

Preclinical Imaging Platform Erlangen (PIPE)
Institute of Radiology
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Preclinical Imaging Platform Erlangen (PIPE): Usage regulations and fees

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The Preclinical Imaging Platform Erlangen (PIPE) is a non-profit organization within the Institute of Radiology, University Medical Center Erlangen. PIPE offers dedicated small animal imaging devices to internal (Friedrich-Alexander Universität Erlangen-Nürnberg) or external users. The conditions for using multimodal imaging scanners are as follows.

1) Staff

Prof. Dr. Tobias Bäuerle, Head of PIPE
Dipl. Phys Jutta Janke, Scientific support
Dr. Clarissa Gillmann, Scientific support
Dr. Marc Schwarz, Scientific support

Responsibility for the below-mentioned regulations: Prof. Uder and Prof. Bäuerle
Responsibility for technical and scientific matters: Prof. Bäuerle

2) Applicability

The usage regulations and fees are applicable for all users.

3) Equipment

PIPE offers small animal imaging devices including magnetic resonance imaging (MRI), computed tomography (CT), positron emission tomography (PET), single photon emission computed tomography (SPECT) and ultrasound (US). The following devices are available:

ClinScan, Bruker (Ultra high-field MRI 7 Tesla)
Inveon, Siemens (hybrid scanner μ CT/PET/SPECT)
Elegra, Siemens (ultrasound device)

Equipment includes further hard- and software for dedicated small animal use (e.g. small animal coils for MRI and dedicated software for post-processing and data evaluation).

4) Rates

The given standard hourly rates for usage of imaging devices include personnel for operation of scanners as well as animal handling, but no consumables, which are charged additionally.

A reduced standard hourly rate for MRI can be offered for measurements longer than 3 hours (ex vivo imaging).

Scientific support includes the evaluation of individual projects, establishment of imaging protocols (adjustment of imaging techniques etc.), post processing of imaging data and quantification of imaging results.

PIPE reserves the right to adapt and adjust the usage fees in due time.

MRI (regular):	150 EUR/h
MRI (long):	57 EUR/h
CT:	59 EUR/h
PET/SPECT:	80 EUR/h
Ultrasound:	50 EUR/h
Scientific support:	43 EUR/h

5) Usage regulations

Imaging service is available to internal and external users. Usage has to be scheduled in advance by contacting the above-mentioned staff of PIPE. Imaging hours are usually offered upon request ("first come, first serve"), but might be prioritized in case of overbooking as follows:

- a. In vivo imaging is prioritized over ex vivo demands (in vivo imaging is performed during regular working hours (Monday to Friday, 8 am to 5 pm; ex vivo and long-term measurements might be shifted to nights or weekends)
- b. For in vivo imaging, animals are grouped according to comparable hygiene status in consensus with the central animal facility
- c. Internal demands are prioritized over external requests

For safety reasons, operation of imaging devices is performed by the PIPE staff only.

6) Data storage

Imaging data are stored in a dedicated picture archiving and communicating system (PACS). Data post processing including quantified data is not regularly archived.



Prof. Dr. M. Uder



Prof. Dr. T. Bäuerle