

## MCG Analysis Report

Test Date : 2016/7/28

\_\_\_\_\_

Doctor : \_\_\_\_\_

Name : test test

ID : 1234567

Age : 85

MCG score indicates the risk of heart disease calculated by analyzing ECG data. The data is analyzed by original algorithm and matched with the clinical data base of more than 40,000 people.  
 By analyzing the small difference caused by the electrical activity of heart muscle in frequency level, the myocardial abnormalities such as ischemia or arteriosclerosis can be analyzed in earlier stage.  
 By knowing the risk at early stage, the improvement of the lifestyle based on the risk is important to prevent the future angina and myocardial infarct.

### MCG Severity Level ( A to D: 4 level )

C

[

Ave. Score **4.8**

]

Max. Score **6.0**

[

Min. Score **3.0**

]

#### <The result of the Severity Level >

Total Level	Score	Severity level by the MCG score	Next MCG test
[ ] A	0 ≤ Average Score < 2	<p><b><u>Your MCG score is within normal</u></b></p> <p>Please watch your MCG score regularly and continue to keep an eye on your early detection and prevention.</p>	Recommend next MCG within 1 year
[ ] B	2 ≤ Average score < 4	<p><b><u>Your MCG score shows moderate abnormalities</u></b></p> <p>In order to prevent the coronary arteriosclerosis, please take effort to improve your appropriate exercise and diet habit under the instruction of the doctors.                      Please watch your MCG score regularly and continue to keep an eye on your early detection and prevention.                      If there is symptom or abnormality in other tests, it is recommended to have diagnosis of cardiovascular specialist.</p>	Recommend next MCG within 6 months
[X] C	4 ≤ Average score < 8	<p><b><u>Your MCG score shows abnormalities</u></b></p> <p>In order to prevent the coronary arteriosclerosis, please take effort to improve your appropriate exercise and diet habit under the instruction of the doctors.                      Please watch your MCG score regularly and continue to keep an eye on your early detection and prevention.                      If there is symptom such as heart pain, or abnormality in other test such as other cardiac tests and blood tests, it is recommended to have diagnosis of cardiovascular specialist.</p>	Recommend next MCG within 6 months
[ ] D	8 ≤ Average score	<p><b><u>Your MCG score shows severe abnormalities</u></b></p> <p>MCG score shows the possibility of ischemia heart disease or other heart disease. It is recommended to have diagnosis of cardiovascular specialist regardless of symptom or other abnormality of other tests.</p>	Recommend next MCG within 3 months

\*Please regard as 'B' when the average score is A but there are 6 and more marks are checked on 2nd and 3rd suggestions or at least there is 4 and over individual MCG score is included in the session.

## <Suggestions>

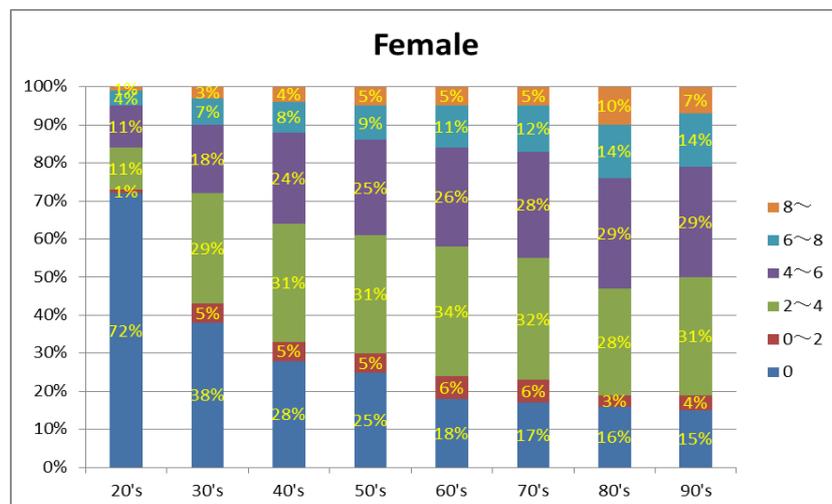
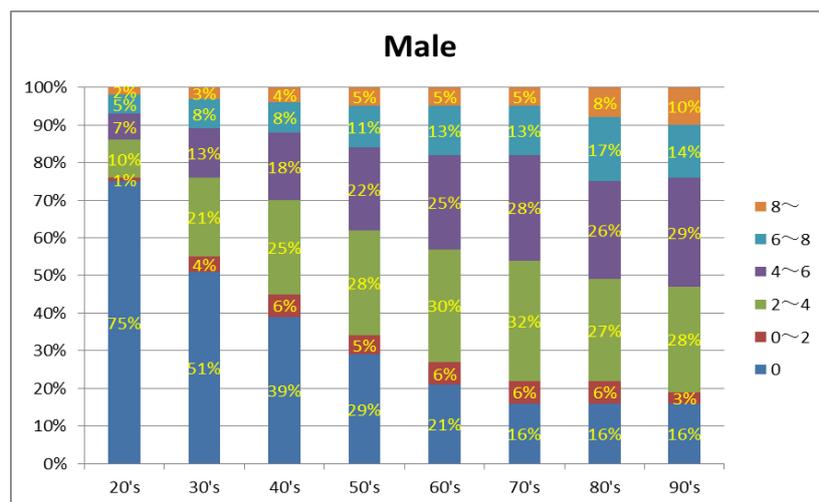
( Number of checks 9 )

2nd	3rd
<input type="checkbox"/> Cardiomyopathy	<input checked="" type="checkbox"/> Myocardial Remodeling
<input type="checkbox"/> Potential Fibrillation	<input checked="" type="checkbox"/> Decreased myocardial compliance
<input checked="" type="checkbox"/> Atrial Fibrillation	<input type="checkbox"/> Increased myocardial compliance
<input type="checkbox"/> Ventricular Fibrillation	<input checked="" type="checkbox"/> Decreased ejection fraction
<input type="checkbox"/> Atrial-Ventricular Fibrillation	<input type="checkbox"/> Bradycardia
<input checked="" type="checkbox"/> Incipient Arrhythmia	<input type="checkbox"/> Tachycardia
<input type="checkbox"/> Ventricular arrhythmia	<input type="checkbox"/> Acute Power Failure
<input checked="" type="checkbox"/> Myocardial Damage	<input checked="" type="checkbox"/> Global asynchrony (II < V5)
<input type="checkbox"/> Myocarditis	<input type="checkbox"/> Global asynchrony (V5 < II)
<input checked="" type="checkbox"/> Pulmonary Heart Disease	<input type="checkbox"/> Localized Asynchrony
<input checked="" type="checkbox"/> Rheumatic Heart Disease	<input type="checkbox"/> Local asynchrony (II < V5)
<input type="checkbox"/> Congenital Heart Disease	<input type="checkbox"/> Local asynchrony (V5 < II)
<input type="checkbox"/> Ventricular Hypertrophy	

\*Please make a check mark when the mark is checked in the majority of the tests in session.

## <Distribution of the MCG score by age grade>

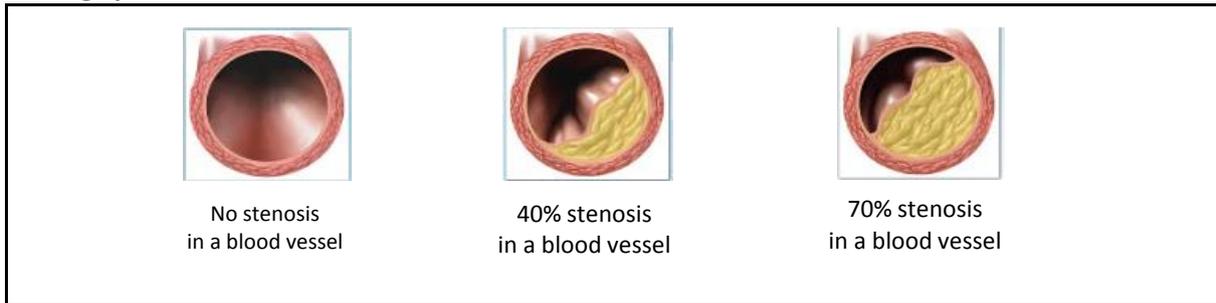
The distribution of the MCG score result by age is as follows.



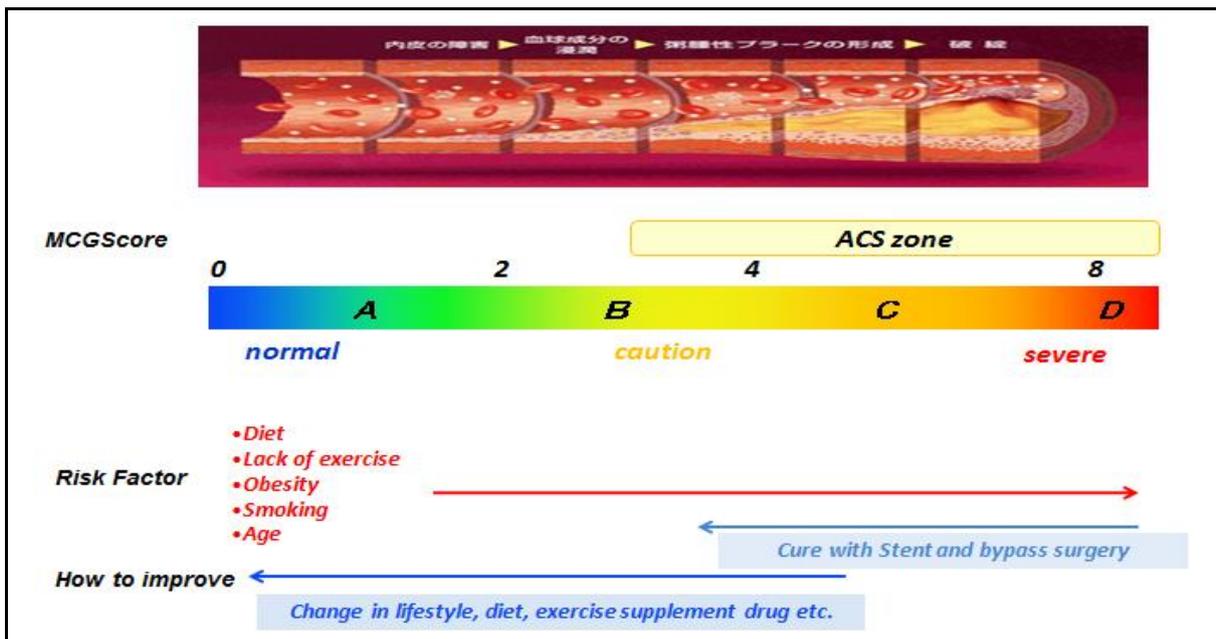
(©Premier Heart: Global distribution data: 2011)

## About stenosis for the cause of angina and myocardial infarct

### Image picture of the stenosis



### Image picture of increase of arterial sclerosis



### No1 cause of death in the world

Every year many people died by heart disease and many of them are by ischemia heart disease such as angina and myocardial infarct. It is reported that this disease is mainly caused by the stenosis by arterial sclerosis in the blood vessel of the heart and it blocks to supply enough blood to the heart.

The most terrible thing is that there are many cases where this disease sometimes progress without symptom and one day suddenly make heart attack to death.

Not to be late, the early prevention is important

This disease is told there is possibility to be improved by changing daily lifestyle in early stage.

- Improvement of daily diet (vegetable and fish )
- Daily exercise

\*For sever disease, the detailed test, diagnosis and treatment by the cardiovascular specialist is needed.

Continue to watch your condition by regular test