**Job title**: Senior Physicist – Monte Carlo Simulation

**Department**: Physics, R&D

**Company**: Elekta Beijing Medical Systems Co. Ltd

**Location**: Beijing

## **Responsibilities**

Your responsibilities will include but not limited to:

* Simulation, calculation and analysis for beam and dosimetry related topics in radiation therapy;
* Physics design and analysis for related components within medical linac;
* Physics support and solution in new-product-creation project or maintenance project;
* Physics documents & reports creating/maintaining during the whole project development phase;
* Physics studies for new feature concept exploration project or localization/low cost engineering project;
* Production line & customer support for physics related issues;
* Standards & regulations support;
* Support of scientific collaborations with universities & hospitals:
* Innovations & patents; publications & conferences

## **Requirements**

* Master degree or above in relevant discipline, especially radiation therapy, nuclear science/technology & applications, medical physics or imaging; PhD is a plus
* > 3 years of research/working experience in fields of radiation physics & application, dosimetry, and Monte Carlo simulation with demonstrated track records (e.g. projects, patents or publications in peer-reviewed journals); multidisciplinary experience with linac treat head system/component (e.g., target, flatness filter or MLC) is a plus;
* Familiar with EGS/MCNP or other Monte Carlo tools is desirable
* Ability of matlab or c/c++ preferred
* Good English and effective communication skills within a multi-disciplinary international company
* Passionate, result driven, fast learner, problem-solver, and team player

## **Interested candidates please send your updated CV to** [peilin.yuan@elekta.com](mailto:peilin.yuan@elekta.com) **and specify where you see this position advertised.**