



Course

PRINCIPLES OF ULTRASOUND AND QA

- Date:** Thursday 7th and Friday 8th of November 2019
- Organization:** MUSIC, Radiology & Nuclear Medicine, Radboudumc
- Location:** Radboud University Medical Center, Medical UltraSound Imaging Center, route 766, Geert Grooteplein 10, 6525 GA Nijmegen
- Target audience:** users QA4US software, medical physicists (i.t.), medical physics employees, Medical engineer and MD.
- Teachers:** Prof. C.L. de Korte PhD, G. Weijers BScEng, R. Hansen PhD
- Content:** Update on Physics and Technology of Medical Ultrasound (US)
Characteristics of Quality, Measurement Methods and Materials
QA4US: Protocol, practice and software to measure Imaging Quality objectively.

Program day 1: Conference room: St. Anna room, route 766

09.00 -09.30	Welcome, coffee/tea, introduction	C.L. de Korte
09.30 -10.30	Practical session: Basics of US I	All
10.30 - 11.00	Break	
11.00 -11.45	Basics of US imaging	C.L. de Korte
11.45 -12.30	Artefacts and Safety	R. Hansen
12.30 - 13.30	Lunch	Restaurant
13.30 -14.15	Doppler and Harmonic Imaging	R. Hansen
14.15 -15.00	Practical session: Doppler / Basics II	All
15.00 -15.30	Break	
15.30 - 17.00	Advanced Techniques	C.L. de Korte
17.00	End	

Program day 2: Conference room: St. Anna room, route 766,

09.00 -09.30	Welcome, coffee/tea	C.L. de Korte
09.30 -10.30	QA Aspects and Guidelines	G. Weijers
10.30 -11.00	Break	
11.00 -12.00	Introduction of software	G. Weijers
12.00 - 13.00	Lunch	Restaurant
13.00 - 16.00	Practical session QA4US	All
16.00 - 17.00	Evaluation and discussion	All
17.00	End	

Accreditation: Accreditation approved at the NVKF

Registration fee: € 395,- incl. coffee/tea, lunch, drinks and the QA4US software. After receipt of your payment at bank account IBAN: NL90ABNA0231209983 BIC: ABNANL2A quoting F000168 with indication of your name, your registration will be final.

Information: Sandra.vanHugten@radboudumc.nl

WWW.QA4US.EU