

Wheel of Health Clinical Profile

Rakesh Shukla

Senior Clinical Associate | Rehabilitation Engineer

Role	Senior Clinical Associate
Profession	Rehabilitation Engineer / Clinical Technologist
Professional registration	Registered Clinical Technologist
Region	Surrey / London
Specialist focus	Rehabilitation engineering, powered mobility, specialist seating and technical services

Professional profile

Rakesh Shukla is a Rehabilitation Engineer specialising in posture and mobility. His expertise includes designing and implementing wheelchair solutions that enhance independence for individuals with disabilities. He has led multidisciplinary teams and has focused on posture management, wheelchair systems, advanced wheelchair design, control programming and technical service development. Rakesh combines engineering problem solving with clinical collaboration, supporting tailored wheelchair and seating solutions that improve mobility and daily living activities.

Specialist clinical expertise

- Rehabilitation engineering and wheelchair technical knowledge
- Design and modification of seating and mobility equipment
- Programming of powered wheelchair controls, including head array and chin control
- Posture management and special seating assessment
- CAD and engineering problem solving
- Leadership and training of rehabilitation engineers and technicians
- Clinical technology, medical devices and technical services management

Contribution to Wheel of Health

Rakesh adds a specialist rehabilitation engineering perspective to Wheel of Health. His technical expertise strengthens the company's ability to consider bespoke solutions, powered mobility controls, equipment configuration and the engineering detail required for safe, effective and individualised wheelchair and seating provision.

Clinical experience

Dates	Role / organisation	Relevant focus
July 2024 - Present	Posture and Seating Specialist, Wheel of Health	Provides technical and clinical engineering expertise in posture and seating.
June 2024 - Present	Head of Technical Services, Lane Fox Unit, St Thomas' Hospital	Manages technical services, ventilator and medical device support, technicians, equipment matrices and service operations.
2021 - 2024	Regional Rehabilitation Engineer, Ross Care / Millbrook Healthcare	Supported wheelchair services nationally, service improvement, waiting list reduction and development of clinicians, engineers and technicians.
2020 - 2021	Clinical Lead, Croydon Wheelchair Service	Managed multidisciplinary wheelchair service team, budget, waiting list improvement and service quality.
2016 - 2020	Clinical Engineer and Technical Services Manager, Contour 886 Ltd	Prescribed bespoke seating and wheelchairs, managed after-sales service and technical support.
2009 - 2016	Rehabilitation Engineer and Senior Rehabilitation Engineer, Croydon Wheelchair Services	Assessed client requirements, posture and wheelchair needs, managed technical aspects, maintenance contractors and safety processes.

Education and qualifications

- MSc Biomedical Engineering and Medical Imaging, University College London
- BSc (Hons) Engineering with Medical Applications, Queen Mary University of London
- Posture Management for Complex Disabilities, Oxford Brookes University

Professional registration and memberships

- Institute of Physics and Engineering in Medicine - Full Member
- IPEM Clinical Technologist Training Supervisor and Moderator
- Register of Clinical Technologists - Registered Clinical Technologist

Governance and quality assurance statement

Rakesh works within Wheel of Health's clinical governance framework and maintains appropriate professional registration, professional indemnity, continuing professional development and standards of documentation, communication, safeguarding and professional accountability. This supports consistent, person-centred assessment, clinically reasoned recommendations and high-quality reporting across Wheel of Health services.