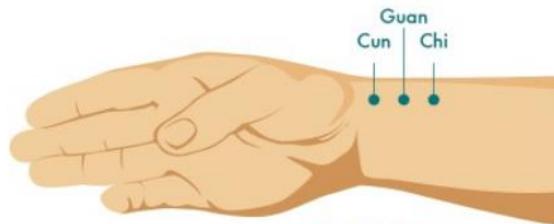


Diagnosis

Innovations transcend everything we imagine! Connecting objects to the internet is a trend that is going now. Watches, bracelets, phones, televisions and cars are already reality via IOT Internet of Things. But the transformation is deeper. Not only consumer products will be networked: industrial machinery, public transportation, hospital equipment or human people. All objects tend to connect. To use a wristband that tracks everything from steps and heart rate, sleep quality, calories burned, and applications.

Integrating pulsology, heart rate, oximetry and temperature indicators, under the perspective of the [Five Elements of Chinese Medicine](#) in sports activities, in hospital screening, in the monitoring of company employees and in family homes, will be a qualitative and economic differential of spending on people's health. Acting preventively in health imbalances could be an economy to the state, to companies and to people. If you have a lung disease, your blood oxygen level may turn out to be less than normal. It is important to know if and when this occurs because when your oxygen level is low, your body's cells may have difficulty working properly. Oxygen is the that makes your body work. Having a very low level of blood oxygen can overwhelm your heart and brain. Most people need a saturation level of at least 89% to keep their cells healthy. It is believed that a level lower than this for a short time does not cause damage.



3 Positions

Place 3 fingers over radial artery, with middle (guan) position over the styloid process of the wrist.



3 Levels

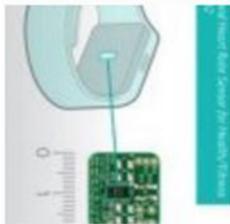
Press fingers over radial artery first lightly, increasing pressure gradually to moderate force, then lastly to deep.

The solution will be to build Bracelets equipped with electronic sensors, which generate information for graphic application and numerical indicators of Diagnosis of Chinese Constitutional Medicine. The principle of INNOVATION is to generate a REAL TIME diagram, showing the measurements obtained from the Bracelets with electronic sensors. The diagnosis should consider Body Temperature, Oximetry, Frequency, Rhythm, Amplitude, Width and Hardness according to the Chinese Pulse of the Five Elements, through a SAP Cloud Platform IOT application.

HEALTH MONITORING IN SAP IOT CLOUD PLATFORM

SAP LEONARDO IOT FOR THE INTELLIGENT ENTERPRISE

Diagnosis



SAP
Connected Goods



Rua dos Ottoni 77/302
Santa Efigenia - Belo Horizonte - Brasil



User nº: **BR 55 31 9887-9999**

BC-2017-06-25.123456789

Temperature: **37 °C**

Heart Rate: **64 Hz**

Oximetry: **90%**

Emergency Phone: 55 31 1234-5678 call **Lucy Souza**

Contact paulo@Hotmail.com

Notify

Temperature Abnormal 39°C	Jun 22/ 10 : 35
Heart Rate High 140 Bps	Mai 23/ 09 : 25
Oximetry Abnormal 80 %	Mai 23/ 09 : 25
Temperature High 40 ° C	Mai 23/ 09 : 25

Rhythm



Amplitude



Width



Hardness



Chinese Pulsology

