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EDITORIAL

The individual rehabilitation project: a model to strengthen clinical rehabilitation in health systems worldwide

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Starting from July 8th-9th, 2019, the World Health Organization (WHO) held its Second Global Rehabilitation 2030 Meeting. The meeting reaffirmed rehabilitation as one of the five health strategies in light of the Astana Declaration on Primary Healthcare 2018,¹ following the Declaration of Alma-Ata (now Almaty) from 1978.² WHO's Second Global Rehabilitation 2030 Meeting highlighted functioning as the third health indicator, complementing mortality and morbidity,³,⁴ and reasserted the central role of functioning for rehabilitation.5-7 Key insights from the Second Global Rehabilitation 2030 Meeting included the need for suitable approaches to strengthening rehabilitation from both the public health and the clinical perspective.

The need for strengthening rehabilitation as a public health strategy was made apparent with the data from the Global Burden of Disease project⁸ that underscored the large number of potential beneficiaries of rehabilitation across a wide range of health conditions and over the life course.⁹ To ensure that all potential beneficiaries of rehabilitation worldwide have access to high quality rehabilitation services under Universal Health Coverage schemes, WHO launched the Guide for Action for policy and programming at the country level¹⁰ and embarked on the development of a research agenda for health policy and systems research in collaboration with WHO's Alliance for Health Policy and Systems Research.¹¹

To strengthen rehabilitation from the clinical perspective, WHO will provide member states with a Package of Rehabilitation Interventions in collaboration with Cochrane Rehabilitation. 9, 12 Long recognized as fundamental in rehabilitation, functioning is an underlying element that threads the development of the Package of Rehabilitation Interventions. 13-15 Functioning, operationalized by the International Classification of Functioning, Disability and Health (ICF), 16 plays a role in identifying the interventions to include in the Package of Rehabilitation Interventions as well as intervention gaps, in reporting outcomes related to interventions, and in describing human and technical resources requirements in specific interventions. 12

The Second Global Rehabilitation 2030 Meeting provided the platform for discussions on how to make best use of both the Guide for Action and the Package of Rehabilitation Interventions towards advancing the Rehabilitation 2030 agenda. In light of these discussions we aim to highlight in this editorial the potential of the ICF-based Individual Rehabilitation Project developed in Italy to serve as a model for strengthening clinical rehabilitation in countries worldwide.

The Individual Rehabilitation Project developed in Italy

In 1990 the Italian Society of Physical and Rehabilitation Medicine (SIMFER) started an internal discussion to define a methodology that rehabilitation team members could employ for developing the rehabilitation project. During these discussions, SIMFER considered the experiences of the international rehabilitation medicine community, *e.g.* American Academy of Physical Medicine and

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Rehabilitation. Subsequently, a commission of the Ministry of Health was established under the coordination of Prof. Nino Basaglia to develop the guidelines on rehabilitation for Italy.¹⁷

In 1998, the Italian Ministry of Health published the guidelines on rehabilitation (referred to as "guidelines" from now on) to define the methods, procedures, and facilities in rehabilitation. 18 An important feature of the guidelines was the introduction of the Progetto Riabilitativo Individuale, or, in English, the Individual Rehabilitation Project (IRP). The guidelines define IRP as "the set of propositions, elaborated by the rehabilitation team, coordinated by the medical doctor specialist." The IRP ought to take into account the needs and desired outcomes of the patient (and/or his/her family, when appropriate), his/her impairments, activity limitations, and restrictions of participation, as well as the environmental and personal factors. Desired outcomes reflect the expectations and priorities of the patient and his/her family. The IRP comprises short, intermediate and long-term goals, the expected timeframe for achieving these goals, the interventions, and the requirements necessary to achieve the desired results.

The 1998 guidelines called for the implementation of the IRP in practice to be determined at a regional level. In most regions in Italy, establishing an IRP is mandatory for rehabilitation interventions to be performed.¹⁹

The 1998 guidelines were the first attempt to bring structure to rehabilitation care and to establish a national rehabilitation strategy. However, these initial guidelines were implemented inconsistently across regions. Furthermore, standardization of terms and definitions was warranted. For example, a specific rehabilitation service provided had different names in different regions while a service with the same name was provided with different interventions across Italy.²⁰ When the guidelines were launched in 1998, ICF16 was still in development. In response to the inconsistent implementation of the guidelines across Italy, the Italian Ministry of Health updated the guidelines in 2011. The updated guidelines recognized the ICF as a unifying model to analyze the complexity of the patient's health status, and promoted the creation of a patient-individualized functioning profile.20

How the IRP can serve as a model for clinical rehabilitation

The full form of the acronym IRP, *i.e.* 'Individual Rehabilitation Project' is meaningful in itself. The term 'in-

dividual' denotes the clinical context in clear distinction from the context of policy and service provision (in fact, for the latter, the 1998 Guidelines propose also a "Structure Rehabilitation Project". The term 'project' implies an episode with a start and an end centered around an objective and involving a plan, its execution and evaluation.

The IRP developed in Italy reflects the reality described in the White Book of Physical and Rehabilitation Medicine in Europe, 13, 15, 21 and it embodies the "Rehab-Cycle,"22, 23 specifically that rehabilitation is more than a set of interventions. Rehabilitation is best described as an intricate intervention scheme provided by a multi-professional team in a rehabilitation process.²⁴⁻²⁶ This process involves an assessment of functioning limitations, environmental barriers and psychosocial resources, the setting of goals and identification of intervention targets at the level of functioning, psychosocial resources and environment, the assignment of tasks to members of the interdisciplinary rehabilitation team, the conduct and monitoring of interventions, the evaluation of intervention outcomes and possibly the initiation of a new Rehab-Cycle. This process relies on the ICF as a reference system as described in a series of methodological notes published by this journal.²⁷⁻²⁹

Considering the multi-faceted and comprehensive rehabilitation process described above, the IRP can serve as a model for strengthening clinical rehabilitation in health systems worldwide. In terms of WHO's Package of Rehabilitation Interventions, the goal-setting and monitoring features of the IRP can support the reporting of outcomes related to interventions. The intervention assignment feature facilitates the identification of interventions redundancies and gaps, and brings transparency to the required human and technical resources.

At the European level, the Physical and Rehabilitation Medicine Section and Board of the European Union of Medical Specialists (UEMS-PRM) is currently developing a model of the IRP that can be tailored across various rehabilitation types across the continuum of care and along the life course. To the development of the IRP, the UEMS-PRM Section and Board will apply an iterative consensus process, including Delphi surveys across its member societies, to identify the key components of the IRP that represent the reality of clinical rehabilitation in Europe. Through a similar methodological approach, it would seem possible to develop applications of the IRP suitable for settings in low-, middle- and high-income countries, as well as specific situations across rehabilita-

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tion services types³⁰⁻³² and rehabilitation in emergency and disaster relief.

In conclusion, we see the unique opportunity to learn from the Italian experience in developing, implementing and continuously refining the IRP. Moreover, countries can rely on methods developed in the context of health policy and systems research including "scaling up" and the "learning health system."^{33, 34}

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