STAT·ON

PARKINSON'S HOLTER

MEDICAL DEVICE CLASS IIa

by

SENSE4CARE
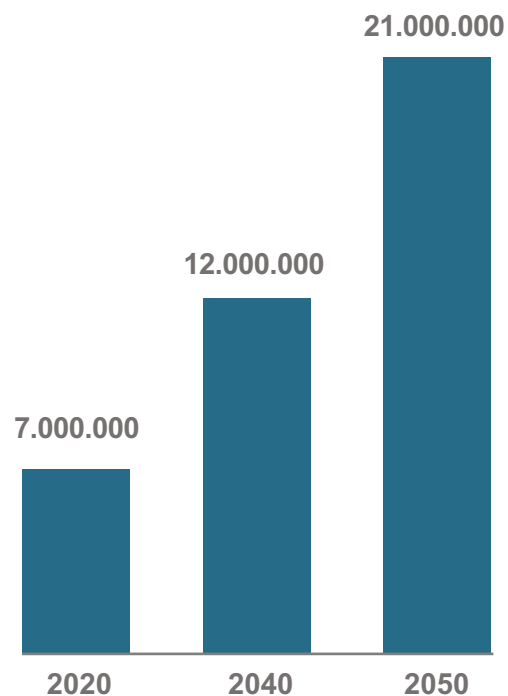
PARKINSON

Is the 2nd most common neurodegenerative disease
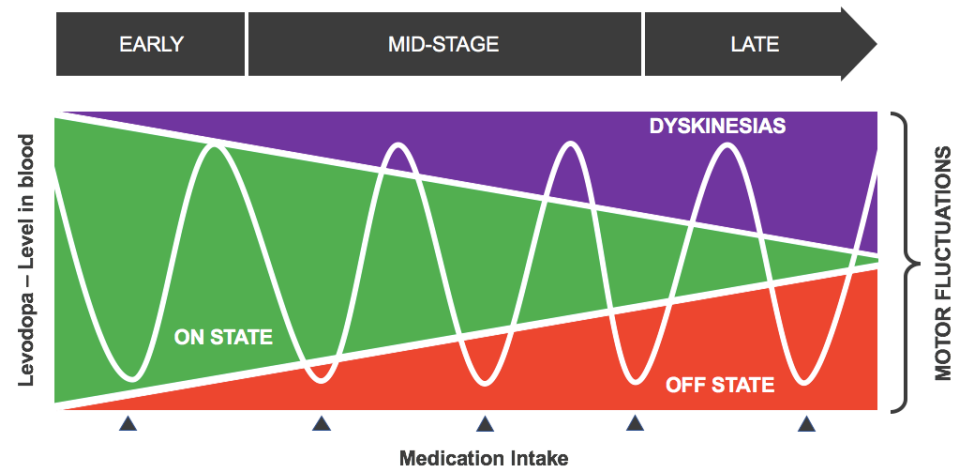## NO CURE

1.200.000
Affected in EUROPE

21.000.000

12.000.000

7.000.000

2020   2040   2050

Parkinson in the world

EVOLUTION

EARLY | MID-STAGE | LATE

Levodopa – Level in blood

DYSKINESIAS

ON STATE

OFF STATE

MOTOR FLUCTUATIONS

Medication Intake

HOW AFFECTS THE PATIENT

Quality of Life	ON state	OFF state / Dyskinesia
Sociability	✓✓✓	✓
Working	✓✓✓	
Risk of Falls	Low	High
Functional Capacity	Normal	Low
Mood	✓✓	
Autonomy	✓✓	

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PROBLEM: DIAGNOSIS & FOLLOW UP

Chaotic diaries
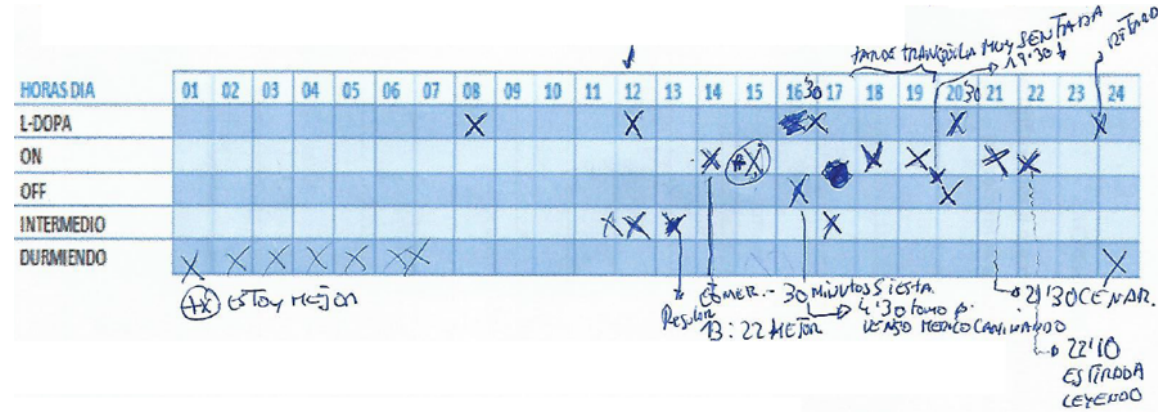
Subjective questionnaires

Face-to-Face punctual evaluations

SOLUTION: PARKINSON'S HOLTER

OBJECTIVE & CONTINUOS MONITORING AT HOME

HOLTER

Weekly Summary of Motor Status of the patient 32

INT · ON · OFF · Dyskinesia · Not applicable · Button Event · Fall
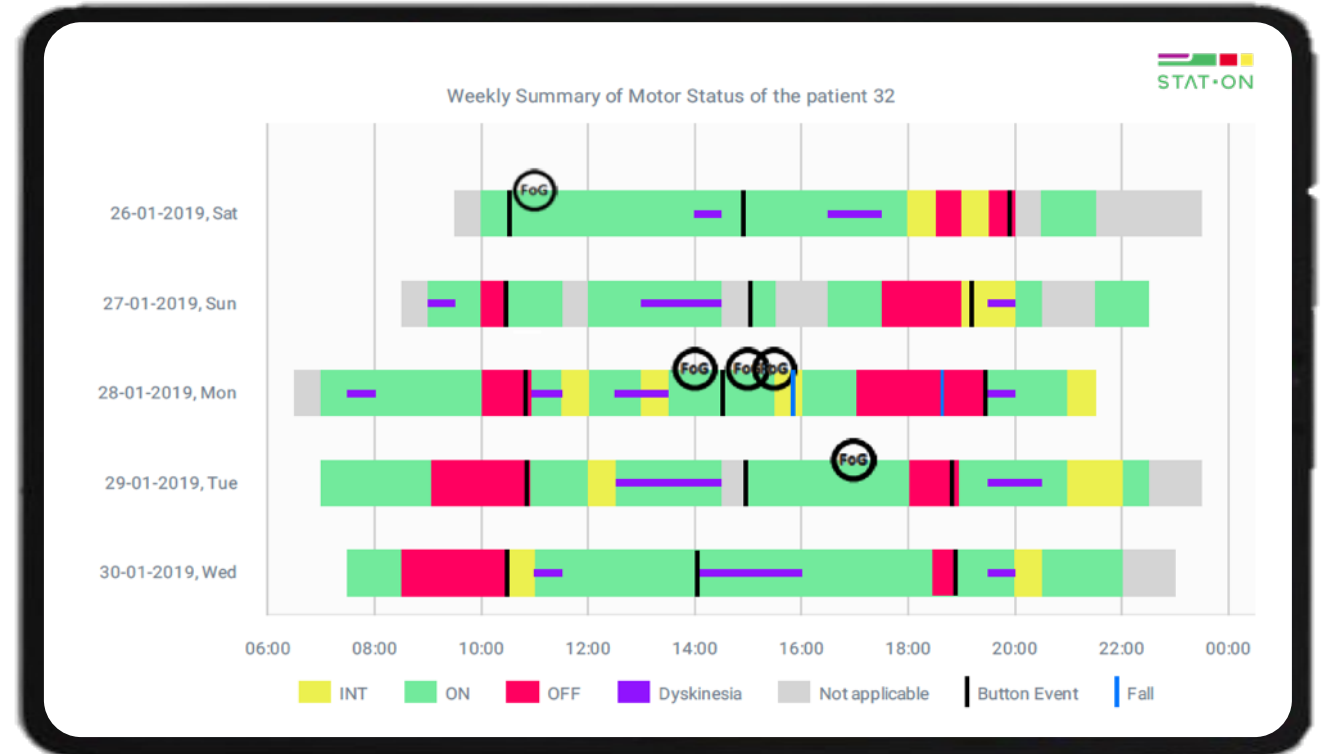
Well-monitored patient → Better diagnosis → More efficient treatment → Controlled symptoms → Improve Patient's QoL

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SOLUTION: HOW IT WORKS

1

CONFIGURATION

Self-adaptative ON-OFF algorithm

Only 3 inputs to set it up
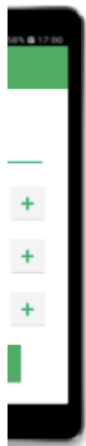
2

MONITORING AT HOME 🏠

3

OBJETIVE EVALUATION

SENSITIVITY	SPECIFICITY	SENSITIVITY	SPECIFICITY	SENSITIVITY	SPECIFICITY	SENSITIVITY	SPECIFICITY
92%	94%	93%	95%	88%	81%	85%	85%

ON-OFF STATES — DYSKINESIA — BRADYKINESIA — FREEZING OF GAIT
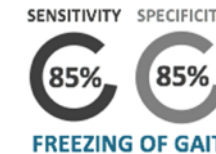
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REPORT'S RESULTS

Report Summary

|	
User ID:	171113-S01
Age:	68
Hoehn & Yahr:	OFF: 3, ON: 2
Study start date:	3/28/2018
Study ending date:	4/1/2018
Total days monitored	5
Total FoG Episodes	87
Average FoG Episodes per day	18±4
Average minutes walking per day	58±19
Average number of steps per day	3094±560
Number of falls	4
Time in OFF (% regarding total time monitored)	7.2 hours (34.5 %)
Time in Intermediate (% regarding total time monitored)	9.6 hours (43.6 %)
Time in ON (% regarding total time monitored)	8.4 hours (38.2%)
Time with dyskinesias (% regarding total time monitored)	1.6 hours (7.3 %)
Total time monitored	22 hours

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REPORT'S RESULTS

Other Information reported by STAT-ON
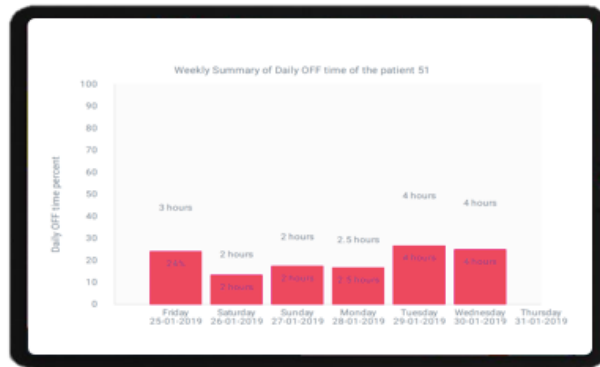
% of time in OFF
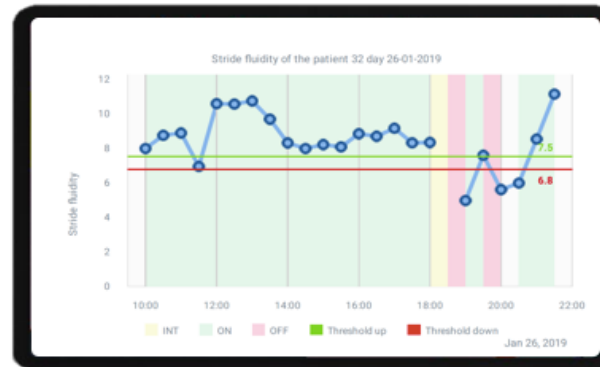
Stride Fluidity

Nº of FoG episodes
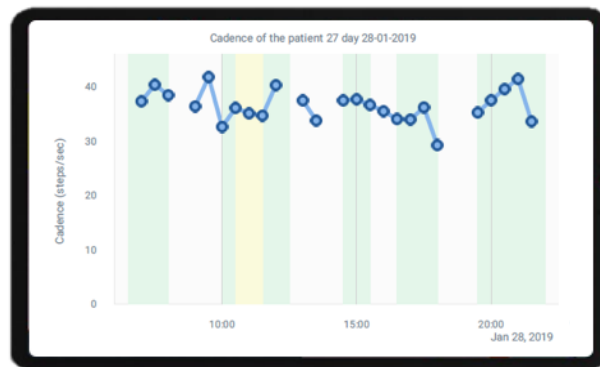
Cadence
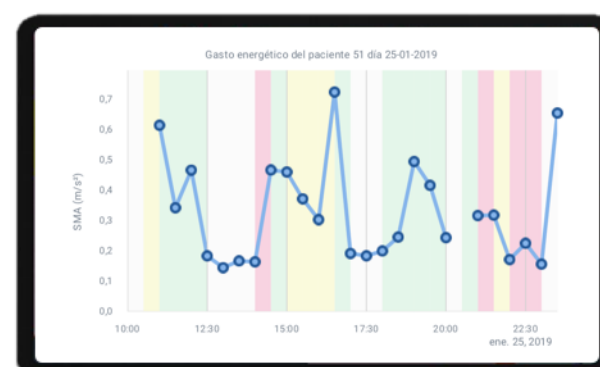
Energy expenditure
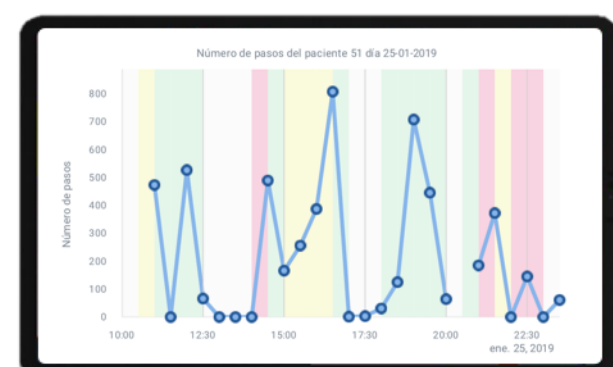
Number of Steps

PATIENT'S QoL IMPROVEMENT
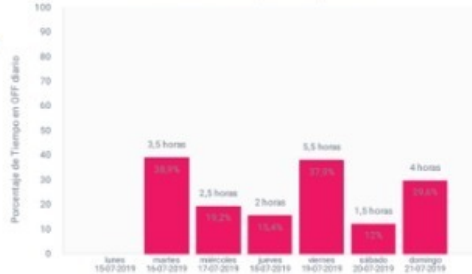
PRE-INTERVENTION
JULY 2019
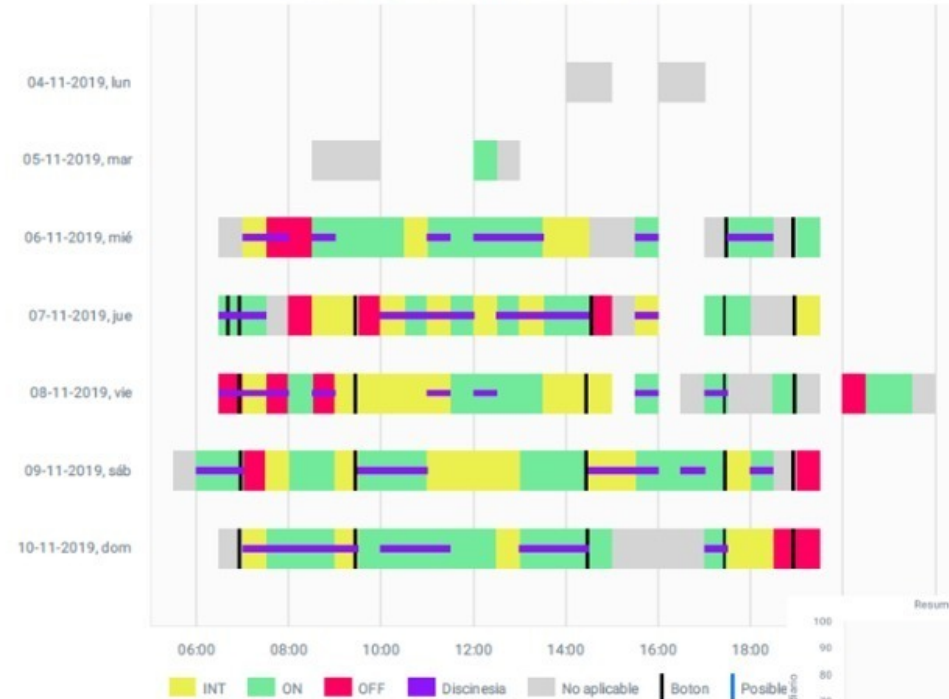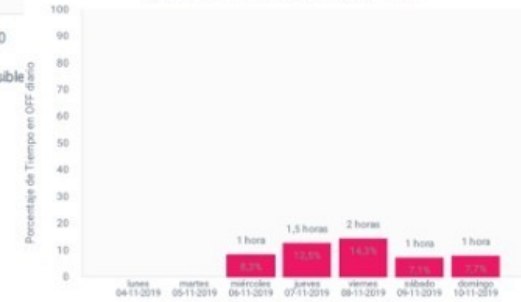
POST-INTERVENTION
NOVEMBER 2019

STAT-ON BENEFITS

1. **Improvement of QoL of the patient**

2. **Identifying Candidates for Moderate or Advanced Therapies**

3. **Evaluation of new Pharma products, adjusting therapies much faster.**

4. **Better, objective, easier and faster follow-up of the patient**

5. **Home Monitoring (Post COVID-19)**

6. **Less institutionalizations**

THE MOST ADVANCED SOLUTION FOR HOME MONITORING, AND EVALUATION OF PARKINSON'S DISEASE

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