Introduction

One of the most rapidly expanding areas in the field of radiology today is image-guided therapy of localized tumors. Minimally invasive interventional radiology procedures have evolved from experimental procedures performed in limited patient populations with no surgical options to well recognized clinical procedures that are now being performed routinely in virtually all major academic hospitals and tertiary medical centers worldwide.

Thus, we have witnessed the overall maturation of the new radiologic subspecialty - interventional oncology - that has garnered substantial worldwide interest and enthusiasm. The high degree of interest in these techniques is reflective of the utility of the methods and the continued dramatic technical advances and refinements in image-guided tumor therapy, the marked expansion of techniques to allow treatment of disease in more organs and tumor types.

Yet, on the basis of the extensive nature of this rapid growth, there is now a strong need for a systematic review encompassing advanced imaging techniques (e.g. cone-beam CT) and treatment options with a focus on transarterial chemoembolization with drug eluting beads.

The workshop is intended for physicians who currently have some base proficiency in interventional oncology or for those who want to update their knowledge in dedicated, minimal-invasive cancer care. The workshop incorporates a live case of radiopaque drug eluting beads chemoembolization and didactic instructions with practical, hands-on training. In different presentations the armamentarium of minimal-invasive treatment options of liver tumors will be addressed. Clinical application will be emphasized through lectures ranging from thermal ablation to radioembolisation.

We are looking forward to welcome you in Munich for this unique workshop on minimal-invasive cancer care.

PD Dr. med. Tobias F. Jakobs
PD Dr. med. Johannes Rieger
Program

DAY 1 (24TH OF FEBRUARY, 2017)

11:30  Get together

12:00  Introduction of Workshop / Training Program
       PD Dr. Tobias Jakobs

12:15  Management of mCRC: Where and when does Interventional Oncology fit?
       Prof. Dr. Christian Rust

12:45  Surgery in mCRC and HCC: Where are the limits?
       PD Dr. Johann Spatz

13:15  Presentation of the live-case
       PD Dr. Tobias Jakobs

13:30  Live-case Chemoembolisation with radiopaque Drug Eluting Beads
       In parallel (split in groups):
       – Hands-on device training; BTG
       – Hands-on postprocessing workstation; Siemens
       – Hands-on training power-injector; Medtron

15:30  Coffee Break

16:00  Management of mCRC: RFA - MWA - TACE - SIRT
       PD Dr. Tobias Jakobs

16:30  Management of HCC: RFA - MWA - TACE - SIRT
       PD Dr. Tobias Jakobs

17:00  syngo DynaCT with syngo Embolization Guidance: Gadget or must-have in Interventional Oncology?
       PD Dr. Tobias Jakobs

17:30  Particles and Beads in Embolization Procedure
       Dr. Tim Sattler

18:00  End of Part 1

19:00  Get Together / dinner

DAY 2 (25TH OF FEBRUARY, 2017)

09:00  Welcome

09:05  Interactive case discussion (bring your own case)
       PD Dr. Tobias Jakobs / Prof. Dr. Bernhard Meyer

10:00  Contrast-enhanced syngo DynaCT of the liver:
       Injection protocols and utilization for IO
       Prof. Dr. Bernhard Meyer

10:45  Coffee Break

11:15  Imaging with syngo DynaCT,
       syngo DynaCT-guided punctures
       Prof. Dr. Bernhard Meyer

11:45  Wrap-up and delivery of training certificates

12:15  End of course

12:15  Optional
       In parallel (split in groups):
       – Hands-on device training; BTG
       – Hands-on training power-injector; Medtron

13:15  End of workshop

The workshop is accredited by the Bavarian Medical Association.

Register here: www.iomunich2017.com
Registration fee: 175 €

Speakers

PD Dr. med. Tobias F. Jakobs
Clinic of Diagnostic and Interventional Radiology
Hospital Barmherzige Brüder Munich

Prof. Dr. med. Bernhard Meyer
Institute of Diagnostic and Interventional Radiology
MHH Hannover Medical School

Prof. Dr. med. Christian Rust
Clinic of Internal Medicine and Gastroenterology I
Hospital Barmherzige Brüder Munich

Dr. med. Tim Sattler
Clinic of Diagnostic and Interventional Radiology
Hospital Barmherzige Brüder Munich

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Organizer

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