

Abstract Title : An integrated approach to Parkinson's disease management: improving QoL through remote symptoms monitoring on the Italian territory.

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Abstract: Parkinson's disease management tends to be quite difficult, especially if patients are located in remote areas. Furthermore, healthcare services work regionally, meaning that the management is different in each region, and it is hard to provide continuous monitoring data on the state of the patient in home environment, in order to provide an integrated framework of the patient's state to different healthcare professionals. Given this, the Italian Parkinson's Association Committee has proposed a pilot project, intended to provide an integrated service by pursuing the following objectives: improving the knowledge of the various aspects of the disease in families with Parkinson's (FwPs); improving the communication between FwPs and healthcare professionals; and enhancing the availability of objective and shareable indicators that allow the measurement of symptomatology and therefore patient's Quality of Life (QoL). In order to do so, we aim at recruiting 100 patients, 03 hospitals among 02 regions on the Italian territory. Each patient will be provided with the following technologies for the monitoring period: STAT-ON, the waist-worn medical device aimed at monitoring the patient's motor symptoms; the "BaioBit", BTS Nirvana and Telerehab motor and cognitive telerehabilitation platform. In addition to these, patients will be subject to online administration of the UPDRS questionnaire; drug dosage monitoring; calculation of QoL (Quality of Life) indicators; information and/or specific resources to better manage the disease (including information sheets, nutritional advice and "adapted" recipes, directing towards specific local organizations and structures, identified through a georeferenced database (PDMapping); invitation to view webinars and online classes on the online platform; dynamic and real-time reporting of events and activities carried out locally by the Associations present in the area and operating in a totally autonomous way. The pilot project will have a duration of 6 months and preliminary results will be presented in mid 2024.