

COVID-19 OUTBREAK, REHABILITATION SERVICES AND ACTIVITY OF PRM SPECIALISTS IN ITALY

The current epidemic of COVID-19 is putting a strain upon the Italian Health Care System, despite the huge effort of all the professionals. It's having a profound impact on rehabilitation services, and on the activity of the PRM specialists.

The Italian Society of Physical and Rehabilitation Medicine (SIMFER) believes that every effort should be made to keep adequate levels of activities in this sector in such difficult circumstances, not only to **ensure appropriate interventions** to the persons in need of rehabilitation, but also to **support all the other areas of healthcare** by facilitating the continuity of care.

This document summarizes the recommendations of SIMFER, issued with the aim of **providing adequate care** as well as **protecting patients and professionals**, and taking into account that the top priority is to **limit the spread of the infection**.

Such priority requires **setting priorities in rehabilitation activities**, to ensure the delivery of interventions in situations in which they cannot be deferred, and to allow access to services whenever possible in other cases, although in limited and modified ways.

The recommendations have to be followed in **full compliance of the rules and provisions** issued by the institutional bodies at National, Regional and Local level, and they will be periodically revised and updated in light of any new provision.

GENERAL CRITERIA OF PRIORITY IN THE DIFFERENT SETTINGS

- **ACUTE CARE:** ensure all the adequate activities and interventions to prevent the major disabling complications of the acute conditions and comorbidities, to support the achievement of clinical stability and to plan the following clinical pathway. Such goals have to be pursued taking into account the continuous organizational changes of this area, as a consequence of the rapid evolution of the epidemic.
- **INPATIENT REHABILITATION SETTINGS:** ensure the adequate delivery of interventions and development of individual rehabilitation plans for the patients directly admitted from the acute care wards, including patients recovering from COVID-19 with disabling sequelae. Increase the admission capacity of rehabilitation facilities, to support early discharge from the acute care units, and facilitate the early subsequent safe discharge to outpatient and home and community rehabilitation services whenever possible. For patients admitted to rehabilitation inpatient units from home or other community facilities, in cases where such pathways have not been fully suspended by the local authorities, every single condition should be evaluated, carefully taking into account the balance between benefits and harms, postponing the admission and seeking for other alternative options of care whenever possible.
- **OUTPATIENT AND HOME BASED REHABILITATION SERVICES:** ensure the care for persons with recent sequelae of pathologies of different origin, where interventions are needed to minimize functional deficits which, if left untreated, could lead to long term or

permanent disability and/or to further deterioration. For chronic disabling conditions, with or without exacerbations, in persons who did not suffer from a recent acute event, consider preliminarily alternative options of care (remote consultation, telerehabilitation...) so to postpone the treatments while maintaining the therapeutic relationship. Exceptions to such behavior are chronic conditions at risk of rapid deterioration of functional level if left untreated (e.g. neurodegenerative diseases, severe conditions in childhood...)

PROTECTION OF PATIENTS AND PROFESSIONALS

Some specific aspects of the rehabilitation activities can lead to difficulties in harmonizing the therapeutic needs with the required measures to protect professionals and prevent the spread of the infection. They should be taken into account in all the different settings:

- Frequent need of a **prolonged and/or close interaction** between patients and professionals;
- Frequent occurrence of **difficulties in the communication** with the patient (because of cognitive difficulties, disorders of consciousness, childhood patients...)
- Possible need of **involving family members or other persons** in the delivery of care

The general behavioral guidelines to properly address these aspects should be based on a series of coordinated clinical, organizational, technical and informational measures:

- Early and **preventive identification of the symptomatic cases**, possibly with remote assessments (e.g. preventive information and questionnaires to patients/caregivers, phone triage or preadmission triage or preliminary interview, designated protected areas for pre-admission evaluation...)
- **Social distancing measures** in compliance to rules and recommendations issued by the authorities (organization of spaces according to distancing needs, restrictions and modifications of policy rules for access to services...)
- Use of **Personal Protective Equipment (PPE)** according to the guidelines of authorities
- Adoption of **alternative modalities for the delivery of care** whenever possible (remote consultation, telerehabilitation, educational and training material available in remote mode...)

SIMFER urges the competent authorities (such as the directions of the public and private healthcare services, and the local, regional and national health authorities) to support the implementation of the above-mentioned measures and to make available adequate technical resources. Otherwise, if reasonable levels of protection would not be achievable despite the efforts of the professionals, and the risk of spread of infection would become evident, services would have to stop even the high-priority interventions.

ACTIVATION OF A FREE-OF-CHARGE REMOTE SUPPORT SERVICE BY SIMFER

Considering the restrictions to the access to rehabilitation services as a consequence of the COVID-19 epidemic, SIMFER is activating a remote support service of “tele-rehabilitation medicine”, with the aim of providing information and advice to persons with disabling conditions of different origin, family members and caregivers. The service is free-of-charge and is delivered by a pool of PRM doctors from all the different areas of the country.

The person in need of support can contact SIMFER through a dedicated e-mail address: telemedicinariabilitativa@simfer.it.

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