

Functions  
Notification

## Notifies the right timing to go to the toilet.

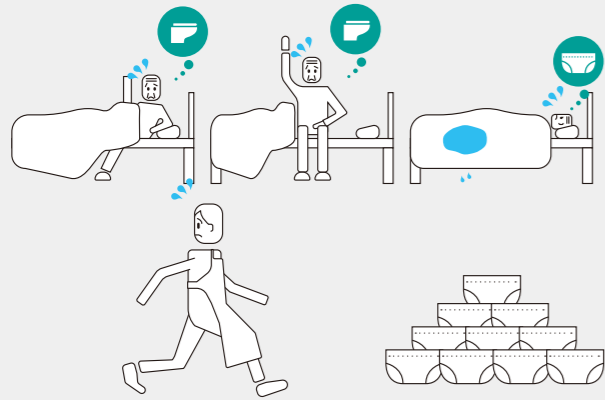
> Supports self-toileting by going to the toilet at the right timing

before



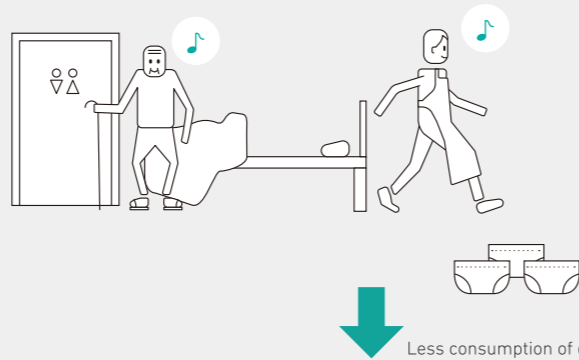
after

Especially for the elderly, there are many factors that could cause concerns about their ability to go to the toilet timely.



More consumption of diapers

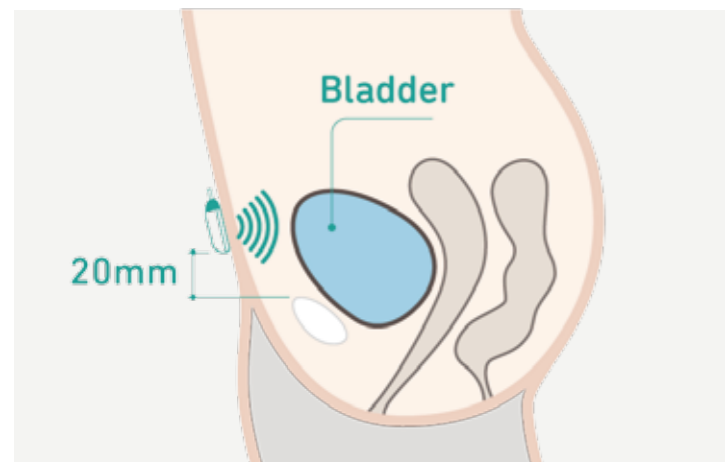
DFree supports your daily life by prompting you to head to the toilet at the appropriate timing so that you have enough time to prepare. DFree relieves concerns of the elderly and also reduce the costs of diapers.



Less consumption of diapers

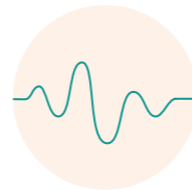
## D Free How it Works

DFree detects the changes of the bladder and predicts the timing of urination. When using, place the sensor 20mm above pubis.



### 1 Using Non-Invasive Ultrasound

DFree uses harmless, non-invasive ultrasound sensor.



### 2 Easy Adjust Mode

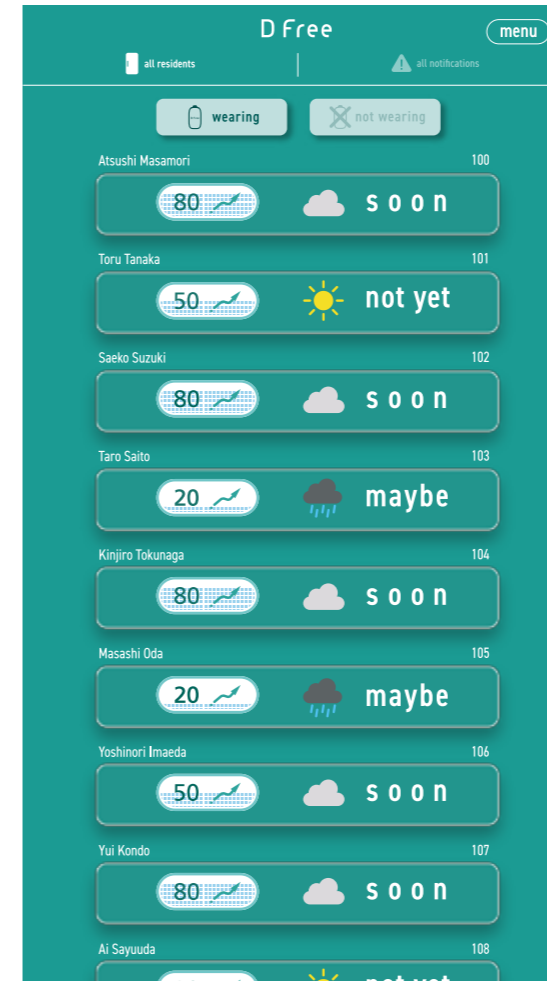
LED light will change the color when placed at the right place, helping you put the sensor easily.

### 3 Connects to Smart Devices

DFree sends alerts to your smart devices when it is recommended to go to the toilet.

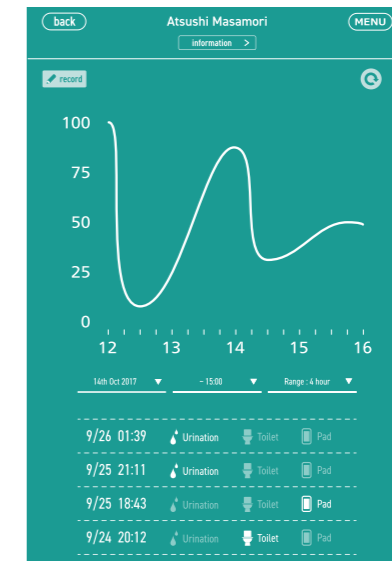


## D Free Application



1 Various notification functions  
Notifications will be sent not only for the toilet timing but also for network connection and low battery level.

2 Visualizes your toilet pattern  
By visualizing data to a graph, DFree APP enables users to understand their toilet patterns at a glance.



3 Record Toilet Care  
You can record the time of the toilet cares that have been done such as changing diapers.



## D Free Results and Outcomes

### Independence Support

1 By using DFree the resident who was reluctant to go out became more enthusiastic about her rehabilitation program.

2 Now that I know that I can hold two hours for a toilet, I can go for a walk with my family without being anxious.

3 With DFree, I was able to change the diaper without having the residents wait for a long time.

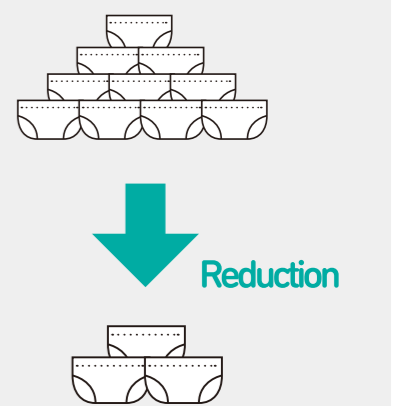


### Less Care Time



Reduced 30% of care time by making toilet care more efficient.

### Less Diapers



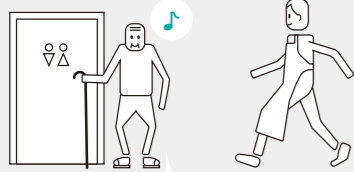
Reduced 50% of cost for diapers and pads

Above are example of actual results in the nursing homes. The result will differ with the nursing homes, users, and the care takers.

# D Free Use cases

## No more wetting your pants with easy steps to use!

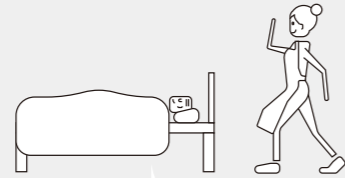
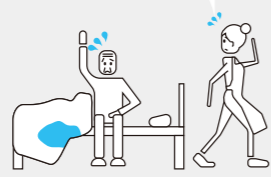
It's not easy taking the elderly to the bathroom. Sometimes it's necessary to change clothes and beddings just after taking them to the toilets.



Since DFree will let me know when the user needs to go to the toilet, I have more time to use for cares other than toilet care.

## Able to go to the bathroom at right timing!

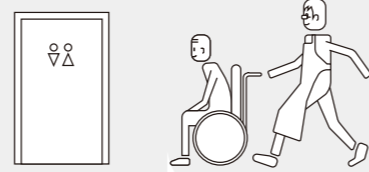
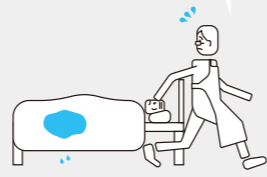
Mr.A seems to be worried about wetting his pants. If there's something I could help.



Although I'm not familiar with smart devices, the apps are easy to use and I can see the user's toilet rhythm which helps me to improve the care.

## Less worries, more smiles!

It's difficult when the elderly have difficulty expressing your feelings, especially when it comes to the needs to go to the bathroom.



I can take the users to the bathroom before they ask me to do so. DFree will notify me beforehand so there's less stress for both the user and myself.

## Specification

	Size (mm)	Weight(g)	Battery	Battery duration
Main body	W83×D80×H33	73	Accessary AC adapter ( AC100V-240V / 50-60Hz / 0.5A )	24hours at maximum ( 4hours needed for full charge )
Sensor	W62×D34×H12	18		

## CORPORATE PROFILE

Firm Name	Triple W Japan K.K
Found Date	2/18/2015
CEO	Atsushi Nakanishi
Address	Daiichi Kasuya Building 2-9 Sakuragaokacho, Shibuya-ku, Tokyo, 150-0031
Oversea Subsidiary	2230 Homestead Court #307, LOS ALTOS CA 94024
	66 Avenue des Champs-Élysées, 75008, Paris
Equity	348million yen (incl. reserves)
Business Overview	We plan, develop, and sell timing predicting wearable device " DFree "

## NEWS

	Grand Prize " Japan Healthcare Business Contest 2017 " by MRT
Mar. 2017	Certified for Kawasaki Innovation Standard by city of Kawasaki 
Jan. 2017	3rd Place in Forbes JAPAN " NEXT RISING STAR AWARD "
Nov. 2016	Adopted for Corporate Alliance Program of NEDO Chosen for innovative start-up product by Nikkei TRENDY



Notifies the right timing to go to the toilet.

