

FELLOWSHIP IN STRUCTURAL & INTERVENTIONAL CARDIOLOGY

INNOVATION. INTERVENTION. EDUCATION.

Training the next generation of physician-scientists
in structural heart disease, coronary intervention
and heart failure therapies.

>15
INTERNATIONAL
FELLOWS HOSTED
SINCE 2014



**A LEADING CENTRE FOR
STRUCTURAL HEART
INTERVENTIONS**



>600

TAVR
procedures
annually

Including one of the
world's largest
programmes for
treatment of pure
aortic regurgitation
(JenaValve)



>300

Mitral & Tricuspid
valve interventions
annually

National and
internationally
recognized expertise
in TEER



**LARGE
PROGRAMMES**

- TMVR
- TTVR
- Pulmonary
valve interventions



**NOVEL HEART
FAILURE
THERAPIES**

- LA shunts
- Neuromodulation
- Ventricular
restoration



**ADVANCED
IMAGING**

CT • ICE
3D Echocardiography
Multimodality
imaging expertise



ADVANCED CORONARY & INVASIVE PHYSIOLOGY PROGRAMME



>5,000
coronary angiographies
annually



Complex PCI
including CTO



Mechanical circulatory
support (MCS)



Established coronary
physiology programme
(FFR, iFR, RFR)



Coronary microvascular
function & vasospasm
assessment



IVUS & OCT



Advanced hemodynamic
assessment



Exercise right heart
catheterization



Pressure-volume
loop analyses

From coronary physiology to advanced heart failure hemodynamics.

INNOVATION & RESEARCH



Investigator-Initiated Trials



International Randomized Trials



First-in-Human Studies



Large Multicentre Registries



Translational Research

Fellows actively participate in our
single-centre experiences, large
multicentre registries, investigator-
initiated trials (IITs) and international
randomized controlled trials.

Low threshold for publications and
initiation of own retrospective or
prospective projects.

Opportunity to present at
EuroPCR, PCR London Valves,
TCT, ESC, AHA and more.

RESEARCH AREAS



Structural
Heart Disease



Heart
Failure



Pulmonary
Hypertension



Coronary
Physiology



Cardiovascular
Imaging

EDUCATION & TRAINING



Daily
Heart Team
Conferences



Weekly
Structural
Conference



Weekly
Coronary
Conference



Weekly
Cath Lab
Teaching



Hands-on
Workshops &
Simulator Training



Individual
Mentorship &
Progressive
Responsibility



Scientific
Project &
Publication
Support



Active
Participation in
International
Congresses

WHY CHOOSE MAINZ?



One of Germany's
leading structural
heart centres



Innovation &
first-in-human
studies



Outstanding
academic
opportunities



Individual
mentorship &
team spirit



International
fellowship
community



Mainz – in the heart of
the Rhine-Main region:
vine culture, Rhine
river & excellent
quality of life



25 min from
Frankfurt
International
Airport



**WHERE INNOVATION
MEETS MENTORSHIP.**

TRAIN. INNOVATE. IMPACT.



**STRUCTURAL HEART DISEASE PROGRAM
UNIVERSITY MEDICAL CENTER MAINZ**

Prof. Dr. Philipp Lurz
Program Director

Prof. Dr. Karl-Philipp Rommel
Deputy Program Director

www.unimedizin-mainz.de/kardiologie