FLOODLIGHT Open – A Global, Prospective, Open-Access Study to Better Understand Multiple Sclerosis Using Smartphone Technology

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BACKGROUND

Multiple sclerosis (MS) is an insidious and unpredictable disease that can be hard to track and measure. FLOODLIGHT Open aims to fill in the gaps and help complete a more holistic picture with the hope to one day help improve care

Smartphone-based active and passive functional measurements may be more sensitive and robust in determining MS disease progression than periodic in-clinic assessments¹

- A 6-month proof-of-concept study (FLOODLIGHT; NCT02952911) showed that frequently collected smartphone-based measures can enhance data collected from in-clinic tests by providing a highly granular assessment of patients with MS in their natural setting²⁻⁵
- These findings demonstrate the need for a better understanding of patterns of use for smartphone-based measurements in the real-world to inform the feasibility of collecting sensor data in the long-term

FLOODLIGHT Open aims to assess adherence to smartphone-based high-yield active and passive assessments in approximately 10,000 participants over 5 years

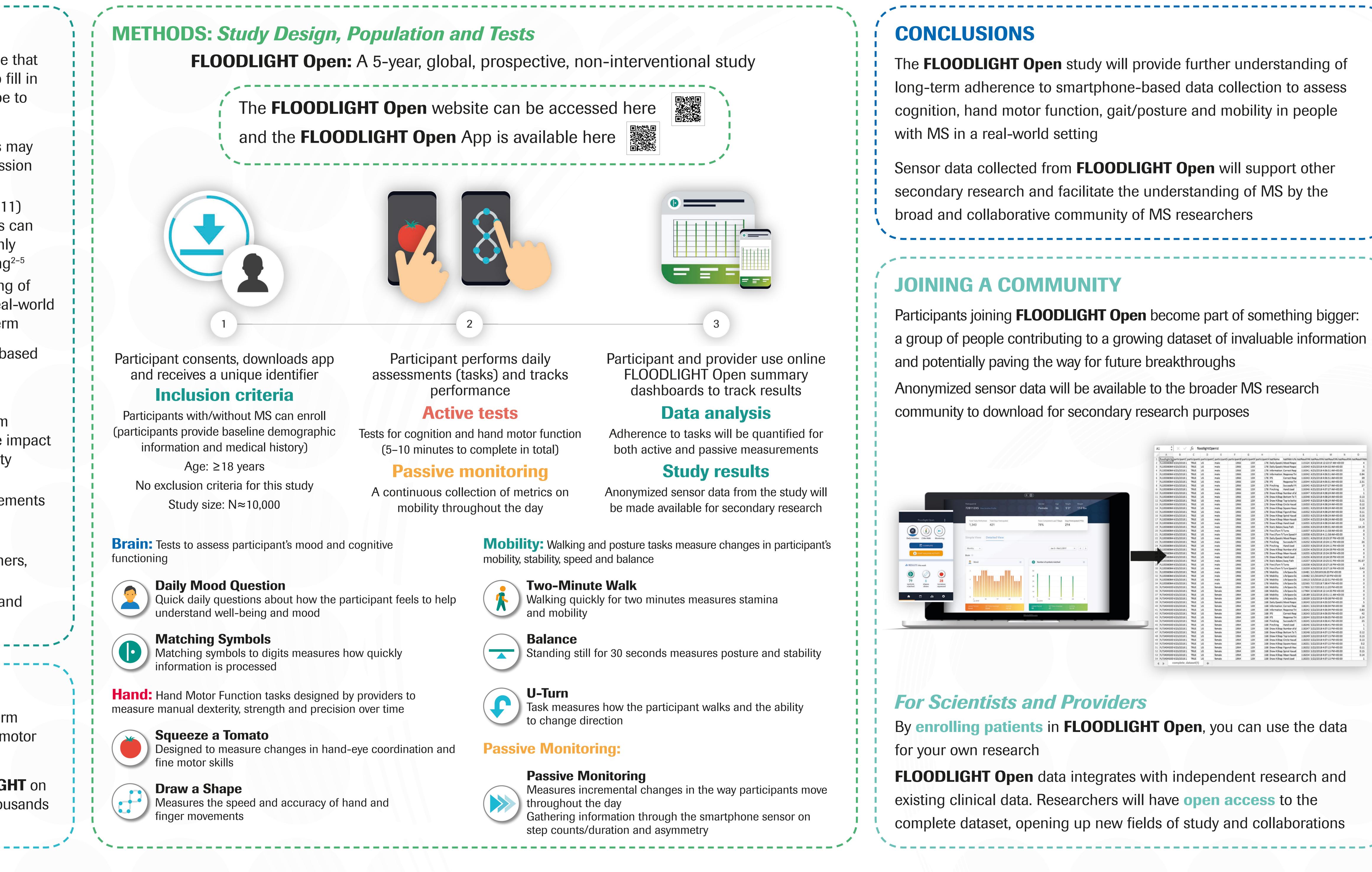
FLOODLIGHT Open measures the participant's ability to perform simple tasks on a smartphone with the aim of understanding the impact of MS on functioning in the domains of cognition, upper extremity and mobility

- This is a digital monitoring study only, with no clinical measurements and no clinical data collected (e.g. no treatment information)
- Participants will be able to access their own data on their smartphones or through a web portal and share them with others, including their providers
- Each data point from each person will contribute to a unique and open dataset designed to help move MS research forward

OBJECTIVE

Primary objective: To understand the factors influencing long-term adherence to active and passive data collection on cognition and motor performance in people with MS over a period of 5 years

To create a more holistic view of MS. By engaging with **FLOODLIGHT** on a regular basis, patients generate data for themselves, and join thousands of others to build a unique open-access dataset



] E al er al e] E Boards of clinical trials in the past 3 years with Biogen, F. Hoffmann-La Roche Ltd and Biogen; has taken part in speaker's bureaus for Biogen, F. Hoffmann-La Roche Ltd, Celgene, Renzyme, F. Hoffmann-La Roche Ltd, Berck, F. Hoffmann-La Roche Ltd, Berck, F. Hoffmann-La Roche Ltd and Biogen; has taken part in speaker's bureaus for Biogen, F. Hoffmann-La Roche Ltd, Berck, F. Hoffmann-La Roche L Santhera, Teva, Vianex and license fees for Neurostatus-UHB products; the Research of the MS Center in Basel has been support at the Swiss MS Society, the Research of the MS Center in Basel has been supported by grants from Bayer, Biogen, Novartis, the Swiss MS Society, the Swiss MS Soc Society, End has received honoraria from AbbVie, Atara Biotherapeutics, E Hoffmann-La Roche Ltd, Five Prime Therapeutics, E Hoffmann-La Roche Ltd, Five Prime Therapeutics, E Hoffmann-La Roche Ltd, Society, Brain Canada, Biogen Idec, F. Hoffmann-La Roche Ltd, Society, Brain Canada, Biogen, Canbex Therapeutics, Renzyme, GlaxoSmithKline, Society, Brain Canada, National MS Society, Brain Canada, Biogen Idec, F. Hoffmann-La Roche Ltd, Five Prime Therapeutics, Bayer HealthCare, Biogen, Canbex Therapeutics, F. Hoffmann-La Roche Ltd, Five Prime Therapeutics, F. Hoffmann-La Roche Ltd, Five Prime Therapeutics, Bayer HealthCare, Biogen, Canbex Therapeutics, F. Hoffmann-La Roche Ltd, Five Prime Therapeutics, Bayer HealthCare, Biogen, Canada, Bi F. Hoffmann-La Roche Ltd. M Lindemann is an employee of F. Hoffmann-La Roche Ltd. Basel, Switzerland. Writing and editorial assistance for this presentation was provided by Articulate Science, UK, and funded by F. Hoffmann-La Roche Ltd, Basel, Switzerland.

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