Medical 3D printing hands-on course

Learn from experts about 3D printing in medicine and how to implement 3D printing at your site. Medviso will host a 3D printing in medicine – hands on course **April 23-24, 2019**.

Get hands on segmentation experience in orthopaedics, cardiopulmonary and maxillofacial cases. Each participant will work on individual workstations to get maximum hands-on experience. Meet peers and also have time to work on own cases overseen by experts. The course will be in English and is intended for medical professionals such as radiologist, cardiologists, surgeons, technicians, engineers that are interested in 3D printing, and want to learn more, or are preparing to start/starting 3D printing in their own hospital. For detailed program, please see next page for preliminary program.

The price for the course is 3200 SEK + VAT (25%). Participants from organisations outside Sweden do not need to pay VAT provided that valid VAT number is provided during registration. Price includes two lunches, course dinner and coffee. All participants will be equipped with an own computer during the course. After the course, all participants will receive one month software license for Segment 3DPrint, the software for 3D segmentation and modelling.

Register for the course by fill in the form on http://medviso.com/course-registration/. **Latest day of registration is March 10**. Payment is done by invoice and needs to be paid in full before March 20. If you have any questions, please email Christel Brandt Jepson at christel@medviso.com.

A minimum of 10 participants is required for the event to take place and the maximum number of participants is 20. Medviso reserves the right to cancel the course if there are fewer than 10 registered participants on March 11th. Course will be held in Lund, Sweden.

Date: April 23-24, 2019

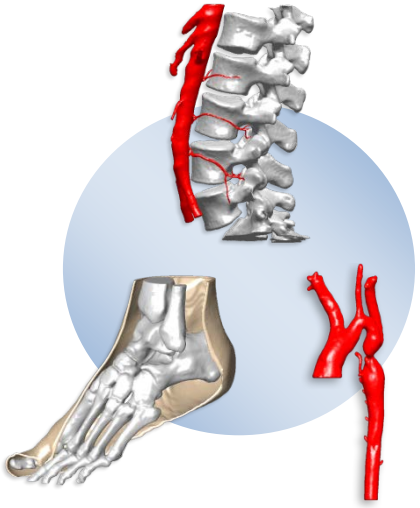
Location: Lund, Sweden

Price: 3200 SEK + VAT (25%)

Registration: http://medviso.com/course-registration/

Latest day of registration: March 10, 2019

During the course each participant will be equipped with a workstation for maximum hands-on experience



Preliminary schedule

Day 1, April 23

09:15	*Registration and coffee.*
09:45	*Introduction, welcome remarks, presentation round*
10:00	*Introduction to 3D printing in medicine. Process from imaging, segmentation and printing. What can it be used for? Evidence.*
10:20	*Introduction to 3D segmentation software Segment 3DPrint*
10:45	*Coffee.*
11:00	*Initial hands-on pass 1*
12:00	*Lunch / networking.*
13:00	*What the surgeon whish for (Invited surgeons)*
13:20	*Initial hands-on pass 2*
14:00	*Inside the 3D printer. Different printing techniques, materials, pros and cons. Emerging techniques.*
14:45	*Coffee.*
15:00	*Preparing models for printing, common mistakes and what not to do. Support structures. Printing in parts. Multilayer printing.*
15:30	*Hands-on virtual reality (Group 1). Preparing models for printing (Group 2).*
16:15	*Hands on virtual reality (Group 2). Preparing models for printing (Group 1).*
17:00	*End of day one (optional continue working on segmentation/virtual reality)*
19:00-	*Course dinner.*

Day 2, April 24

08:30	*Questions / Answers.*
08:40	*Imaging considerations for 3D printing. Optimizing protocols. (CT/MRI).*
09:00	*Hands-on (cardiopulmonary / own cases).*
09:45	*Coffee.*
10:00	*Cutting guides, design considerations.*
10:15	*Hands-on (orthopaedics / own cases).*
11:00	*Hands-on (maxillofacial / own cases)*
12:00	*Lunch + networking.*
13:00	*System for Quality assurance of 3D printing. keeping track of models, storage of models.*
13:15	*Starting a 3D lab, practical considerations. Experiences from Karolinska, Lena Gordon-Murkes.*
14:00	*Building a business case / what is a reasonable budget.*
14:15	*Hands-on (mix cases / own cases)*
15:00	*Coffee*
15:15	*Hands-on (mix cases / own cases)*
16:00	*Questions and answers + course diplomas + evaluation*
16:30	*Course ends*