

# Resource Summary Report

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## University of Pennsylvania Perelman School of Medicine Nuclear Medicine Physics and Instrumentation Group Core Facility

RRID:SCR\_022423

Type: Tool

### Proper Citation

University of Pennsylvania Perelman School of Medicine Nuclear Medicine Physics and Instrumentation Group Core Facility (RRID:SCR\_022423)

### Resource Information

**URL:** <https://www.pennmedicine.org/departments-and-centers/department-of-radiology/radiology-research/labs-and-centers/quantitative/physics-and-instrumentation-group>

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**Description:** Core focuses on imaging in nuclear medicine, and engages in collaboration with clinicians and research investigators to optimize new instruments for applications in both clinical and pre clinical (animal) imaging scenarios. Offers equipment to build, test and characterize detectors for PET imaging, operates cluster of high powered Linux computers, which reconstruct, process, and analyze imaging data. Focuses on technology, which increases signal to noise of reconstructed images for whole body studies. Conducts research on SPECT imaging with emphasis on applications to small animal and brain imaging, oversees operation of cyclotron and imaging probe synthesis facilities.

**Synonyms:** University of Pennsylvania Perelman School of Medicine Nuclear Medicine Physics & Instrumentation Group, Nuclear Medicine Physics & Instrumentation Group

**Resource Type:** access service resource, core facility, service resource

**Keywords:** USEDit, ABRF, imaging in nuclear medicine, PET imaging

**Resource Name:** University of Pennsylvania Perelman School of Medicine Nuclear Medicine Physics and Instrumentation Group Core Facility

**Resource ID:** SCR\_022423

**Alternate IDs:** ARBF\_1429

**Alternate URLs:** <https://coremarketplace.org?citation=1&FacilityID=1429>

**Record Creation Time:** 20220602T050140+0000

**Record Last Update:** 20260919T195947+0000

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## Ratings and Alerts

No rating or validation information has been found for University of Pennsylvania Perelman School of Medicine Nuclear Medicine Physics and Instrumentation Group Core Facility.

No alerts have been found for University of Pennsylvania Perelman School of Medicine Nuclear Medicine Physics and Instrumentation Group Core Facility.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.