

PD-Watch, Digital biomarkers for early diagnosis and monitoring of Parkinsonian motor signs

COMPANY DESCRIPTION

- Biomedical Lab s.r.l. is an Italian company that develops, produces and commercializes high-tech and innovative products and services.
- Region: Italy

SOLUTION: PD-WATCH

PD-Watch, software solution for **wearables** that aids early **Parkinson's** diagnosis/screening and continuous monitoring, helping doctors refine treatments and enhance patient quality of life.

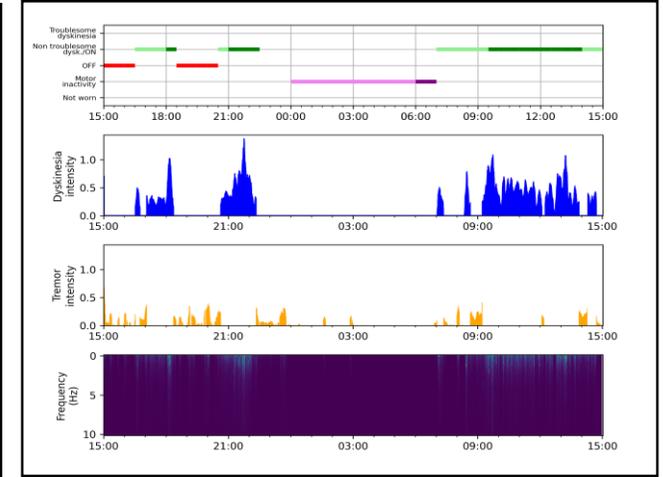
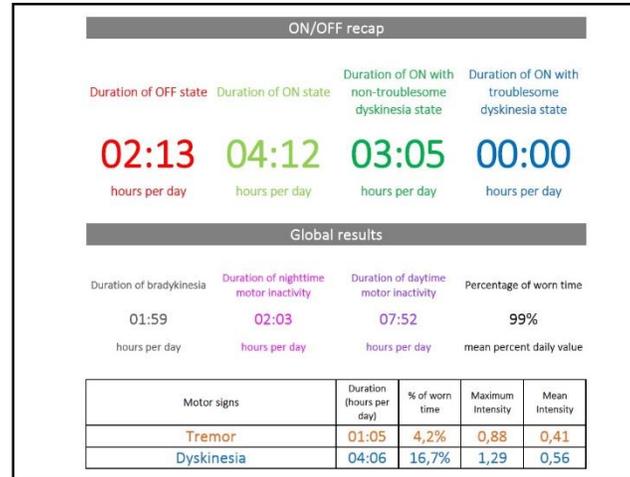
- **PD-Watch** can be used with both **professional wearables** and commercial **smartwatches**.
- Two applications:
 - 1) **Screening of Parkinson's:** PD-Watch Screen enables prediction and timely diagnosis of Parkinson's disease
 - 2) **Monitoring** of motor signs related to Parkinson's: PD-Watch Track provides additional information leading to a change in therapy, ensuring the patient spends more time in a normal motor state

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Partner profile

- We are seeking a strategic partner with experience in neurological or movement disorder applications and strong interest in digital health, medical devices, or wearable technologies.
- The partner should provide access to at least one qualified neurologist and support clinical data collection involving patients.
- A shared vision for improving patient monitoring and care through innovative, evidence-based solutions, along with a collaborative mindset and interest in co-development and market expansion, are desirable.



POTENTIAL APPLICATIONS FOR PD-WATCH

- Screening for risk associated with Parkinsonian motor syndromes and Parkinson's disease
- Support for the early diagnosis of motor disorders, Parkinson's motor syndromes and Parkinson's disease
- Prevention programmes through objective analysis of motor status
- Support for physicians in optimising and personalising therapy
- Information for patients and healthcare professionals on the progression of the disease over time
- Assessment of the effectiveness of ongoing therapy or rehabilitation treatment
- Analysis of response to new drug therapy, rehabilitation or other types of treatment, including testing of motor response to Levodopa or Apomorphine