

Description of Additional Supplementary Files

File Name: Supplementary Movie S1

Description: Automated batch production (10 units per batch) using a computer-controlled dispenser-printing tool.

File Name: Supplementary Movie S2

Description: Stretching of the corneal sensor.

File Name: Supplementary Movie S3

Description: Folding and scrubbing of the corneal sensor

File Name: Supplementary Movie S4

Description: The participant wearing the corneal sensor with natural blinking and eye movements.

File Name: Supplementary Movie S5

Description: Real-time IR imaging during ERG recordings by using the corneal sensor.

File Name: Supplementary Movie S6

Description: Real-time IR imaging during ERG recordings by using the ERG-Jet lens.