



#UniteForParkinsons and its early detection

www.i-prognosis.eu

BRUSSELS, Belgium - April 11, 2017

April is the Parkinson's Awareness Month! On this occasion, the i-PROGNOSIS project partners will release the first iPROGNOSIS mobile application in Germany, Greece and the UK. People that will download the application will be engaged in a large-scale data collection study that will permit to develop algorithms able to detect behavioural changes relating to Parkinson's. Eventually, a tool will be created that will screen for Parkinson's in daily living and lead to an early diagnosis with the help of your doctor. The app will be available (currently for Android devices only) from the Google Play Store.

WHAT IS PARKINSON'S?

Parkinson's disease is a chronic and irreversible neurodegenerative disease, affecting 1.2 million people in Europe, most of them being over the age of 50. Patients with Parkinson's disease have less dopamine – a substance in the brain that controls movement and emotions. Thus, simple activities such as walking, speaking, writing, and emotional stability are significantly affected.

Apart from the common tremor and other motor symptoms, which can be improved with medication, many other symptoms such as sleep disturbances, depression, pain and constipation affect people living with Parkinson's. Yet Parkinson's disease is very difficult to diagnose: it evolves slowly over years and symptoms vary from one patient to the other. With no laboratory tests, early manifestations of the disease are often missed and diagnosis can take up to 10 years!

WHAT IS i-PROGNOSIS?

Combining modern technology with medical experience, i-PROGNOSIS seeks to promote the prognosis of Parkinson's disease through advanced analysis of behavioural data taken during user interaction with everyday smart devices (smartphones, smartwatches, wristbands...).

At the same time, the project aims at the disease management via the design and implementation of targeted, innovative interventions, thus forming new health practices based on technology. The expected results include the empowerment of people with Parkinson's, the improvement of their quality of life as the disease progresses over time, and the reduction of hospitalization.

i-PROGNOSIS is an ambitious, truly innovative research project with a clear social orientation that extends the synergies between the health sector and modern technologies. It stands as a proof that research and innovation are catalysts for significant developments to improve living standards.

WHY A RELEASE IN APRIL?

World Parkinson's Day is held on 11 April every year. It marks the birthday of Dr James Parkinson, who is most famous for publishing 'An Essay on the Shaking Palsy' in 1817 and establishing Parkinson's as an internationally recognised medical condition. 2017 marks 200 years since the essay was published. This provides the perfect opportunity for the international Parkinson's community – including people affected, healthcare professionals and Parkinson's organisations around the world – to join together to raise awareness about the condition.

This year, i-PROGNOSIS will join the #UniteForParkinsons campaign of the European Parkinson's Disease Association and Parkinson's UK to encourage a bigger focus on Parkinson's and the need for more collaborative research and development around the world.

JOIN ONE OF OUR LOCAL EVENTS!

Several events are organised locally in April in the frame of i-PROGNOSIS. You are more than welcome to join one of the events below:

- Organised by the **Northern Greece Parkinson's Foundation** with the support of the **Aristotle University of Thessaloniki**
Date: April 8-9, 2017 (10:00 am – 08:00 pm)
Venue: Aristotelous Square of Thessaloniki, Thessaloniki, Greece
Contact: bostkamb@otenet.gr, vcharisis@ee.auth.gr
[Visit the event page](#)
- Organised by the **Northern Greece Parkinson's Foundation** with the support of the **Aristotle University of Thessaloniki**
Date: April 11, 2017 (from 06:00 pm)
Venue: City Hall of Thessaloniki (room Manolis Anagnostakis), Thessaloniki, Greece
Contact: bostkamb@otenet.gr, vcharisis@ee.auth.gr
[Visit the event page](#)
- Organised by **Parkinson's UK** and **King's College London**
Date: April 12, 2017 (09:30 am - 04:30 pm)
Venue: Golden jubilee Wing, Atrium King's college NHS trust hospital, London, UK
Contact: dhaval.trivedi1@nhs.net
- Organised by **COSMOTE** and the **Microsoft Innovation Center**
Date: to be confirmed
Venue: Microsoft Innovation Centre, 221 Kifissias Ave., 15124, Maroussi, Greece
Contact: media-office@ote.gr, mediarelations@cosmote.gr
- Organised by the **Technische Universität Dresden**
Date: to be confirmed
Venue: to be confirmed, Dresden, Germany
Contact: iprognosis@ukdd.de

MORE INFORMATION

Check out our local event page: <http://www.i-prognosis.eu/?p=1732>

Watch our introductory video: <https://youtu.be/ZzDNRDypz1I>

Visit the GData study page: http://www.i-prognosis.eu/?page_id=1772

Download our press kit: http://www.i-prognosis.eu/?page_id=48

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