

gaspard.

Imaginé par  CAPTIV

gaspard.'s General Introduction.

Pharmaouest
PREVENTIX



Connected objects' creators.

Gaspard. is the creation of a young company from Nantes, Captiv'. Creators of connected objects since 2015, they have imagined a range of new clever products around problematic caused by physical disabilities.



Morgan



Regis



Dann



Romain



Vincent



Alain



Lisa

The Origin of Gaspard.

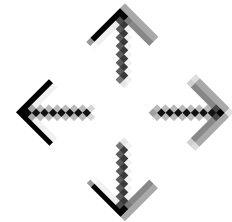
Everything started in 2013: Morgan, the founder of Captiv', became tetraplegic following an important accident.

He discovered two new worlds: the one of disability, and the one of creativity.

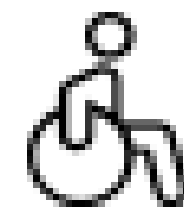
The problem appears.

During his time at hospital, Morgan faces the important problems of pressure sores when in a wheelchair.

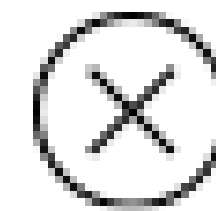
Even though, the causes of this issue seem obvious:



Bad positioning



Prolonged inactivity
in the wheelchair

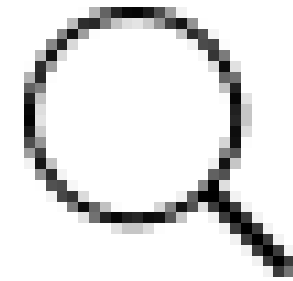


Loss of sensibility

He therefore asked himself the following question:

Is there a an active and clever mean to prevent
pressure sores?

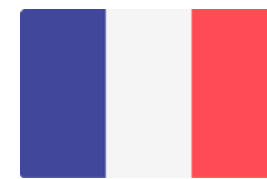
But no such system is available...



Morgan and his team therefore start to ponder about the statistics of pressure sores in France and in the rest of the world.

Did you know it?

The problem is major in France with:



600 000

people are living in wheelchairs.

50%

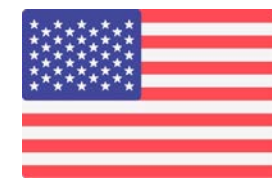
of those in wheelchairs suffer from pressure sores every year.

3,35 billions €

are spent every year to cure pressure sores.

Did you know it?

In the US the problem is alarming:



3,6 million

people are living in wheelchairs.

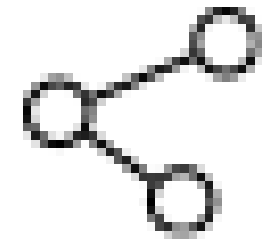
70%

of those in wheelchairs suffer from pressure sores every year.

11 billions \$

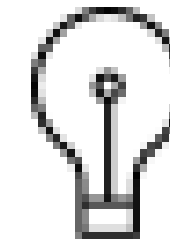
are spent every year to cure pressure sores.

Morgan and his team then had the idea to
make each wheelchair:



Connected

&



Clever

And so gaspard. was born:

The first connected solution which prevents skin problems in wheelchairs.



gaspard.
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gaspard. my ally against pressure sores.

A pad located below the seating cushion, connected to the user's phone per a
dedicated app.

Its role: fight against inactivity, and bad positioning in the wheelchair.

Lancer la vidéo

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gaspard. my ally against pressure sores

1

gaspard. analyses the user's position and his activity by itself and cleverly.



gaspard.
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gaspard. my ally against pressure sores

2

As soon as something wrong is detected, a notification appears on the user's smartphone.



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gaspard. my ally against pressure sores

3

The app uses the user to correct any lack of activity or bad positioning

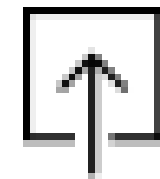


The connected pad

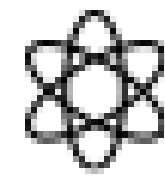
A display of sensors of similar size,
discreet, perfectly adapted to the wheelchair.



Discreet



Easy to Install

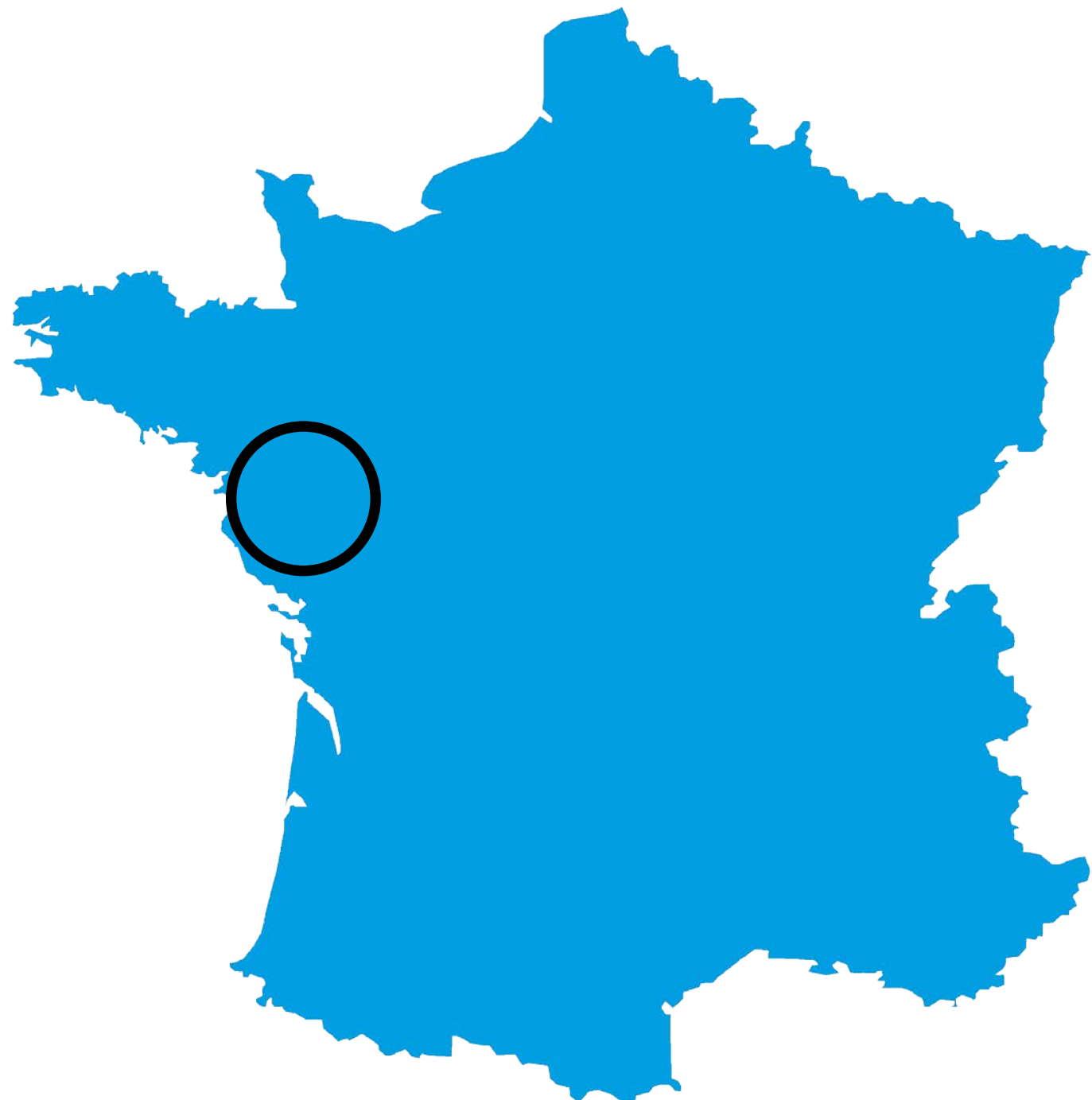


High technology

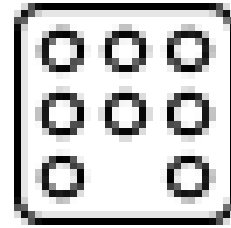


The connected pad

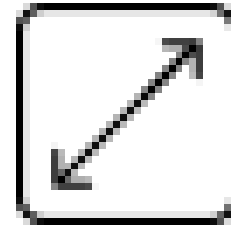
A product fully made in France thanks to an important network of local partners



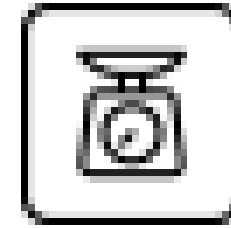
Technical sheet



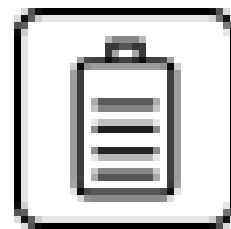
Numerous sensors ideally located



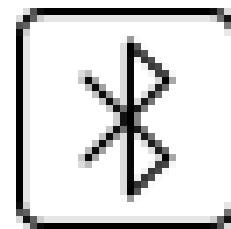
Unique size, compatible with any seats from and larger than 40cm x 40cm



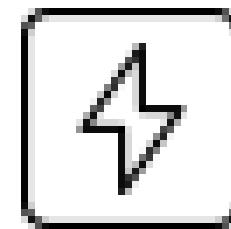
From 40 to 150 kg



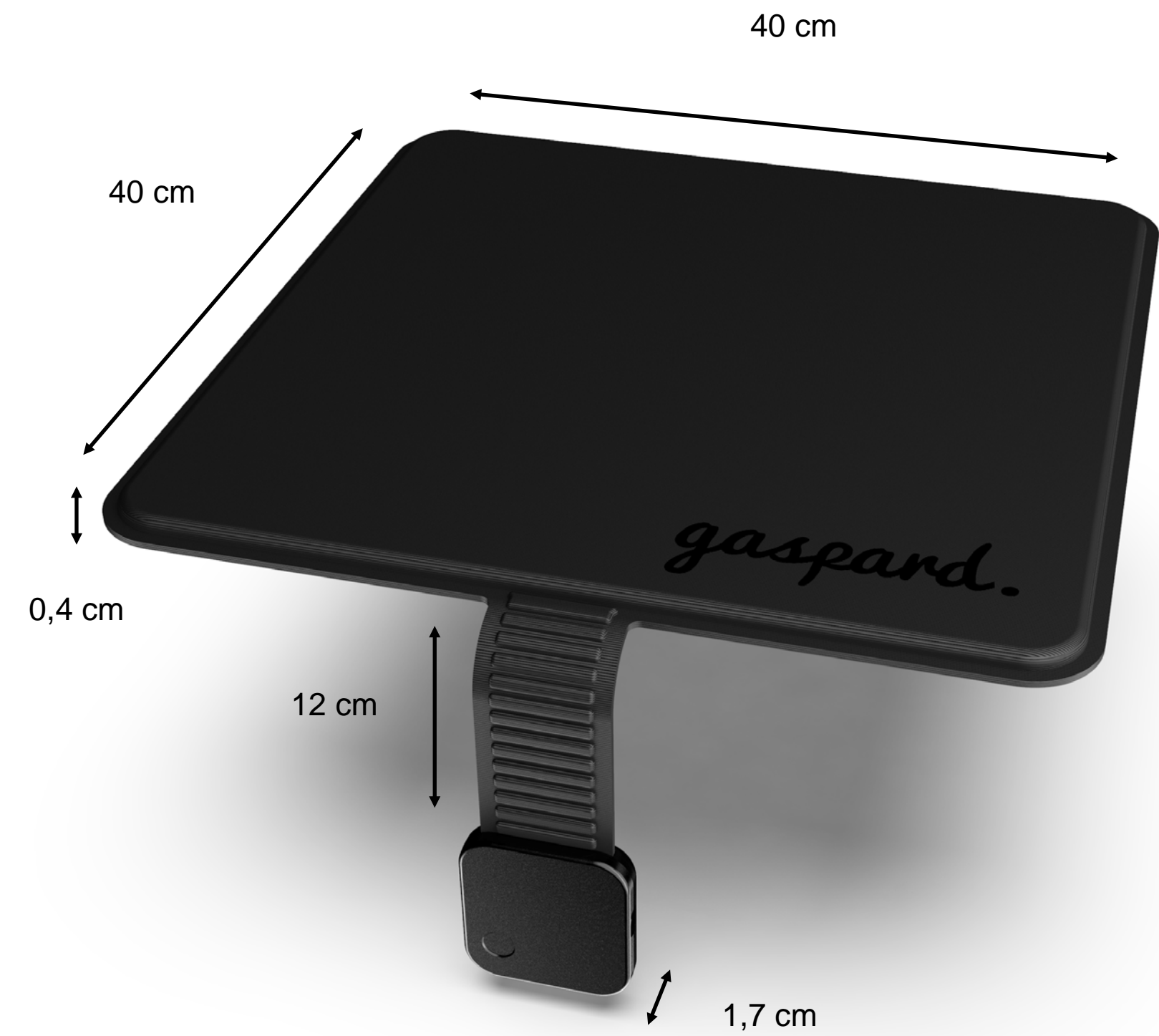
Guaranteed autonomy of 7 days



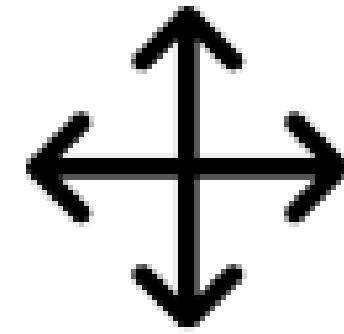
Bluetooth 4.0 compatible



Powered per magnetic USB cables

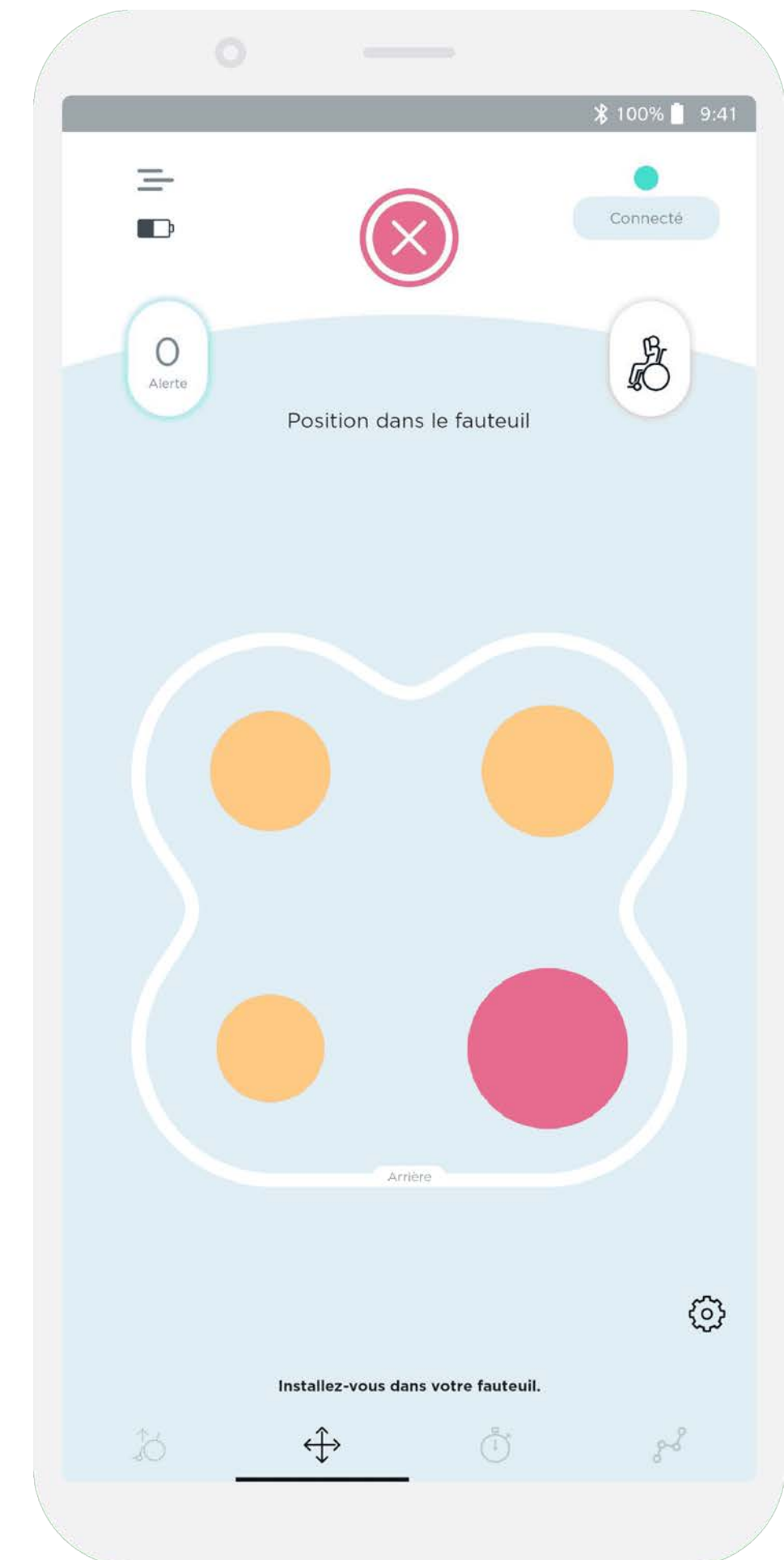


The App



Detection of bad positioning

The pad identifies abnormal pressure points in relation to the ideal position initially determined. In case of irregularity, alerts are displayed on the user's smartphone

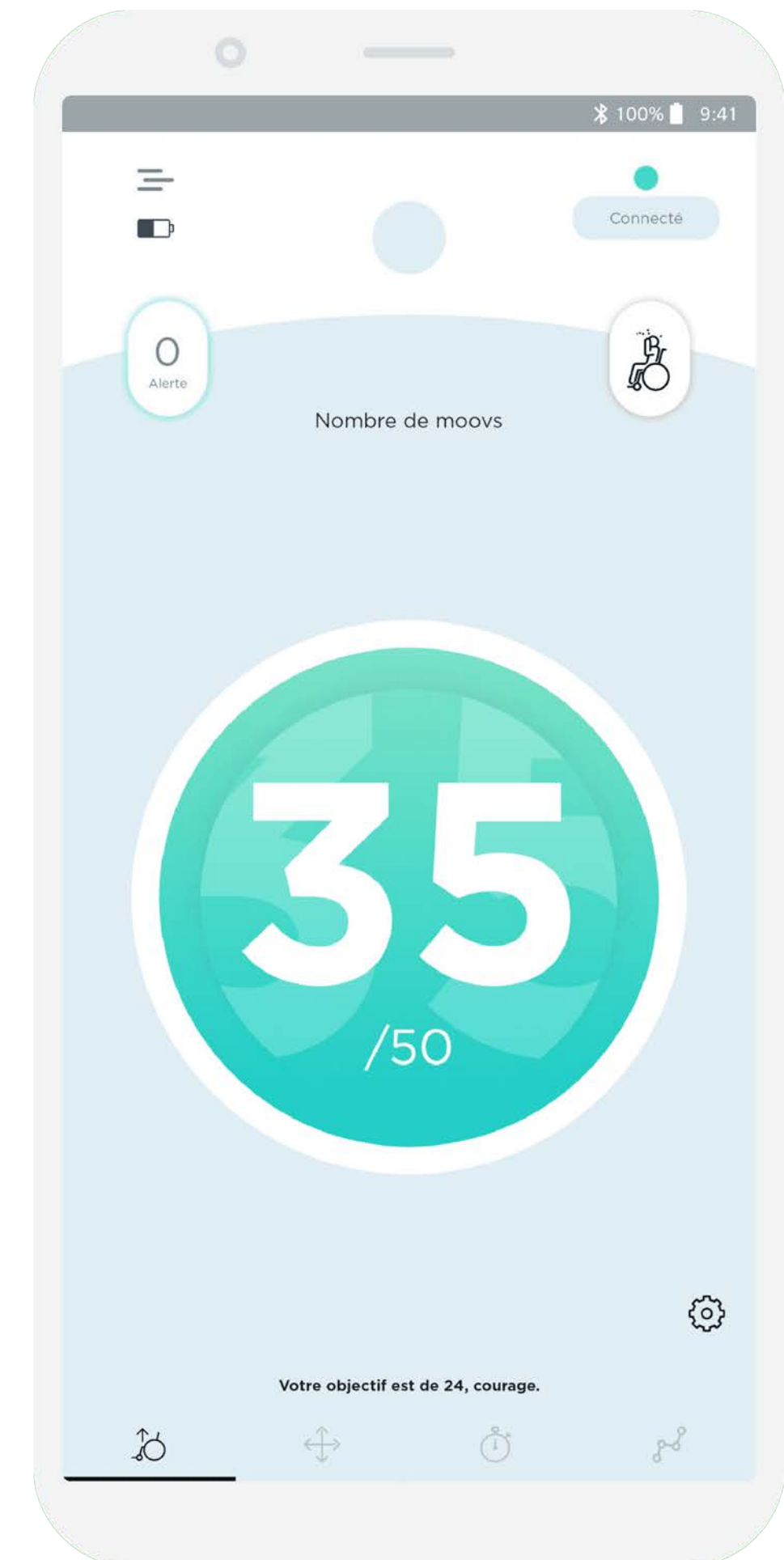


The App

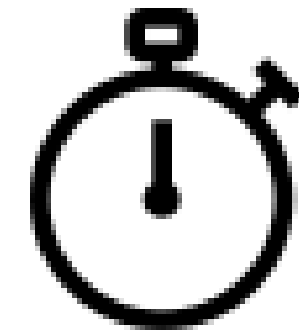


Movement count

gaspard. is the first object which is able to count the number of push-ups realized and to motivate the use to achieve his daily goal. Healthcare professionals, can use it to guide and advise the user

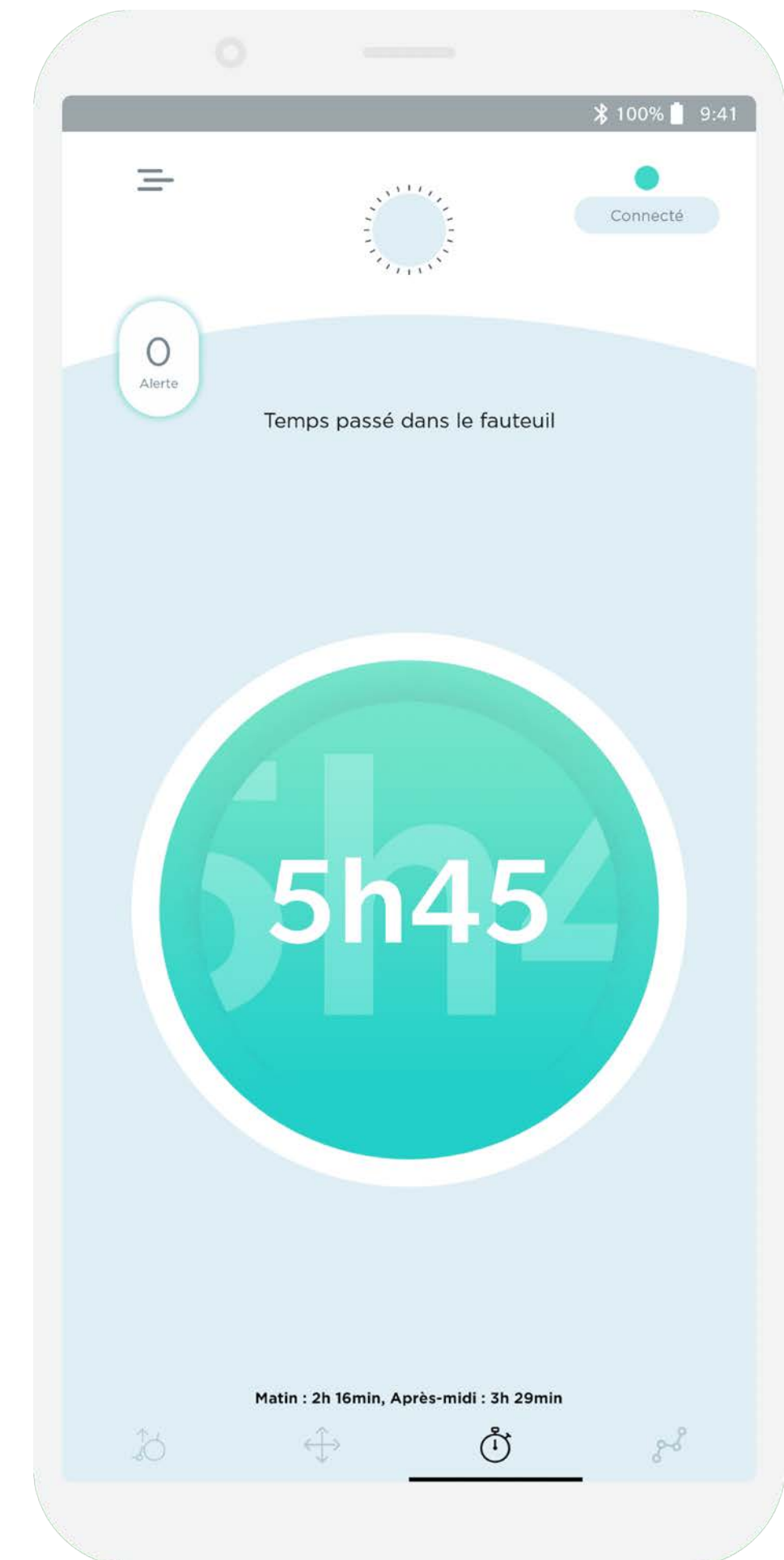


The App



Time registration

The time spent seated is an essential data, the pad calculates it precisely on a daily basis. A timer allow to usually visualize the information at any time.

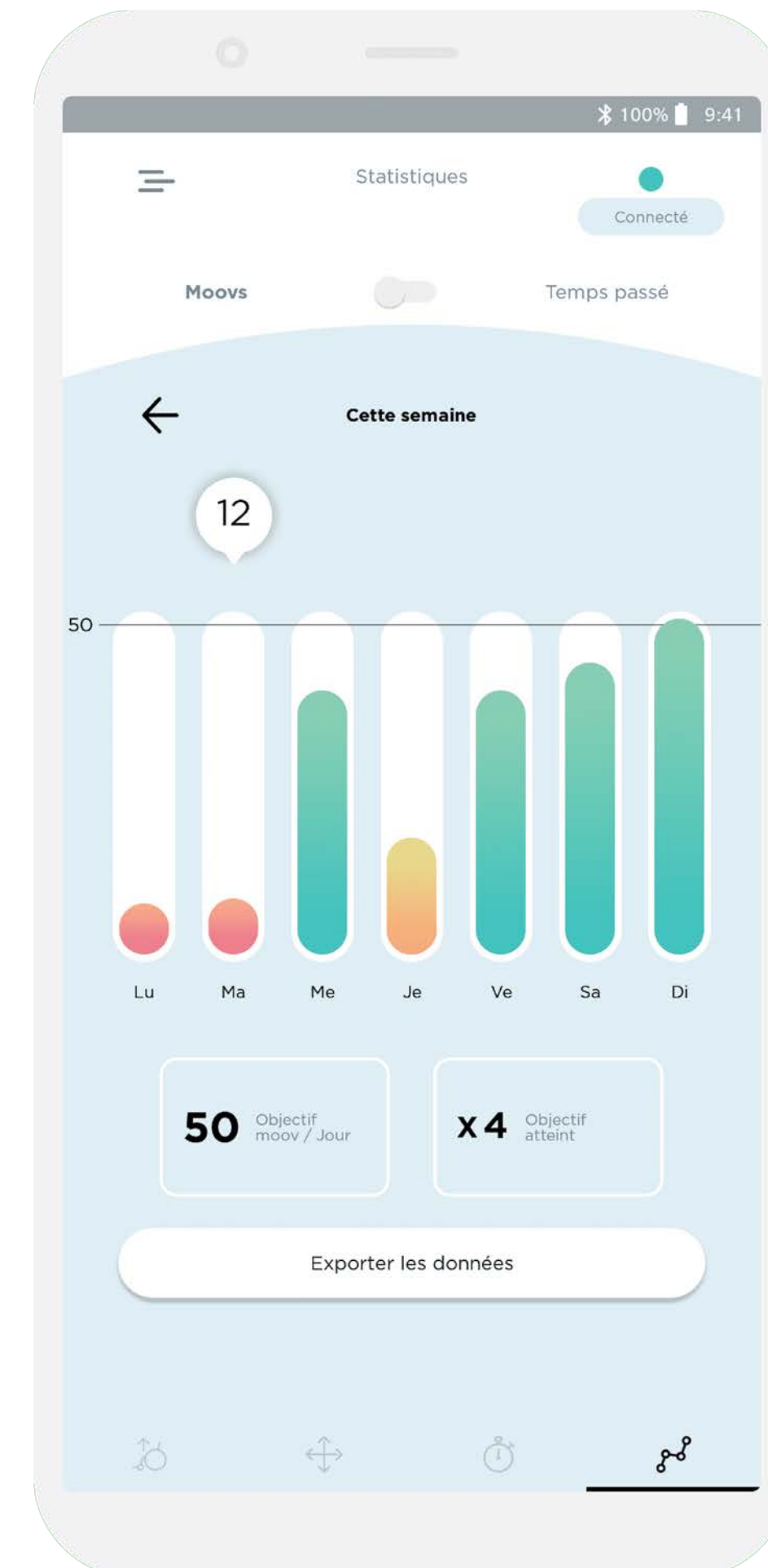


The App

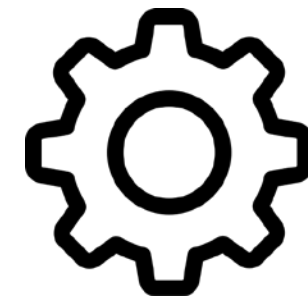


History & statistics

The app collects several information in order to offer an histogram of the time spent seated and of the push-up goals.
The user can share this data with anyone of his choice.

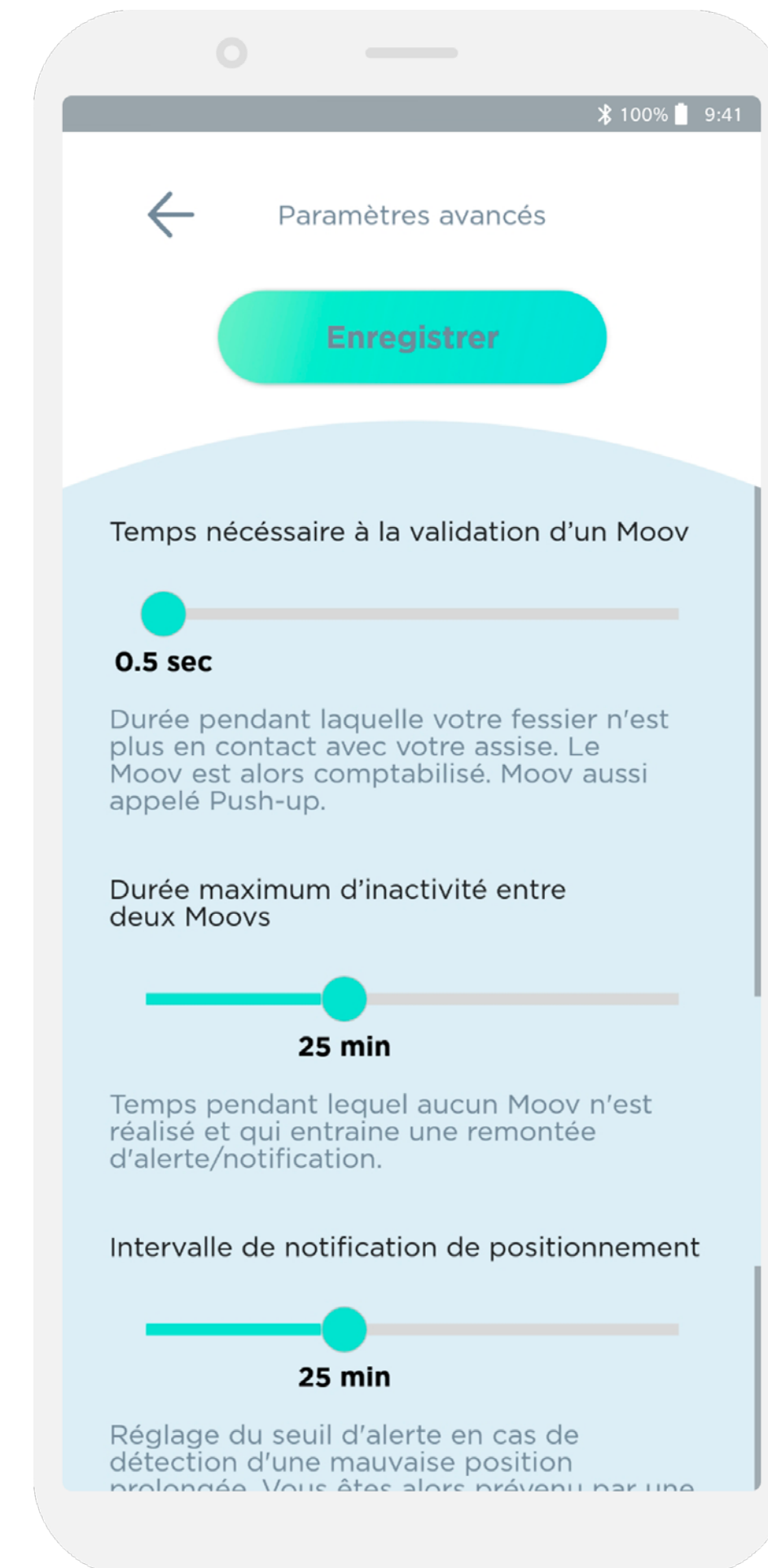


The App



Settings & calibration

Because each disability is unique, the app will adapt itself to the user's pathology.
All settings can be modified according to his needs and goals.
The calibration enables Gaspard to control the nature of each position.



The App



Rewards

The app motivates the user on a daily basis thanks to a game system. The user receives rewards with badges. Day after day, the app encourages the user to use the app and to exceed his goals.

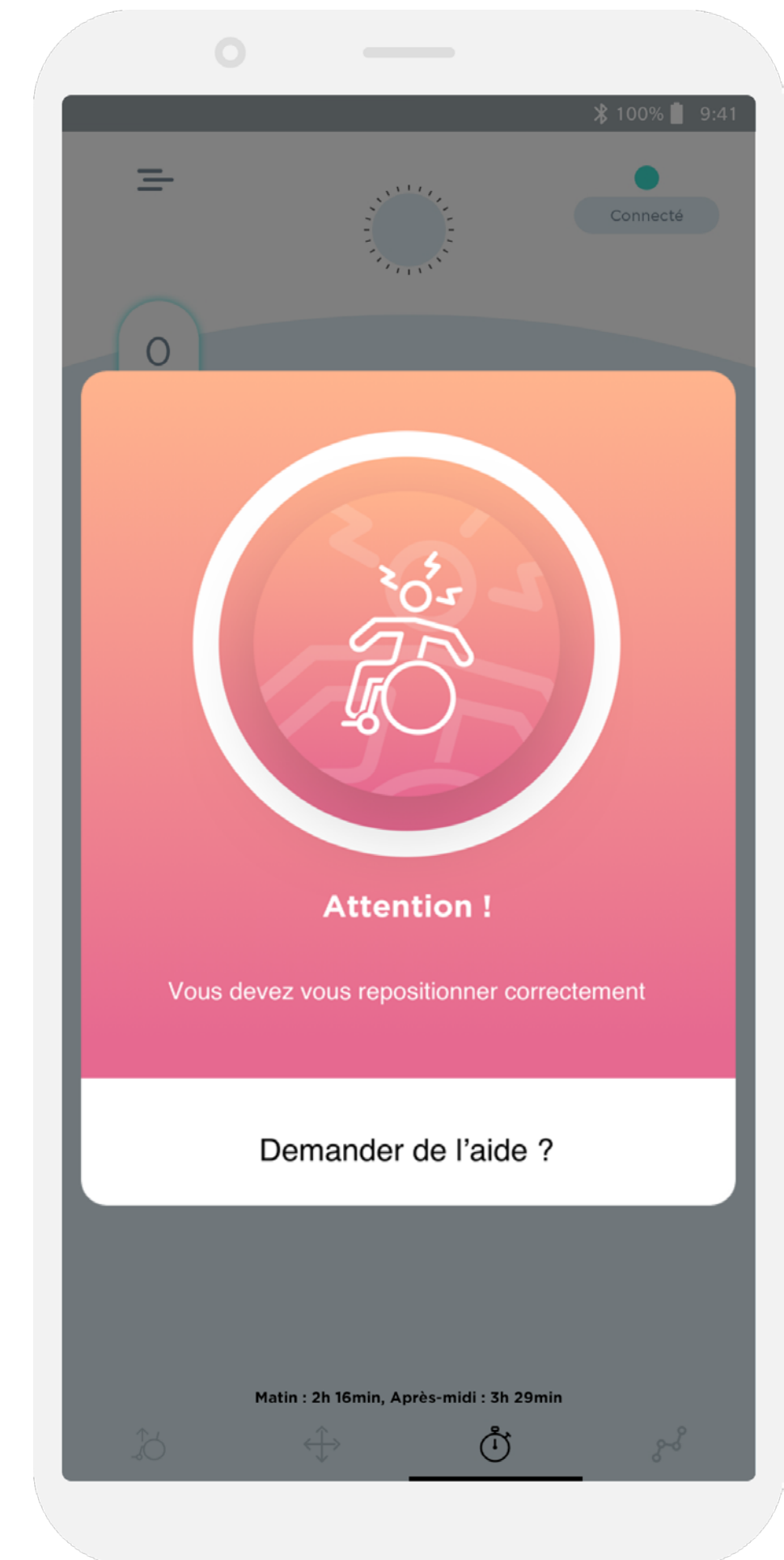


The App



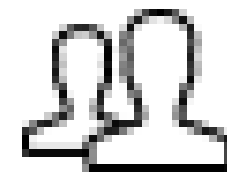
Alerts

The app alerts the user on his phone whenever it detects an anomaly in the positioning or a prolonged inactivity. Because a skin problem can appear faster than though, all collected information can be shared to a helper, in order to help more efficiently the patient.



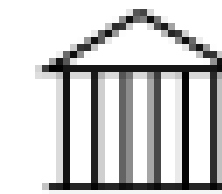
The App

Gaspard.'s App generates precious data which will allow to:



Users:

- ✓ Prevent skin problems thanks to precise alerts
- ✓ Share their data history with healthcare professional
- ✓ Speed up the care as soon as necessary



Distribution network:

- ✓ To dispose some precise information on the products' use
- ✓ Create some targeted polls
- ✓ Obtain a qualitative customer file

A product linked to healthcare professionals

Healthcare professionals confirm the benefits of Gaspard.:



A thesis realized by Mathilde MASSARDIER,
final year medicine student at Limoges CHU .



A study on the benefits of Gaspard realized by Marilyne Balcon,
nurse at the re-education centre of KERPAPÉ .

You are interested by gaspard.?

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