

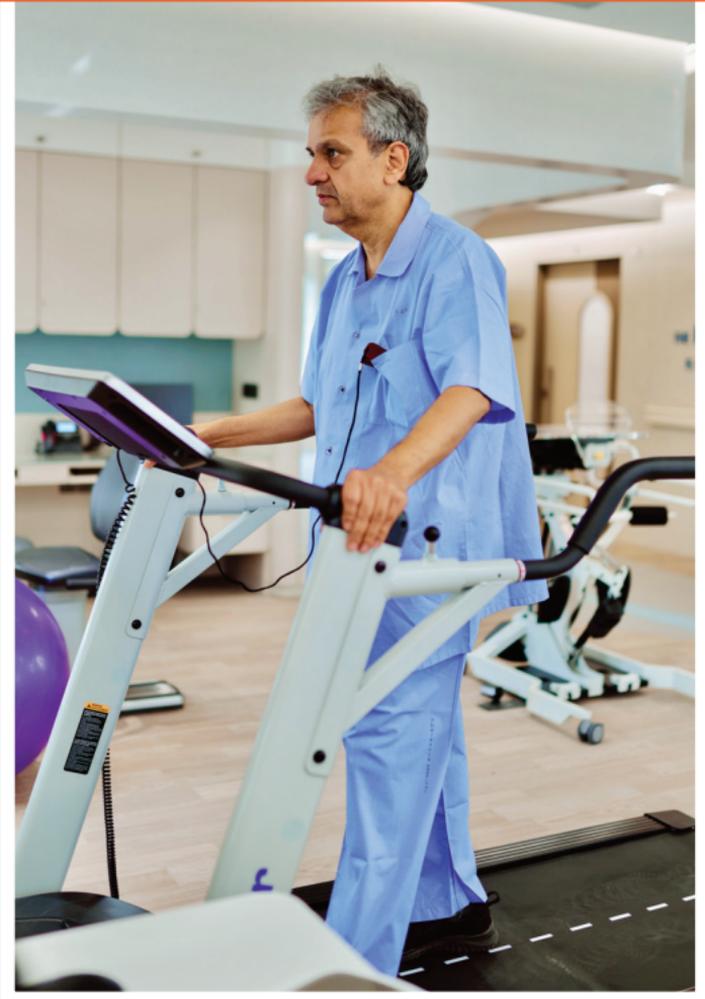
P. D. HINDUJA HOSPITAL  
& MEDICAL RESEARCH CENTRE

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Regain Movement.  
Restore Independence.  
Reclaim Life.

SPECIALISED

**Neuro Rehabilitation Centre**





Neuro Rehabilitation is a specialised branch of medicine focused on restoring function after neurological illness or injury. If you or your loved one has experienced a stroke, traumatic brain injury, spinal cord injury, tumour surgery or a progressive neurological condition, structured rehabilitation can significantly improve recovery and long term outcomes.

After such events, challenges with walking, speaking, swallowing or memory can affect daily life. Recovery requires more than hospital treatment; it needs coordinated, expert-led rehabilitation. At P. D. Hinduja Hospital & MRC, our Neuro Rehabilitation Centre provides comprehensive, patient-centred care to help you regain independence and achieve your highest functional potential.

### **About the Neuro Rehabilitation Centre at P. D. Hinduja Hospital & MRC**

The Neuro Rehabilitation Centre is a dedicated inpatient facility focused exclusively on neurological recovery. Led by an experienced Neuro Rehabilitation Physician, the Centre delivers structured, goal-oriented rehabilitation under continuous medical supervision in a specialised environment designed for recovery. The core strengths of the Centre include:

#### **Rehabilitation Focused Infrastructure**

The Centre is designed to promote safety, mobility and patient confidence, enabling structured inpatient rehabilitation.

#### **Management of Complex Needs**

Specialised care is available for patients requiring tracheostomy management, tube feeding support or assistance with significant functional dependency.

## Timely Intervention

Rehabilitation is initiated at the earliest medically appropriate stage to reduce complications and support improved long-term outcomes.

## Technology Integrated Therapy

Advanced robotic and technology assisted systems enhance therapy precision and measurable progress. International systems such as LOKOMAT, AMADEO, DIEGO and TYMO support gait retraining, upper limb recovery, balance and trunk control.

## Interactive Digital Neuro Rehabilitation

The center also offers Interactive Digital Neuro Rehabilitation, an advanced approach that uses immersive, game-based digital therapy to encourage repetitive therapeutic movements with real-time feedback. It helps improve motor and cognitive functions and supports recovery in conditions such as stroke, Parkinson's disease, and traumatic brain injury (TBI).

## Multidisciplinary Approach

The Centre follows a structured, patient-centred multidisciplinary model where the patient remains at the core of care. Each specialist contributes expertise to ensure comprehensive neurological recovery.

- **Neuro Rehabilitation Physician**

Provides medical leadership, formulates the rehabilitation strategy and monitors clinical safety and progress.

- **Physiotherapist**

Focuses on mobility, strength, balance, coordination and gait retraining.

- **Occupational Therapist**

Works on restoring upper limb function and improving independence in daily activities.





- **Rehabilitation Nurse**

Provides continuous medical support and assists with functional training and complex care requirements.

- **Clinical Psychologist**

Addresses emotional wellbeing, behavioural adjustment and cognitive recovery.

This integrated model ensures that physical recovery, cognitive function and emotional health are addressed simultaneously through coordinated goal-setting and continuous progress review.

■ **Who Should Visit the Neuro Rehabilitation Centre?** ■

- **Patients recovering from stroke**
- **Individuals with brain injury or spinal cord injury**
- **Patients after brain or spinal tumour surgery**
- **Individuals with multiple sclerosis or Guillain Barré Syndrome**
- **Patients with critical illness related weakness**
- **Individuals in the early phase after hospital discharge**
- **Patients requiring structured inpatient neuro rehabilitation**
- **Patients with early Parkinsonism, diabetic neuropathy or brachial plexus injury**

## How Does It Work?

### Initial Comprehensive Consultation

A detailed evaluation is conducted to assess medical history, current limitations and recovery goals.

### Personalised Rehabilitation Plan

A structured, goal-based program is developed, integrating multiple disciplines to optimise functional improvement.

### Coordinated Therapy Delivery

Therapies are delivered in a synchronised manner under physician's supervision to maximise outcomes.

### Continuous Monitoring and Review

Medical oversight ensures safe progression of therapy. Plans are regularly reviewed and refined based on measurable progress.



To Book an Appointment with  
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