

# Clinical Workshop: Basic Cardiovascular Magnetic Resonance

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Starts Thursday June 15th 2017 - 1 pm and will end on  
Saturday June 17th 2017 - 1 pm

This workshop offers introductory training for both cardiologists and radiologists on the principles and clinical applications for CMR. We will cover the most important clinical aspects of CMR integrating lectures, hands-on case interpretations and live clinical scanning at both 1.5 and 3 Tesla systems. The cases reviewed during this course can be used to contribute to a logbook of cases needed for certification in CMR.

PROGRAMME OVERVIEW:

course director: PD Dr. Rolf Gebker

## Specifically, the following topics are covered:

### How to do:

- LV/RV Anatomy & Function
- Stress Perfusion & Dobutamine stress
- T1/T2/T2\* mapping
- LGE & image the coronaries

### CMR in:

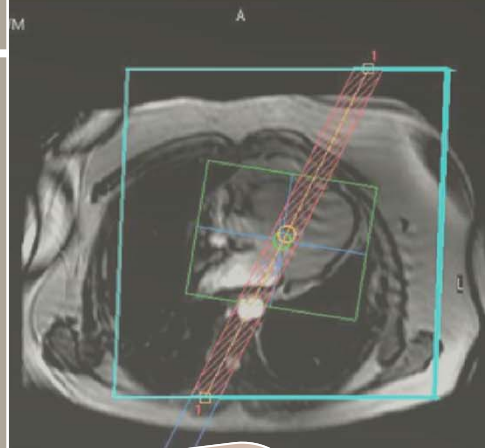
- ischemic heart disease & valvular heart disease
- non-ischemic cardiomyopathies
- Myocarditis
- pericardial disease
- cardiac masses
- congenital heart disease

### The Basics of CMR Physics & Safety

### Case Reading :

- myocarditis, non-ischemic cardiomyopathies
- ischemic heart disease
- valves, pericardium, masses & congenital

### Imaging Artefacts and Troubleshooting



Live cases at the  
scanner - Stress  
Perfusion Imaging



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