



**Red  
NeuroRehabilitación  
Araucanía**

## **Annual Report 2025**

During 2025, **RED Neuroarauca**nía consolidated its recognized role as a collaborative network dedicated to neurological rehabilitation, professional training, scientific dissemination, and research development. Through coordinated actions at the community, national, and international levels, the Network strengthened its impact on health promotion, academic exchange, and interdisciplinary collaboration.

This report presents a comprehensive overview of the activities carried out during the year, highlighting achievements in community engagement, scientific networking, education, and research, as well as outlining strategic challenges for future development.

### **Overview**

RED Neuroarauca

nía is an interdisciplinary network focused on advancing neurological rehabilitation through:

- Community engagement and health education
- Professional training and continuing education
- Scientific collaboration and dissemination
- Clinical and academic research

Its activities are developed through coordinated efforts among healthcare professionals, academic institutions, and national and international partners.

### **Community Engagement and Outreach**

#### **Health Promotion Activities**

In alignment with its social responsibility objectives, RED Neuroarauca

nía implemented community-based educational initiatives during 2025, with particular emphasis on cerebrovascular disease.

- **Workshops on Prevention and Early Detection of Stroke (ACV)** were conducted to improve public awareness, encourage early recognition of warning signs, and promote timely access to healthcare services.

These activities strengthened the Network's connection with the community and contributed to regional health education efforts.



## Scientific Engagement and Institutional Networking

### National and International Representation

Members of RED Neuroaraucaña actively participated in high-level scientific meetings, contributing to the dissemination of knowledge and institutional visibility.

#### National Scientific Events

- National Congress of Physical Therapy, Temuco, Chile.
- ACEVE Congress, Santiago, Chile
- ALRN Congress, Brasília, Brasil

#### International Scientific Events

- II International Congress of Rehabilitation, Temuco, Chile.
- 7th Neurorehabilitation Conference, University of Concepción, Chile.
- World Stroke Congress, Barcelona, Spain.
- ISPRM World Congress, Morocco

Participation in these events facilitated academic exchange, interdisciplinary dialogue, and the establishment of strategic collaborations.



# Education and Professional Training

## Webinars

- Organization of webinars with national and international speakers
- More than **500 registered participants**
- Focus on current topics in neurological rehabilitation and neurorehabilitation technologies



## Specialized Training Activities

- **tDCS Internship**, Universidad Metropolitana de Ciencias de la Educación (UMCE)
- **Training Program for the Rehabilitation Team at Hospital Lautaro**, delivered by Kinesiologist Paula Muñoz
- **TRAINFES Workshop**, focused on shoulder subluxation intervention, delivered by Kinesiologist Juan Pablo Appelgren

These initiatives supported continuing professional development and knowledge transfer within clinical and academic contexts.

## Research and Scientific Development

### Ongoing Research Projects

During 2025, RED Neuroaraucañia supported and participated in the following research initiatives:

- **Ultrasound-based analysis of morphological characteristics of spastic musculature** in upper and lower limbs in post-stroke individuals. *Research team: Dr. Berna, Dr. Bacco, Kinesiologists Pacheco and Vergara.*
- **Effectiveness of combined Constraint-Induced Movement Therapy (CIMT) and cerebellar transcranial direct current stimulation (c-tDCS)** to improve upper limb function in women after stroke. *Research team: Kinesiologists Ornella Bahamondes, Obrequé, Quezada, Gajardo, and Barrera.*



We hope this information is useful.

Kind regards.

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