WFNR SURVEY

WFNR is conducting a world-wide, ad hoc survey on structures, resources and future needs in neurorehabilitation.

This survey may help WFNR to plan further initiatives in improving education and services.

The questionnaire is short and concise and can be answered in less than 30 minutes.

The survey is addressing individual members as well as representatives of local, national, regional or supraregional bodies.

Please note at the beginning, your scope, depth of information in the survey and details to contact you further.

If you have any questions please contact our head office stating „SURVEY 2023“

The questionnaires should be returned to:

Tracey Mole
WFNR Executive Director
traceymole@wfnr.co.uk
**Question 1**

Please give your name and contact information:

Name: __________________________________________________

Residing Country: __________________________________________

Contact email: ____________________________________________

Your gender:

☐ Male  
☐ Female  
☐ Prefer not to state

Your age category:

☐ <25 years  
☐ 25-49 years  
☐ 50-64 years  
☐ >65 years

and click one of the boxes to reflect the scope of your response:

My scope of view is

☐ individual institution  

Please give name and address and population size

________________________________________________________

________________________________________________________

☐ local organisation (eg a national or WFNR affiliated society)

Please give name and address and population size

________________________________________________________

________________________________________________________

☐ other regional body  

Please give name and address and population size

________________________________________________________

________________________________________________________
Question 2  Targets of neurorehabilitation

Please click one or more of the following boxes to indicate your neurorehabilitation targets and give a percentage of their possible importance for your day to day practice:

☐ Stroke  
☐ Traumatic Brain Injury  
☐ Spinal Cord Injury  
☐ Cerebral Palsy  
☐ Neuromuscular disorders  
☐ Back pain  
☐ Alzheimer’s Disease and other related Dementias  
☐ Multiple Sclerosis  
☐ Parkinson Disease and similar  
☐ Other, please list  

Question 3  What are the most frequently used ways of care and percentage of patients? Multiple answers possible

☐ inpatient rehabilitation  
☐ day care rehabilitation  
☐ outpatient rehabilitation  
☐ home care with consulting  
☐ Others
In case there is a structured sequence, please indicate (eg inpatient followed by home care)

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**Question 4 Available Resources (Personnel)**

Please tick boxes for staff members and indicate either the number of staff in your institution or give a rough estimate of available staff for 100 000 patients in your area

<table>
<thead>
<tr>
<th>Option</th>
<th>No:</th>
<th>Nr/100000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physicians (General)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physicians (Neurologists)</td>
<td></td>
<td></td>
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<tr>
<td>Physicians (PMR specialists)</td>
<td></td>
<td></td>
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<tr>
<td>Physiotherapists</td>
<td></td>
<td></td>
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<tr>
<td>Occupational therapists</td>
<td></td>
<td></td>
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<tr>
<td>Nursing staff</td>
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<tr>
<td>Speech/Language specialists</td>
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<tr>
<td>Dysphagia specialists</td>
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<td></td>
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<tr>
<td>Psychologists or Neuropsychologists</td>
<td></td>
<td></td>
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<tr>
<td>Psychological assistants</td>
<td></td>
<td></td>
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<tr>
<td>Sport medicine therapists</td>
<td></td>
<td></td>
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<tr>
<td>Nutriciants/Nutritionist/Dietician</td>
<td></td>
<td></td>
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<tr>
<td>Social workers</td>
<td></td>
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<tr>
<td>Teachers</td>
<td></td>
<td></td>
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<tr>
<td>Trainee (student/resident/fellow)</td>
<td></td>
<td></td>
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<tr>
<td>Other</td>
<td></td>
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</tbody>
</table>

**Question 5 Available resources (technical)**

Please tick boxes on the availability and numbers and possible availability / 100000 population

<table>
<thead>
<tr>
<th>Option</th>
<th>No:</th>
<th>Nr/100000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gait Treadmills</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Motion robots UE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
☐ Motion Robots LE  No:------  Nr/100000 ------
☐ FES / peripheral nerve stimulation  No:------  Nr/100000 ------
☐ Transcranial Direct Current Stimulators  No:------  Nr/100000 ------
☐ Transcranial Magnetic Stimulation  No:------  Nr/100000 ------
☐ Brain Computer interfaces  No:------  Nr/100000 ------
☐ Computer devices for cognitive rehab  No:------  Nr/100000 ------
☐ VR / AR devices  No:------  Nr/100000 ------

Question 5 Available diagnostics
Please tick boxes for general availability and figures

☐ Clinical chemistry  No:------  Nr/100000 ------
☐ Regular ECG  No:------  Nr/100000 -------
☐ Long term ECG monitoring  No:------  Nr/100000 ------
☐ Cardiac ultrasound  No:------  Nr/100000 ----- 
☐ Vascular Ultrasound  No:------  Nr/100000 ------
☐ Nerve Conduction studies/EMG  No:------  Nr/100000 -------
☐ Evoked Potentials  No:------  Nr/100000 ------
☐ CT scan  No:------  Nr/100000 -------
☐ MRI scan  No:------  Nr/100000 -------
☒ Dysphagia endoscopy  No:------  Nr/100000 -------

Question 6 Guideline usage
If you regularly use guidelines for treatment, please tick the categories and delineate the guidelines you use:

☐ Stroke  
☐ Traumatic Brain Injury  
☐ Spinal Cord Injury  
☐ Cerebral Palsy
Question 7  Do You use ICF Classification regularly for:

☐ delineation of impairment
☐ delineation of activities
☐ delineation of participation

If you use it only in some conditions, please list them

__________________________________________________________________
__________________________________________________________________

Question 8  How do you think WFNR can be most helpful in supporting you? (Please tick one or more boxes)

☐ Provide various continuous education (webinar, congress, etc)
  (Please delineate the most important fields:__________________________)
☐ Improve education for care givers
☐ Organise regional or international trials
☐ Compile and disseminate neurorehabilitation guidelines
☐ Networking with neurorehabilitation professionals
☐ Mentoring platform and opportunities

Question 9  Do You use one or more of the following specific therapeutic procedures? (Please tick one or more boxes)

☐ Constraint induced motor therapy (CIMT also called forced use training)
☐ Gait training on treadmills with partial body weight support
☐ Gait training with stationary exoskeleton-robots
☐ Gait training with wearable exoskeletons
☐ VR or AR programmes for motor rehab
☐ VR or AR programmes for cognitive rehab
☐ Computer based cognitive rehabilitation (Please specify --------------------------------)
☐ Cognitive therapies Please specify ( -------------------)
☐ Neuromodulation with transcranial magnetic stimulation
☐ Neuromodulation with transcranial DC stimulation

☐ Other (Please specify-----------------)

Question 10

How many hours of group or individual therapies can You offer per week

Group --------------
Individual --------------

Question 11 How do You assess rehab process and outcomes
☐ team conferences
☐ interviews (e.g. by telephone)
☐ other
please specify
____________________________________________________________________
____________________________________________________________________

Question 12 Do You use specified tools to monitor the rehab process and outcomes
☐ scores
Please specify ----------------------------
☐ written documentation
Question 12  How do You define rehabilitation goals
☐ interaction with patient

Please specify

☐ Interaction with family and/or care giver.

Please specify

☐ Interaction with employers or vocational surround of patient.

Please specify

Question 13  Do You use formalised scores or other instruments for goal definition?

Please specify

Question 14  Do You have outreach programs into the community

Please specify

Question 15  Do You use one or more of the following specific pharmacological approaches to facilitate brain recovery? (Please tick one or more boxes)

☐ Antidepressant agents (SSRI etc)

☐ Cerebrolysin

☐ Dopaminergics

☐ Piracetam

☐ Other (Please specify)

☐ Avoidance of drugs known to interfere with brain plasticity (detrimental drugs)
Question 16  Do You use one or more of the following digital tools (Please tick one or more boxes)

☐ Digital communication for consulting with physicians (telemedicine) Please specify

☐ Digital communication for outreach in the community (Please specify)

☐ Digital or telemedical tools for home consulting (Please specify)

☐ Digital or telemedical tools for home therapy (Please specify)

☐ Use of artificial intelligence (AI) tools for structuring published information Please specify

☐ Use of artificial intelligence (AI) tools for clinical decision making Please specify

☐ Other (Please specify)

Question 17  We may have missed aspects You would like to bring our attention to Please specify

Question 18  What is most important to help You in Your daily work

☐ Better education

☐ Better personell resources

☐ Better technical resources

☐ Better interaction with colleagues (e.g. experts)

Other  General Questions

Have you attended any of these WFNRE educational/research opportunities in the past?

☐ World Congress for Neurorehabilitation

☐ Silver Jubilee Webinar
☐ WFNR Certificate Teaching Course – Clinical Pathways in Stroke Rehabilitation
☐ Research Webinar

**Have you visited the World Federation for Neurorehabilitation website**
https://www.wfnr.co.uk/

☐ Visited in the past month
☐ Visited in the past 6 months
☐ Visited in the past 12 months
☐ No

**Have you heard about the WFNR Mentoring Programme?**

☐ Yes
☐ No, I would like to find out more
☐ No, not interested

**Which regional or international conferences have you attended in the last 12 months?**

_________________________________________________________________

_________________________________________________________________