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Lung health monitoring system for asthma patients

What it is?

Breathcount is an electronic Peak Flow Meter that sends data to your smartphone. There custom software informs patients and others of their asthma state and gives suggestions when needed.

How it works?

FIRST TIME USE

1. User pairs the device with their smartphone
2. Inputs their information (age, height, sex)
3. Blow into the device as instructed on the phone
4. A sound marks registering of data which is then displayed

EVERYDAY USE

1. Phone reminds them to take a measurement before leaving the device or at certain times
2. They blow into the device
3. Phone notifies that data was received
4. If measurements indicate of worsening in patient's condition, precautionary actions are suggested

How many users?

15,000 people
(of them 10,000 children)
are diagnosed with asthma every day

10% of the population has asthma; 10% of asthma patients should monitor their asthma state; Asthma is most common in USA and Europe where smartphone penetration is above 50% of total population

Any competition?

Breathcount aims to replace mechanical PEFM devices by making them more convenient for users and also providing gathered data to doctors for precise illness management.

Any barriers to entry?

Product medical certification:

- *FDA approval*
- *CE certificate*
- *BLE certification*
- *Product Intellectual Property protection*

Team?

Povilas Sidaravičius
2 years in project management
R&D lab CEO and Co-founder

Gabrielius Klemas
7 years in electronics engineering

Mantas Norvaiša
3 years in mobile development
2 years in server web development

Darius Lapūnas
3 years in mobile development
R&D lab Co-founder

Gintarė Grigaliūnė
Experience in medical project manment

Partners

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