



Breast



Lung



Pancreas



Rectum



Prostate

**5** Indications of Cancer  
treated with a maximum of  
**5** Fractions of Precision Radiotherapy?

**5x5**

Department of Radiation Oncology

## **5x5 – Will 5 fractions of precision radiotherapy suffice?**

Virtual sessions

# Welcome

Dear colleagues

Traditionally, a course of radiotherapy extended over several weeks, aiming especially at normal tissue protection. Technological advances combined with a better understanding of radiobiology have allowed a fundamental change of radiotherapy to treatment with a substantially reduced number of highly-focussed fractions.

Precision radiotherapy can today be delivered in only one week or less. This not only reduces the burden to our patients, but also allows a better integration of radiotherapy into multi-modality treatment concepts. Improved cost-effectiveness is another advantage of radio-therapy with only few ambulatory visits.

This virtual «5x5» symposium will summarize the current evidence for radiotherapy of breast, lung, pancreatic, prostate and rectal cancer in only maximum five fractions. International experts will explain the rationale for extreme hypofractionation, the available evidence for or against 5-fraction radiotherapy and relevance for interdisciplinary cancer care.

The virtual symposium will be structured in 5 weekly sessions, of each 55 minutes. Each session will focus on one tumor entity and each session can be attended separately. We are looking forward to an interesting meeting with room for interactive discussion.

Kind regards



Matthias Guckenberger, Prof. Dr. med.  
Director of Department, Department of Radiation Oncology

# Program

May 20th, 17.00 – 17.55 h

## 5 Fraction Radiotherapy in Rectal Cancer

**17.00 h Welcome and Introduction**

Matthias Guckenberger, Prof. Dr., USZ

**17.05 h From 28 to 5 Fractions in Total Neoadjuvant Radio(chemo)therapy for Rectal Cancer**

Claus Rödel, Prof. Dr., University Hospital Frankfurt, Germany

**17.40 h Innovation beyond fractionation: How to Increase the Rate of Organ Preservation in Rectal Cancer?**

Panagiotis Balermipas, PD Dr., USZ

**17.50 h Discussion**

May 27th, 17.00 – 17.55 h

## 5 Fraction Radiotherapy in Breast Cancer

**17.00 h Welcome and Introduction**

Matthias Guckenberger, Prof. Dr., USZ

**17.05 h From 25 to 5 Fractions in Adjuvant Radiotherapy for Breast Cancer**

Murray Brunt, Prof. Dr., Keele University, School of Medicine, UK

**17.40 h Innovation beyond fractionation: Neoadjuvant Radiotherapy in Breast Cancer?**

Paula Tsoutsou, Prof. Dr., HUG

**17.50 h Discussion**

June 3rd, 17.00 – 17.55 h

## 5 Fraction Radiotherapy in Prostate Cancer

**17.00 h Welcome and Introduction**

Matthias Guckenberger, Prof. Dr., USZ

**17.05 h From 40 to 5 Fractions in Definitive Radiotherapy for Prostate Cancer**

Nicholas van As, Dr., Royal Marsden Hospital London, Institute of Cancer Research, UK

**17.40 h Innovation beyond fractionation: MRI-guided Adaptive Radiotherapy in Prostate Cancer?**

Nicolaus Andratschke, Prof. Dr., USZ

**17.50 h Discussion**

June 10th, 17.00 – 17.55 h

## 5 Fraction Radiotherapy in Pancreatic Cancer

### 17.00 h Welcome and Introduction

Matthias Guckenberger, Prof. Dr., USZ

### 17.05 h 5 Fractions SBRT in Locally Advanced Pancreatic Cancer

Maria Hawkins, Prof. Dr., University College London, UK

### 17.40 h Innovation beyond fractionation: SBRT for Palliation in Pancreatic Cancer?

Matea Pavic, Dr., USZ

### 17.50 h Discussion

June 17th, 17.00 – 17.55 h

## 5 Fraction Radiotherapy in Lung Cancer

### 17.00 h Welcome and Introduction

Matthias Guckenberger, Prof. Dr., USZ

### 17.05 h From 33 over 5, to 1 Fraction in Non-small Cell Lung Cancer

Suresh Senan, Prof. Dr., Amsterdam University Medical Centers, The Netherlands

### 17.40 h Innovation beyond fractionation: SBRT Combined with Immunotherapy for Stage IV NSCLC?

Matthias Guckenberger, Prof. Dr., USZ

### 17.50 h Discussion

Please register under this [Link](#). The link for participation via zoom will be sent after your registration. Participation is free of charge and credits will be awarded (SSRO and SGMO). The lectures will be held in English in the presence of international speakers.

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