

Nationella testbädden för innovativ strålterapi

En gemensam testmiljö – alla Sveriges universitetssjukhus

Vetenskapliga publikationer

relaterade till MR-baserad strålterapi, publicerade under 2013

Titlarna är klickbara, länkar till respektive paper

1. *Improved quality of computed tomography substitute derived from magnetic resonance (MR) data by incorporation of spatial information – potential application for MR-only radiotherapy and attenuation correction in positron emission tomography.*

Adam Johansson, Anders Garpebring, Mikael Karlsson, Thomas Asklund & Tufve Nyholm.
Acta Oncologica

2. *Treatment planning of intracranial targets on MRI derived substitute CT data.*

Joakim H Jonsson, Adam Johansson, Karin Söderström, Thomas Asklund, Tufve Nyholm.
Radiotherapy and Oncology

3. *Bone contrast optimization in magnetic resonance imaging using experimental design of ultra-short echo-time parameters*

Anton Lindström, David Andersson, Adam Johansson, Mikael Karlsson, Tufve Nyholm.
Chemometrics and Intelligent Laboratory Systems

4. *Evaluation of an attenuation correction method for PET/MR imaging of the head based on substitute CT images.*

Anne Larsson, Adam Johansson, Jan Axelsson, Tufve Nyholm, Thomas Asklund, Katrine Riklund, Mikael Karlsson. Magnetic Resonance Materials in Physics, Biology and Medicine. February 2013, Volume 26, Issue 1, pp 127-136

5. *Variability in prostate and seminal vesicle delineations defined on magnetic resonance images, a multi-observer, -center and -sequence study.*

Nyholm T, Jonsson J, Söderström K, Bergström P, Carlberg A, Frykholm G, Behrens CF, Geertsens PF, Trepiakas R, Hanvey S, Sadozye A, Ansari J, McCallum H, Frew J, McMennamin R, Zackrisson B. Radiat Oncol. 2013;8:126.