

A smart sleep suit monitors babies' body temperature and alerts parents in case of fever

LOCATION: Seville

DURATION: 1'50"

SUMMARY: An engineer from Seville has created a smart sleep suit for babies which monitors their body temperature and alerts parents in case of fever. This wearable is called Thermibody and sends measurement data to the parents' mobile phones through a sensor inserted in clothes, without need for additional activation. This device is especially useful for parents whose children are affected by febrile seizures, a disease that affects around 5% children under five years old, consisting of seizures that reach over 38 degrees Celsius.

VTR:

He isn't just dressing his baby, he's doing much more; because the sleep suit this baby is wearing is smart. Simply by inserting this device, it will monitor the baby's body temperature all night long, alerting the baby's father of changes.

ÁLVARO CABRERIZO
CTO Thermibody

"When he is sick, if you give him medicine, an antipyretic, and you want to know if it is effective or not, the speed, or if he should have a second dose. To have that control which you could only have if you were constantly measuring the baby's temperature with a thermometer."

It is the invention of this engineer from Seville, who is a father of two. He wanted to make his life easier, as well as the life of other parents who spend sleepless nights because their children have a fever.

JOSÉ IGNACIO BERDÚN
Creator of Thermibody

"On one hand we have an organic cotton sleep suit that includes a sensor which is used in hospitals with neonatal intensive care units, a clinical sensor that monitors temperature."

On the other hand is this piece which they call the heart. A device that sends measurement data to the mobile phone.

JOSÉ IGNACIO BERDÚN
Creator of Thermibody

"And apart from that, a series of additional possibilities such as being able to set up an alert on your mobile that sounds when temperature reaches a specific level. It can alert in case it is over 38.5."

An app especially useful for parents whose children are affected by febrile seizures, a disease that affects between 2 and 5% children under five years old, consisting of seizures that reach over 38 degrees Celsius. Avoiding this with temperature control would be a great relief to them.

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