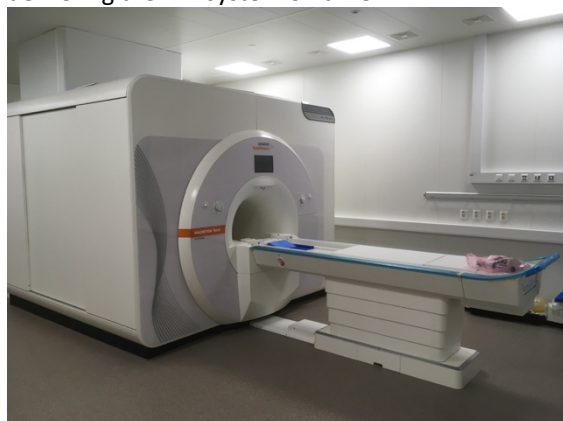




## NEWSLETTER #2-Nov 2019

### SCANNER IN OPERATION

After years of preparations we are proud to announce that the MAGNETOM Terra 7T is now in operation. We would like to thank St.Olav Eiendom and all the subcontractors for completing the building project as well as Siemens Healthineers for delivering the MR system on time.

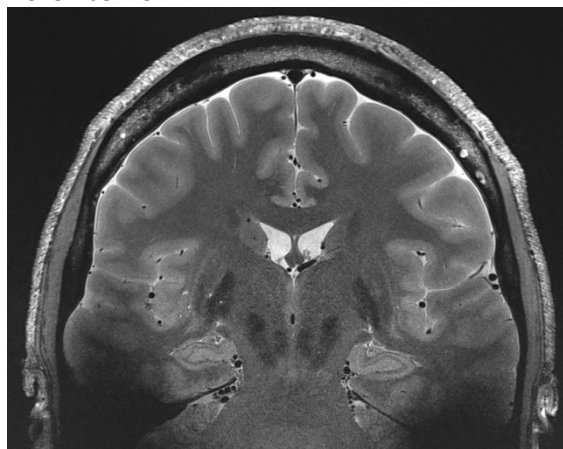


7 Tesla ready for action. Photo: Pål Erik Goa

### FIRST IN-VIVO SCANNING

This last week of November Ioannis-Angelos Giapitzakis, Global Clinical Education Specialist 7T MR from Siemens Healthineers HQ, is in Trondheim providing the first out of three weeks of application training.

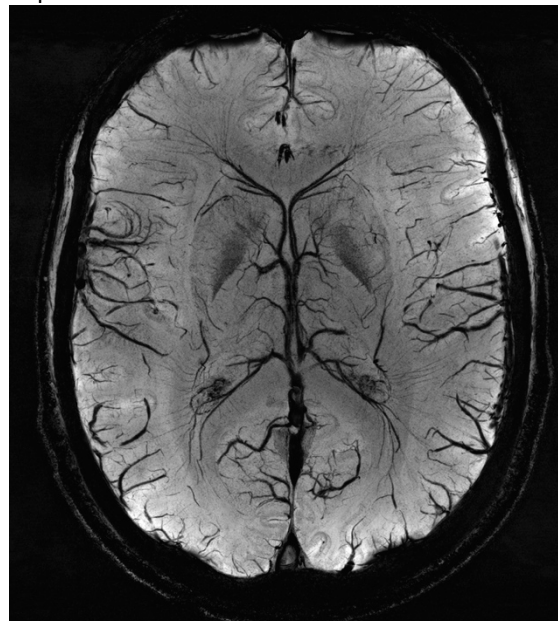
The very first volunteer was scanned on Monday November 25<sup>th</sup>.



Example coronal slice from the very first volunteer showing the hippocampus in excellent detail.

### SWI – WHERE 7 TESLA REALLY EXCELS

The increased field strength at 7T provides double value in susceptibility weighted imaging (SWI). This can be used to depict small vessels in the brain with unprecedented resolution.



Example SWI acquired on the first day of volunteer scanning Nov 25

### TRIAL PERIOD INVITATION TO USERS

From Dec 2<sup>nd</sup> there will be a 6 months trial period. During this time, we want as many users as possible to come visit the 7T Center and see what the new scanner can be used for, free of charge. We are approved to perform in-vivo scanning for purposes of piloting and protocol optimization. All dedicated research projects must have additional REK approval. Please contact us for more information and booking of your time slot!

### CONTACT

To learn more about us, please contact Pål Erik Goa on [pal.e.goa@ntnu.no](mailto:pal.e.goa@ntnu.no) or visit our website [www.ntnu.edu/mh/7tmr](http://www.ntnu.edu/mh/7tmr)