NOVARTIS

Imaging Specialist Quantitative Imaging & Dosimetry Support

Job ID
REQ-10090002
Oct 23, 2026
LOC_IN

About the Role

Key responsibilities

- Perform technical quality review of PET, SPECT, CT, MRI and other clinical-trial imaging datasets, assessing protocol adherence, completeness, acquisition parameters, metadata, reconstruction settings, calibration documentation and suitability for analysis.
- Review image-derived datasets and dosimetry deliverables against established requirements, including segmentation outputs, lesion-tracking information, quantitative measurements, calibration documentation and associated records.
- Conduct structured verification checks to identify discrepancies, outliers and potential technical concerns, then prepare accurate, complete and traceable datasets for expert review.
- Support targeted image reviews and structured deep-dive re-evaluations when image-quality concerns, unexpected findings, data discrepancies or technical questions arise.
- Execute defined image analyses, measurements, summaries, reports and visualisations under established procedures, escalating matters that require scientific interpretation or methodological decisions.
- Support phantom-based qualification and quantitative imaging assessments, including recovery coefficients, calibration factors, performance metrics, measurement uncertainty, reproducibility and consistency across scanners or studies.
- Contribute to process improvements, templates, work instructions, tracking tools and standard practices, while coordinating with internal stakeholders and technical service-provider contacts to resolve data-quality questions through established channels.
- Coordinate with internal stakeholders and, where needed, technical contacts at imaging or dosimetry service providers to clarify deliverables and resolve data-quality questions, without owning the vendor relationship; provide limited technical input on site-generated imaging or qualification materials through established channels rather than serving as the primary site contact.

Essential requirements

- Bachelor's degree in Medical Physics, Biomedical Engineering, Imaging Science, Nuclear Medicine Technology, Radiologic Sciences, Physics, Engineering, Life Sciences, Computer Science or a related scientific discipline.
- Experience working with clinical imaging data in an imaging core laboratory, imaging service provider, healthcare imaging environment, pharmaceutical development organisation or a related setting.
- Practical experience supporting PET, SPECT, CT, MRI or other medical imaging modalities, with familiarity with DICOM data, image metadata and clinical imaging workflows.
- Experience in image review, image-quality assessment, technical data review, quality-control activities or quantitative imaging support.
- Strong analytical, organisational and problem-solving skills, with close attention to detail and a clear commitment to data quality, traceability and compliance.
- Ability to work effectively in cross-functional teams and communicate technical findings clearly in spoken and written English.
- Experience or exposure in one or more relevant areas such as clinical-trial imaging, nuclear medicine, molecular imaging, radioligand therapy, theranostics, phantom qualification, image quantification, calibration assessment, segmentation, dosimetry workflows or imaging-analysis tools.

Desirable requirements

- Hands-on experience with imaging-analysis tools or scripting environments such as MIM, PMOD, Flywheel, MATLAB or Python.
- Exposure to regulated clinical development, Good Clinical Practice, controlled documentation or audit-ready data processes.

Why Novartis

Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other. Combining to achieve

breakthroughs that change patients' lives. Ready to create a brighter future together?

https://www.novartis.com/about/strategy/people-and-culture

Benefits and Rewards

Learn about all the ways we'll help you thrive personally and professionally.

Read our handbook (PDF 30 MB)

Role Requirements

Division
DIV_RE
Business Unit
Research
Location
LOC_IN
Site
Hyderabad (Office)
Company / Legal Entity
IN10 (FCRS = IN010) Novartis Healthcare Private Limited
Functional Area
FCT_RD
Job Type
Full time
Employment Type
Regular
Shift Work
No
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