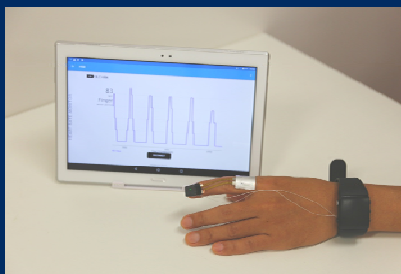


Continuous vital monitoring using stretchable wiring technology

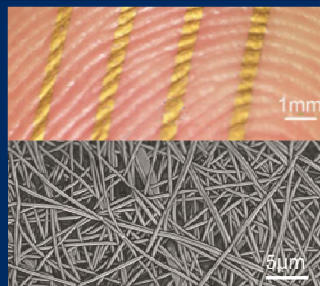
Vital signs sensing technology enabling emotion estimation with high accuracy

A bio-harmonized pulse sensor module is fabricated using the stretchable electronics technologies. Because it does not get in the way when you wear it, the sensor is expected to acquire stable pulse data for a long time. In the future, by estimating the emotion from the acquired data, it is expected to be applied in business management and health care fields.

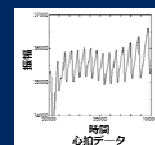
(Collaboration with Prof. Someya, The University of Tokyo)



A bio-harmonized pulse sensor module fabricated using the stretchable electronics tech.



A nano-mesh wiring tech. having flexibility, elasticity and air permissivity.



Accurate data can be collected by patch-type sensor without having an affection of body movements.

Use for :

- Stress Monitoring
- Amelioration for Working Place
- Environment Watching for Worker / Child

Estimated Users :

- Workers in industry
- Hospitalized Patients
- Aged Person • Children

Vital Data Collection



Visualization for stress / health

Data Analysis (Emotion Estimation)

Features

- Improvement for wearing feel of vital sensors can be achieved by using the nano-mesh wiring technology having flexibility, elasticity and air permissivity.
- A heartbeat fluctuation can be measured without having any wearing stress, and the emotion can be estimated immediately.
- This technology is applicable for healthcare monitoring to the aged people

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