

DAEYOMEDI

DAEYOMEDI CO., LTD.

DAEYOMEDI Co., Ltd. is a company developing professional medical device and we are concentrating our efforts to diagnosis cardiac health and oriental medicine pulse diagnosis by using 3-dimensional blood pulse measuring and analysis technology.

Vision of DAEYOMEDI Co., Ltd. is Worldwide leader of medical service company with respect to human life through technology and confidence.

3D-MAC

3-D Blood Pressure Pulse Analyzer

DMP-3000

3-D Blood Pressure Pulse Analyzer

DMP-1000+

3-D Blood Pressure Pulse Analyzer



Specification	
Product name	DMP-Life
Medical Class	Class II-a
MDD classification	Pulse waveform analyzer
Power	AC110~220V
Range of Pressure	0~400g.f
Range of beat	40~200bpm
Accuracy of beat	5%
Accuracy of pressure	5%
Communication	USB to PC
Principle of measurement	Tonometry
Size(mm)	420 X 250 X100
Weight	4Kg



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DMP-LIFE

Tonometry Hemodynamic Monitoring System



DAEYOMEDI
www.daeyomedi.com



DMP-Life is

Swiss made accurate robotic cuff system

- Precision mini robot module can take your pulse more stably

Very Efficient Monitoring system

- DAEYOMEDI's patented technology make you more quick, more easy and more clear.
- DMP-Life will save your money, time and human resource. You need just 1 system for CVD screening.

DMP-Life for

Hemodynamic Monitoring & Screening

- DMP-Life can measure not only blood pressure but also vessel's condition, systemic circulation resistance and pulse condition.
- You can use results from DMP-Life to diagnosis patient's general health state

Health Promotion Center

- For maintaining health state every normal healthy person need to care there cardiovascular condition
- Sports Center, Spa and Healing center also can use DMP-Life
- Health promotion center can use results from DMP-Life to predict CVD risk rate index(in case of use of Framingham score) or make regimen

DMP-Life has 4 function in 1 system

Pulse Diagnosis

STRENGTH

Powerful : Increase of pulse pressure or increase of stroke volume or Inflammation. Increase of Heart load

Powerless : Decrease of pulse pressure or decrease of stroke volume. Lowering of heart pumping function

DEPTH

Shallow : Fever or inflammation Acute course

Deep : Sleepless or chronic disease. Lowering of recoverative powers

HEART RATE

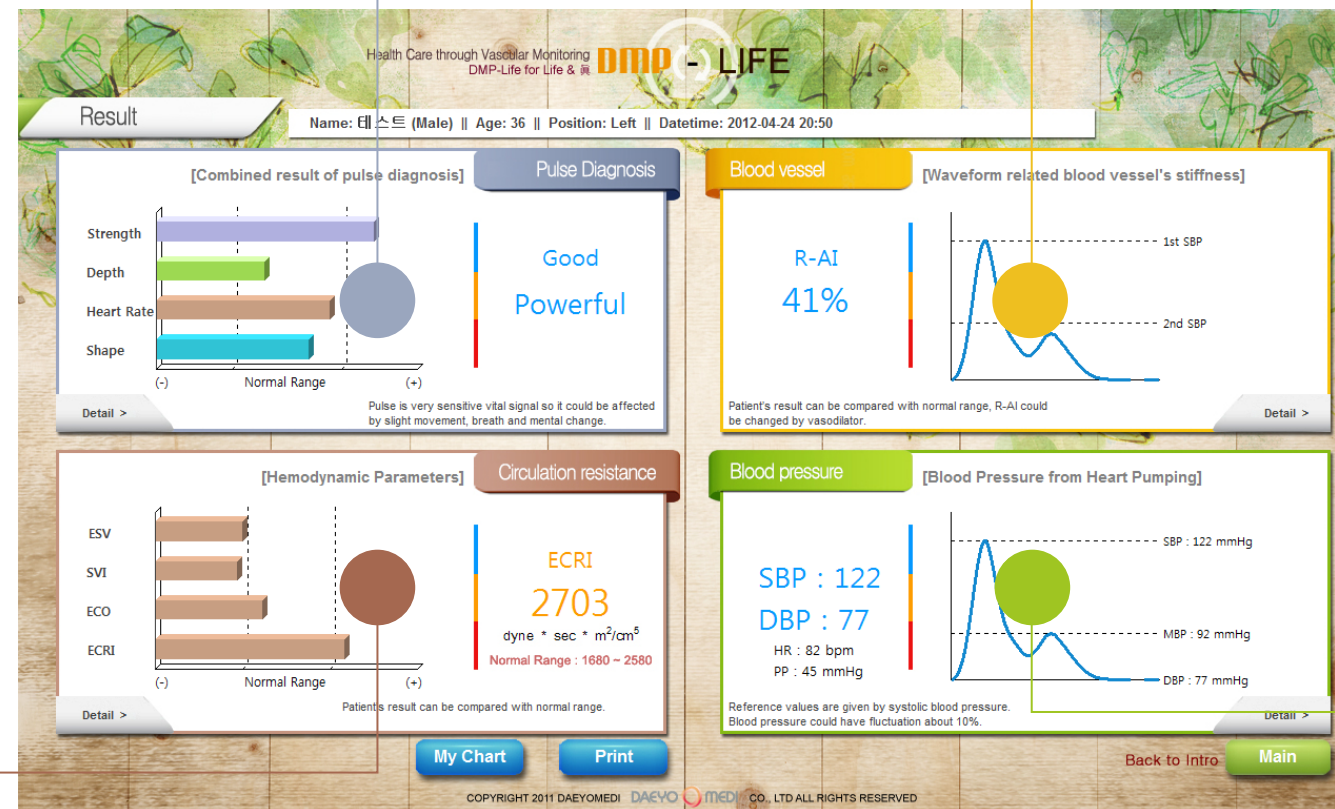
Fast : Inflammation, fever or pyrexia. Increase of heart work

Slow : Fatigue, Cold symptom, aging or heart disease

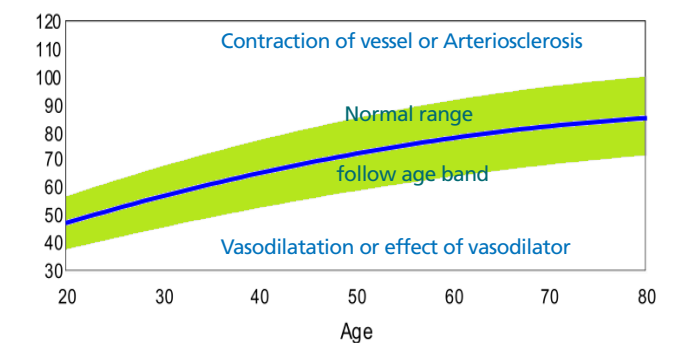
SHAPE

Slippery : Increase of stroke volume or blood plasma

Choppy : Anemia, Decrease of blood plasma and pulse pressure



Blood vessel



Ref. Journal of Korean Medicine 2009

- If blood vessel loses elasticity reflected wave returns quickly and wave peak is more higher
- Stress and mental or social pressure, sleepless, smoking and aging can be a main cause of vessel stiffness.

ECRI

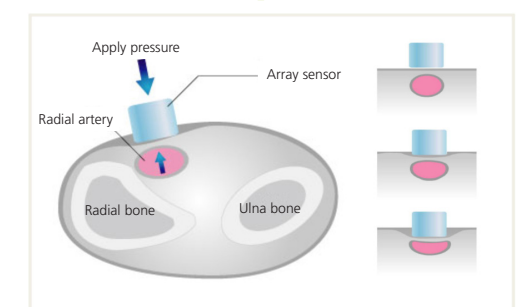
Estimated Circulation Resistance from Flow/Pressure

Item	Meaning	Normal Range
ESV	Estimated Stroke Volume	60~100 ml/beat
SVI	Stroke Volume Index	33~47ml/beat/m ²
ECO	Estimated Cardio Output	4~8 L/min
ECRI	ECR Index	1,600~2,560 dyne*sec*m ² cm ⁵

- Function of the circulation is transport blood to deliver oxygen, nutrients and chemicals to the cells of the body to ensure their survival and proper function and to remove the cellular wastes
- Resistance is inversely proportional to radius, resistance is also affected by the viscosity of the blood flowing

- DMP-Life realizes tonometry blood pressure technology(most precision method to measure blood pressure) by using array pressure sensor and precision robot system

Blood pressure



[Tonometry method to measure Blood Pressure]