

ID : F255982

Age : 82

Disease:

Doctor :

Name:

Height: 144 cm

Weight : . g

Category:

Sex : Female

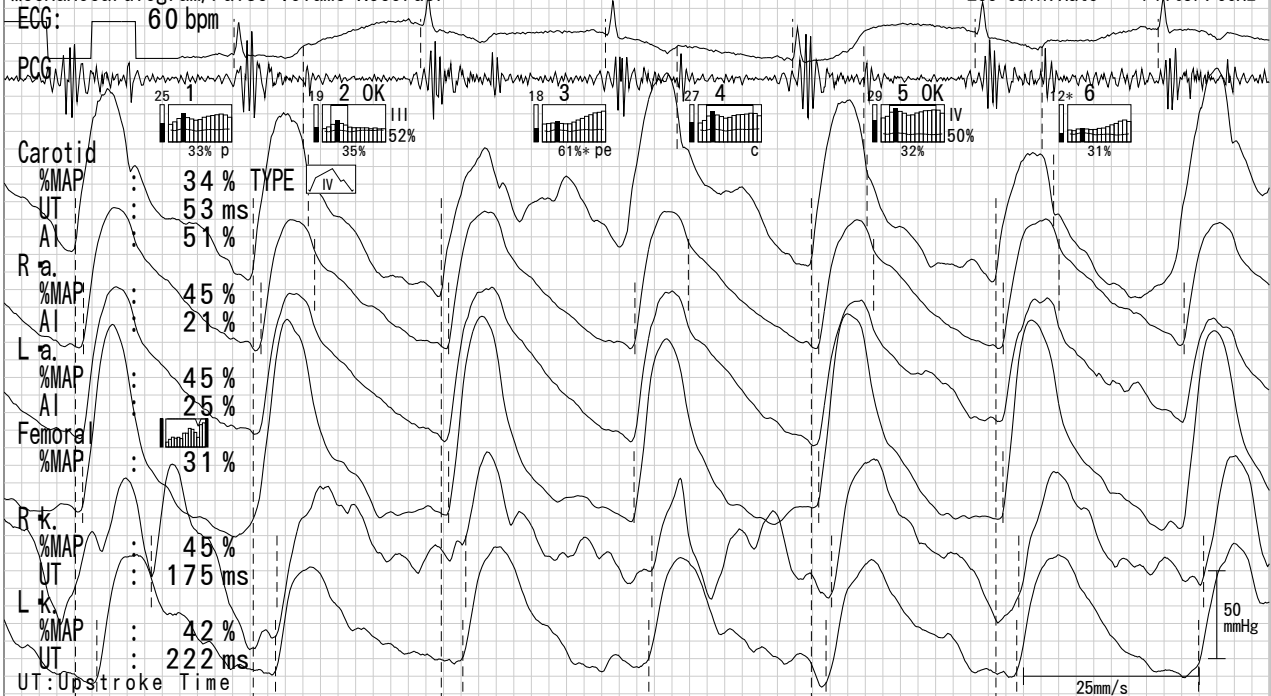
Waist : . cm

Technician: 304

BMI :

Room temp. ( )

## Mechanocardiogram/Pulse Volume Recorder



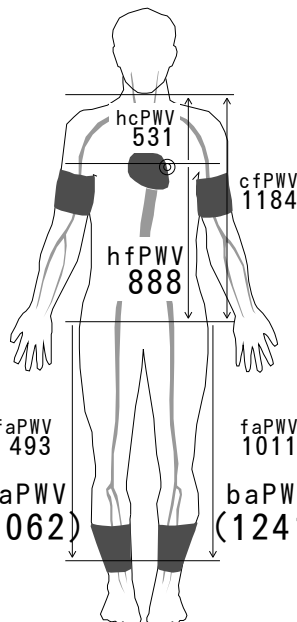
## Measurement

(1st Measured Data)

R a.  
SYS 140  
MAP 98  
DIA 67  
PP 73

R k.  
SYS 125  
MAP 79  
DIA 40  
PP 85

ABI 0.89  
baPWV (1062)



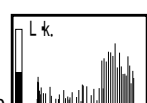
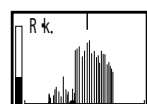
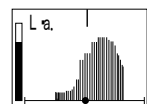
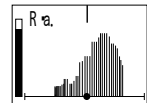
L a.  
SYS 138  
MAP 95  
DIA 60  
PP 78

L k.  
SYS 106  
MAP 53  
DIA 37  
PP 69

ABI 0.76  
baPWV (1241)

Carotid-Femoral(Lcf) 48.0  
Heart rotid 16.1  
Heart echial(B) 29.5  
Heart kile(A) 129.4  
Brachial kile(A) 99.9

BP:mmHg PWV:cm/s



## Observations (based on TASCII)

[Upper extremity]

[Right foot]

Arterial stenosis is suspected.  
ABI is below 0.9. %MAP is over 45%

[Left foot]

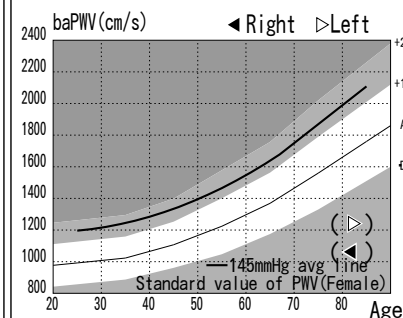
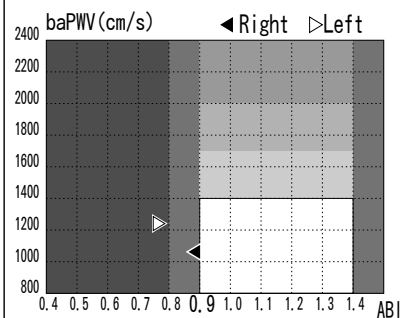
Arterial stenosis is suspected.  
ABI is below 0.8. UT is over 180.

[Comment]

More detailed examination by other means  
may be necessary.

## Comments/Revising point for measurement

UT There are differences between left and right. Take measurement again for confirmation. weak pulse, calcification, abnormal waveform. In case of some case cannot take the measurement accurately. In case of the stenosis in aorta or artery of lower extremity, baPWV may be lower than the actual value. Wrap the ankle cuff again if it is loose.



## Simple evaluation of Heart function

(Carotid)

PEP: (msec)

85

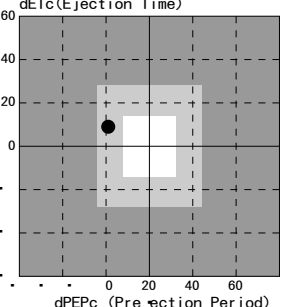
ET, Etc: (msec)

315

299

ET/PEP: (msec)

3.71



# How is your artery?

Let's check your arteriosclerosis level from vascular "stiffness" and "occlusion".

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Disease:

BMI :

Weight: kg

Waist: cm ( )

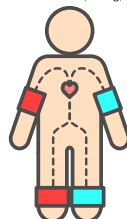
**R-Bra.**  
140/ 67  
(Pre.Value: )

**Blood Pressure**  
(mmHg)

**L-Bra.**  
138/ 60  
(Pre.Value: )

HR: 60 bpm  
(Pre.Value: bpm)

**R-Ankle**  
125/ 40  
(Pre.Value: )



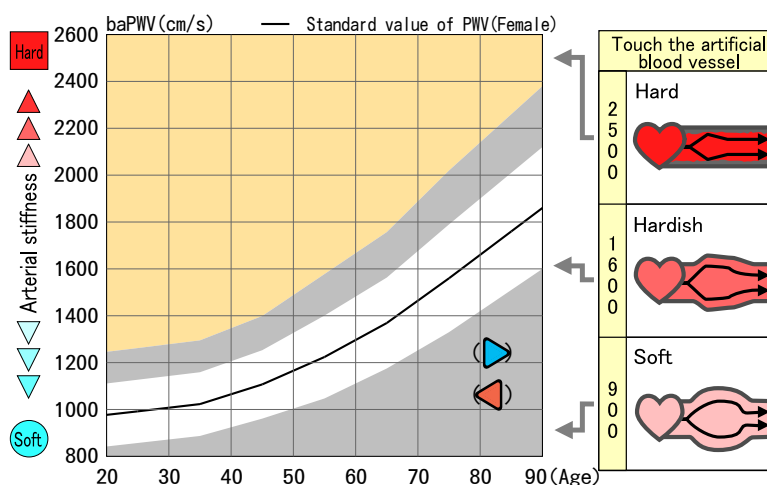
**L-Ankle**  
106/ 37  
(Pre.Value: )

## How is your arterial stiffness (baPWV) ?

**R: 1062 L: 1241**  
(Pre.Value R: L: )

Vascular stiffness cannot be evaluated as the vascular occlusion is suspected.

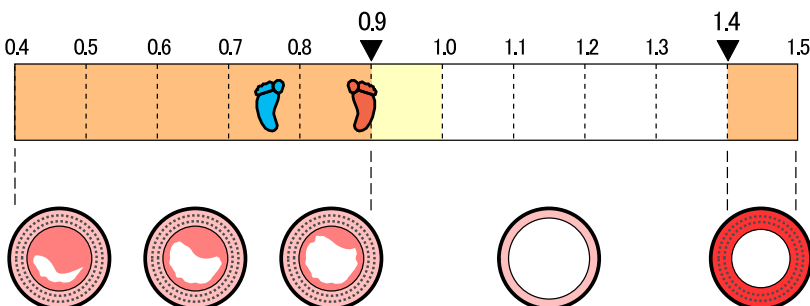
\* baPWV mainly measures the large arterial stiffness and it does not indicate the cerebrovascular or cardiovascular stiffness.



## How is your arterial occlusion (ABI) ?

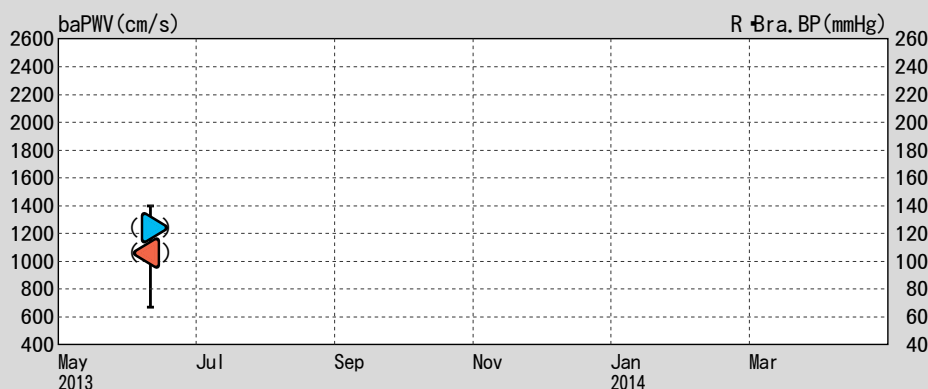
**R-Leg: 0.89 L-Leg: 0.76**  
(Pre.Value R-Leg: L-Leg: )

Vascular occlusion is suspected. The cholesterol may adhere on the vascular wall and it may disturb the blood flow.



\* ABI is the index to indicate vessel occlusion in the lower body mainly. The picture is just an image and it does not indicate the actual condition.

## Progress of arteriosclerosis and its target value



Check up for arteriosclerosis periodically.

Next check-up date

Room temp. ( )