THE DIAGNOSTIC PATH
Recognition of possible deficit via the reading of the SPF Index for which, using methods derived from the ROC criteria (Receiver Operating Characteristics), it was possible to define a cut-off threshold between a normal and dysfunctional subject at a recurrence of 9 parameters (on 63) that deviate by more than 2σ from the average and are therefore considered abnormal.

Recognition of the type of Central/Proprioceptive disorder by reading the Romberg quotient relative to the Sway Path and Sway Area parameters.

Recognition of morphologies that may suggest:
- Vestibular deficit
- Deficiency of possible central neurological origin
- Visual deficit
- Presence of musculoskeletal foci in relation to the harmonics of the Frequency Analysis
- Presence of tone abnormalities
- Presence of control deficits.

Diagnostic processing and evaluation software, in addition to the most commonly used indexes, offers original parameters and high clinical significance - in particular Sway Density and the Postural Functional Score - with a report wizard.

The instrumental evaluation of balance

The combination of abnormalities detected by Argo Plus allows to objectify and quantify the risk of falling, particularly relevant in the elderly population.

Argo Plus uses a proprietary algorithm that guides the Clinician to the assisted diagnosis, enabling them to identify and quantify the functional deficits that relate to pathologies, such as:

- Musculoskeletal disorders
- Acute and chronic neurological diseases
- Visual deficit
- PROPRIOCEPTION disorders
- Labyrinth disorders

Risk of falling

STRENGTH PLATFORM WITH POSTURAL FUNCTIONAL SCORE for control in the treatment of pathologies that cause instability
ARGO PLUS is composed of the STRENGTH PLATFORM (600x600mm), 4 load cells with vertical axis powered via a buffer battery and a CONTROL CONSOLE, equipped with a 24” LCD screen, mounted on a trolley that allows it to be used near the platform itself.

Reporting is carried out by working on the console that generates reports in pdf format.

The ARGON PLUS platform indicates:

- For constructive choices that allow you to provide data with extreme precision and repeatability: the entire measurement and processing chain has been subjected to rigorous metrology testing
- For the amount of parameters made available for clinical assessment
- For assisted diagnostic mode
- For the possibility of correlating the relevant evidence to the patient’s medical history (ICD/ICF coding) and a standardised functional assessment by the World Health Organization (WHODAS)
- For the possibility to perform tests in different conditions, together with the standardised Romberg test and with normality references, to meet the needs of each clinician.

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