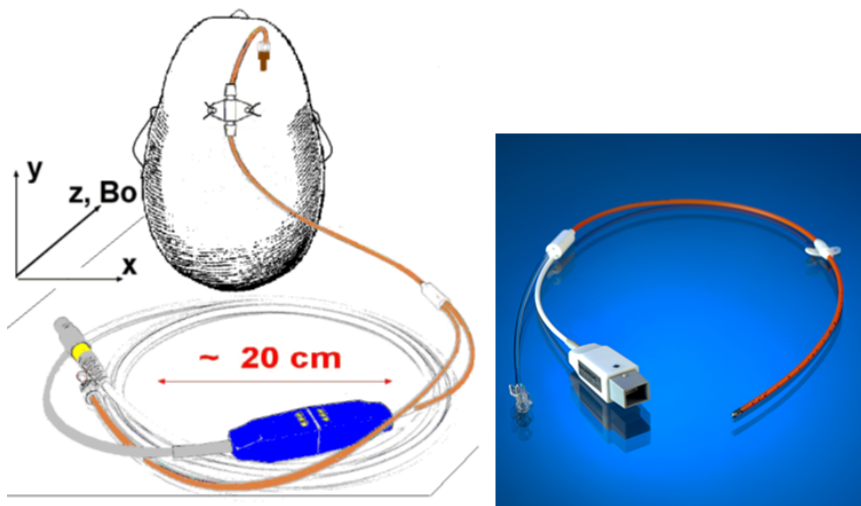


Kategori: Pasientbehandling	Gyldig fra/til: 01.02.2023/01.02.2025
Organisatorisk plassering: Helse Bergen HF/Radiologisk avdeling	Versjon: 3.00
Godkjenner: Torunn Øvre	Retningslinje
Dok. ansvarlig: Liv B Mekki m flere	Dok.id: D46758

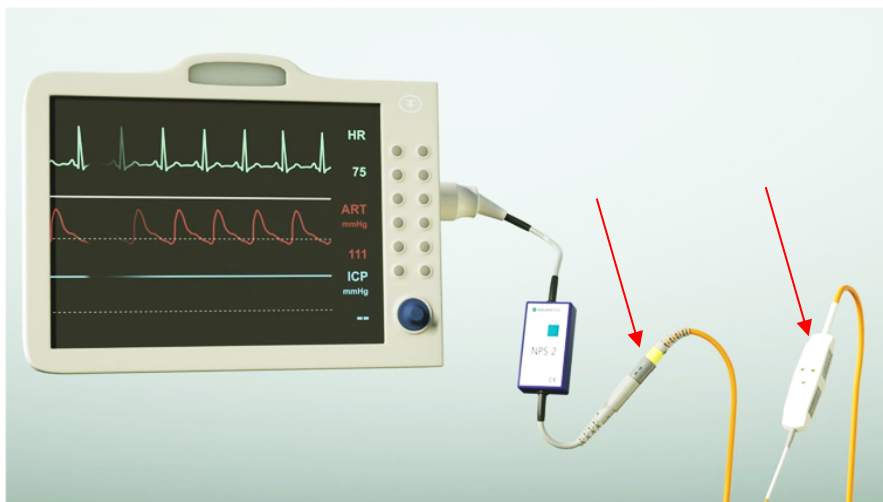
MR parameter:

Dette er krav for å undersøke pasienter med Raumedic ICP på en trygg måte:

- Static magnetic field B_0 1.5T og 3.0T
- Max romlig gradient ≤ 72 T/m (oppfyller krav når pas. ligger på MR bordet)
- Max head SAR: < 2.4 W/kg at 1.5 Tesla / < 3.2 W/kg at 3.0 Tesla
- Kjør "low SAR" på 1.5T.
- Max. kontinuerlig MR scan: 15 min.



Slik skal ledningene være kveilet opp når pasienten er i maskinen.
 OBS; når pasienten er i hodespole må ledningen kveiles ut bak spolen.
 Dette lar seg gjøre ved å legge en pute bak spolen hvor «kveilen» legges.



Klippet fra manual:

- ✓ It must be ensured directly before the MRI examination that the RAUMEDIC® precision pressure catheter functions correctly. If this is not the case then the positioned catheter may not be used for an MR examination!
- ✓ The RAUMEDIC® precision pressure catheter required a special positioning geometry for MRI examinations to safely prevent the probe tip from heating up.
- ✓ It must be ensured during the MRI examination that, before and during the examination during MR, there is **no disconnection** of the RAUMEDIC® accessories, PTO cables or ICPTMP cables used for the respective catheter!
- ✓ The low magnetic components of the plugs (on the cable and on the RAUMEDIC® precision pressure catheter) can lead to image artefacts of approx. 70 mm starting from the surface of the object. These components must be placed with sufficient distance to the anatomical regions of interest for imaging.
- ✓ The cable and the part of the catheter outside the patient must be positioned in coiled condition (loopdiameter approx. 20 cm, complies with approx. 3.0...3.5 coils) at the head of the patient. The cable coil must be set down at the headboard of the patient table in parallel (horizontally) to the static main magnetic field B₀! (see image) This positioning also prevents artefacts in the head of the patient from the electrical and optical plug.
- ✓ **Without the connecting cable being plugged in and coiled according to the above version** there is a heating risk during MRI 3T under worst case conditions!

