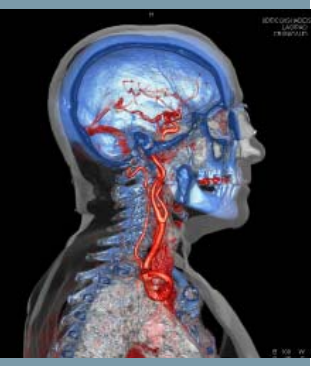

Clinical Workshop on Dual Energy Forchheim

Course design and objectives

The ability to simultaneously operate two X-ray sources at different energy levels – and therefore differentiate materials like fat, soft tissue, and contrast agent on the basis of their unique energy-dependent attenuation profiles – is opening the door to a host of clinically useful applications, e.g. Direct Angio, Lung PBV or Lung Vessels. This course is designed to assist you in applying these techniques, enhancing your clinical practice skills and providing you with insights on current and future developments. The course format is a combination of lectures and hands-on for post-processing.

- Details on physical principles of Dual Energy
- Introduction on data acquisition and image reconstruction
- Clinically proven tips and tricks on patient examination
- Interactive evaluation of data sets showing how to optimize data reconstruction and clinical results
- Supervised hands-on study of these data sets followed by interactive proof-reading and discussion
- For each application (e.g. Calculi Characterization, Virtual Unenhanced or Brain Hemorrhage) a minimum of 5 cases is available
- Demo of the Dual Energy features that are available with *syngo*.via

Dr. med. Dipl. oec. med. Thorsten R.C. Johnson

Dr. Johnson is an Associate Professor of Radiology and head of computed tomography at Grosshadern Hospital of Munich University. He studied medicine at Wuerzburg University, Zurich University and Harvard Medical School. He graduated in 2003 and received the medical doctor summa cum laude in 2004, winning the prize of the medical faculty of the University of Wuerzburg. He also graduated in medical economics in 2003. Since 2003, Dr. Johnson is a radiologist at Grosshadern Hospital of the Ludwig Maximilians University of Munich. His main areas of interest and research are cardiac imaging in CT and MRI and cardiovascular imaging as well as the evolving field of Dual Energy CT. Current projects include various applications of Dual Energy CT, coronary CT angiography, chest pain evaluation in CT, comprehensive evaluation of congenital heart disease in MRI and myocardial tagging including image post processing. He is a member of several national and international radiological societies. He also serves as reviewer and guest editor for several radiological journals. Also, he has been the author of more than 60 original articles and has been invited as speaker for more than 50 lectures, predominantly on CT imaging, in various countries. Currently, he is working on a textbook on Dual Energy CT.

Clinical Workshop on Dual Energy Forchheim / Germany

Answers for life.

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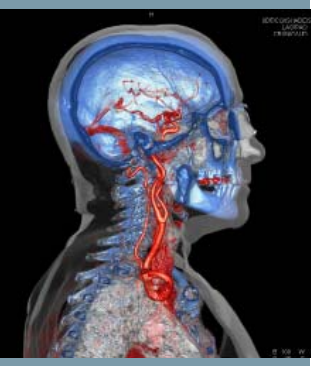

Date details:

March 30–31, 2012 (Course ID: CTDE0112)

November 02-03, 2012 (Course ID: CTDE0212)

Course hours:

Friday: 9:00 am to 5:30 pm
Saturday: 9:00 am to 4:00 pm

We will make hotel reservations for participants of the workshop in Erlangen.

A bus transfer will bring participants to the workshop venue in Forchheim.

Course Director:

PD Dr. Thorsten Johnson

Participants:

This course is intended for radiologists, who would like to deepen and expand their clinical knowledge and practical skills

Number of Participants:

Maximum 12 persons

Costs:

The course fee is €1,750.– incl. VAT including:

- Course material
- Coffee breaks
- Lunch breaks

Location:

Simon Hegele Building
Simon-Hegele-Str. 1
91301 Forchheim
Germany

Registration:

To register for this course please visit the Course Selector and search for the respective Course ID:
www.siemens.com/life-courses