

13<sup>th</sup> World Conference on

# Neurology and Neuromuscular Disorders

October 01-02, 2018 | Frankfurt, Germany

## More OFF for Parkinson: Integrated digital care for personalized visits plan in Parkinson

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Today more than one million people in Europe live with Parkinson's disease (PD) and according to the European Parkinson's Disease Association this number is expected to double by 2030, as the population ages. It is well known that PD causes movement problems as well as hidden non-motor symptoms, like speaking difficulties. Less known is how often these symptoms come ON and go OFF and how it influences personalized therapy. The distinction between ON and OFF phases can be quite dramatic, with an individual ability to easily arise from a chair and literally run across the room to be unable to arise unassisted one minute later. With applying personalized therapy, visits and therapy planning, the OFF periods could be significantly reduced, allowing patients to live normal and independent life. Personalized treatments are based on fluctuations of ON and OFF periods and can effectively minimize symptoms for years. The project goal is to develop a new medical score based on ON/OFF frequency. Collaboration between three EU countries can support the pooling of significant amount of ON/OFF periods and help to ensure that data is shared between professionals. By ensuring doctors with the most recent and expert knowledge about ON/OFF data, they will be better informed to verify suggested personalized visits plan and care pathways. Our goal was to create both new and unique digital integrated care process based on accurate ON/OFF (speech, movement) electronic data capture, and by using the digital platform ready for 4 digital evolutions in medicine. The integrated care process and platform will coordinate Parkinson care at home with hospital care by using telemedical modules.

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