We use our know-how to support healthcare.

Founded in 2009 by the amalgamation of three practices, Radiologische Allianz is headed by leading medical experts. At our center 52 highly qualified doctors are working in twelve diagnostics and radio oncological practices, offering our patients a complete package of radiology, nuclear medical and radiation oncology.

Our broad expert knowledge provides the foundation for the highest level of diagnosis and therapy. In combination with the most modern equipment, we aim to provide our patients with the best possible care and earliest possible diagnosis. Through our diverse diagnostic and therapeutic capabilities we can offer an individually planned therapy of tumor diseases. We are also aware that technology is only as good as the people working with it. It can neither replace the knowledge of a specialist, nor doctors working together on a skilled level. It is therefore very important to us to serve our patients with the highest possible technical expertise. To achieve this aim our highly qualified team is available anytime.
Vincent Jöst, M.Sc.
Medical Physicist

Main focus:
• Development of New Treatment Techniques (VMAT IMRT)
• Multi Modality Treatment Planning (MR, DE-CT, PET/CT)
• Machine and Patient QA
• 4D Motion Management

Marcello Sabatino, M.Sc.
Medical Physicist

Main focus:
• Multi Modality Treatment Planning (MR, DE-CT, PET/CT)
• VMAT, SRT, SBRT
• Research
• Radiosurgery

Marzieh Ndawula, M.Sc.
Medical Physicist

Main focus:
• SBRT, Radiosurgery
• Development of New Treatment Techniques in FFF-Mode
• Machine and Patient QA
• 4D Motion Management

Mandy Zimmermann, M.Sc.
Medical Physicist

Main focus:
• 3D CRT, VMAT
• Machine and Patient QA
• Clinical ARIA Administration

RADIATION ONCOLOGY TEAM

Prof. Dr. med. Florian Würschmidt
Radiation Oncologist
Vice Managing Director

Main focus:
• Management and Research
• Breast Cancer
• Lung and Liver Cancer; SBRT
• Radiosurgery

Dr. med. Jörg Dahle
Radiation Oncologist
Associate

Main focus:
• Breast Cancer
• Malign Lymphomas
• Lung Cancer, SBRT

Dr. med. Christian Giro
Radiation Oncologist
Associate

Main focus:
• Head and Neck
• Lung Cancer
• Radiosurgery

Dr. rer. medic. Matthias Kretschmer
Medical Physicist

Main focus:
• Management and Research
• VMAT, SRT, SBRT
• Therapy without Flattening Filter
• Radiosurgery

Dipl.-Ing. Sebastian Clös
Medical Physicist

Main focus:
• VMAT, SRT, SBRT
• Software Development and Clinical ARIA Administration
• Patient Safety
• Machine and Patient QA

Dipl.-Ing. Sebastian Heyden
Medical Physicist

Main focus:
• VMAT, SRT, SBRT
• Machine and Patient QA
• Research
• 3D Dosimetry
• Radiosurgery

Dipl.-Ing. Astrid Kasch
Medical Physicist

Main focus:
• SBRT, Radiosurgery
• Machine and Patient QA
• 4D Motion Management
• 3D Dosimetry

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Radiation Oncologist
Associate

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Medical Physicist

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Sebastian Munzert, M.Sc.
Medical Physicist

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• 3D Dosimetry

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• Machine and Patient QA
• 4D Motion Management
Shared IT Infrastructure:

**Treatment Planning:**
- Eclipse™
- Treatment Planning System V15.6
- Leksell GammaPlan® SRS Planning

**Data and Image Management System:**
- ARIA® Oncology
- Information System V15.5

Radiologische Allianz, Mörkenstrasse 47, Hamburg

**Imaging:**
- Siemens – SOMATOM® Definition Open
- Siemens – Biograph™ 16 PET/CT
- Siemens-GoUp RT

**Linear Accelerators:**
- TrueBeam® System
  - Millennium™ 120-leaf MLC
  - kV Imaging
  - MV Imaging
  - Respiratory Gating RGSC
  - Advanced IGRT and Motion Management Package
  - SRS/SRT Option
- TrueBeam® STx System
  - High Definition HD 120™ Multileaf Collimator
  - kV Imaging
  - MV Imaging
  - Respiratory Gating RGSC
  - SRS/SRT Option
  - Advanced IGRT and Motion Management Package

Radiologische Allianz, Im Quartier 21, Andreas-Knack-Ring 16, Hamburg

**Imaging:**
- Siemens – SOMATOM Definition AS20 Open

**Linear Accelerators:**
- Halcyon™ System
  - KV-imaging with iterative CBCT
  - Dual layer MLC with 5mm beam shaping resolution
  - IMRT and RapidArc delivery
  - Dynamically Flattened Beam
- TrueBeam System
  - Millennium 120-leaf MLC kV Imaging
  - MV Imaging
  - Respiratory Gating RGSC
  - Advanced IGRT and Motion Management Package
  - SRS/SRT Option
- Clinac iX-DHX
  - Millennium 120-leaf MLC
  - On-Board Imager® kV Imaging System
  - PortalVision aS1000
  - RapidArc Delivery

Other Therapy Units:
- Zeiss – INTRABEAM® System
- GammaKnife® - Perfexion™