

## 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 imageguided 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.

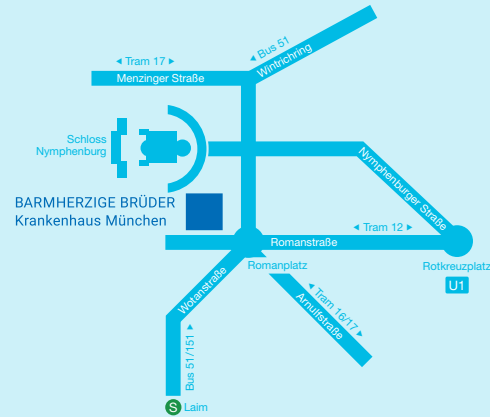
The workshop is intended for physicians who currently have some base proficiency in interventional oncology or for those who want to update their knowledge in dedicated, minimal-invasive cancer care. The workshop incorporates a live case of radiopaque drug eluting beads chemoembolization and didactic 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

## Directions



**BARMHERZIGE BRÜDER  
Krankenhaus München**

### Hospital Barmherzige Brueder Munich

Romanstr. 93, 80639 Munich

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www.barmherzige-muenchen.de

Register here: [www.iomunich2017.com](http://www.iomunich2017.com)  
Registration fee: 175 €

### HOW TO GET THERE

- S-Bahn until Laim, then bus 51 or 151 until Romanplatz  
or
- Tram 16 or 17 until Romanplatz (also from central station)  
or
- Bus 51 from Moosach train station or bus 151 from Westfriedhof until Romanplatz  
or
- U1 (Subway) until Rotkreuzplatz, then tram 12 until Romanplatz

WORKSHOP

## INNOVATIONS IN INTERVENTIONAL ONCOLOGY

Clinic of Diagnostic and Interventional Radiology  
24th - 25th of February 2017 | Conference Area  
Hospital Barmherzige Brueder Munich



**BARMHERZIGE BRÜDER  
Krankenhaus München**

# 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)

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- 09:00 Welcome
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- 09:05 Interactive case discussion (bring your own case)  
PD Dr. Tobias Jakobs / Prof. Dr. Bernhard Meyer
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- 10:00 Contrast-enhanced *syngo* DynaCT of the liver:  
Injection protocols and utilization for IO  
Prof. Dr. Bernhard Meyer
- 
- 10:45 Coffee Break
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- 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.

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Registration fee: 175 €

# Speakers

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

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

PD Dr. med. Johann Spatz  
Clinic of Surgery  
Hospital Barmherzige Brueder Munich

# Organizer

## EUROKONGRESS

Congress + Event + Exhibition Management

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