

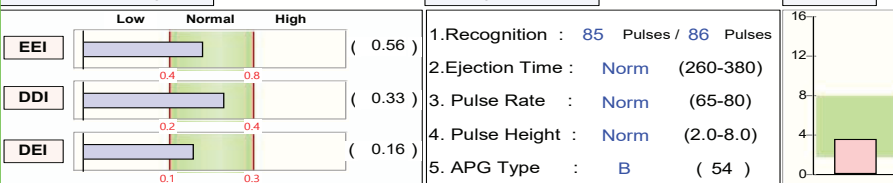
## PTG Analysis Report

| Patient Information |       |       |            | Diagnosis |  |
|---------------------|-------|-------|------------|-----------|--|
| Chart No.           |       |       |            | COMMENT   |  |
| Name                | GUEST |       |            |           |  |
| Gender              |       | Age   |            |           |  |
| Birthday            | ---   | Visit | 2016-06-21 |           |  |

### Analysis Data

| PTG Analysis |      |      |      | APG Analysis |     |       |       |
|--------------|------|------|------|--------------|-----|-------|-------|
| HR           | 72   | DE I | 0.16 | a - b        | 90  | b / a | -0.55 |
| E I          | 1.02 | ETc  | 355  | a - c        | 185 | c / a | -0.29 |
| D I          | 0.67 | PH   | 3.59 | a - d        | 205 | d / a | 0.26  |
| EE I         | 0.56 |      |      | a - e        | 315 | e / a | 0.22  |
| DDI          | 0.33 |      |      |              |     | AI    | -0.22 |

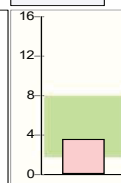
### Circulation Analysis



### Analysis Result

|                    |      |           |    |        |
|--------------------|------|-----------|----|--------|
| 1. Recognition :   | 85   | Pulses /  | 86 | Pulses |
| 2. Ejection Time : | Norm | (260-380) |    |        |
| 3. Pulse Rate :    | Norm | (65-80)   |    |        |
| 4. Pulse Height :  | Norm | (2.0-8.0) |    |        |
| 5. APG Type :      | B    | ( 54 )    |    |        |

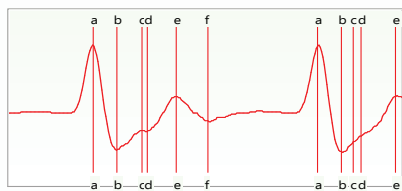
*PH*



## PTG



**APG**



\*The Digital Pulse Analyzer is an information tool only. Final medical diagnosis is the sole responsibility of a licensed health care practitioner.

### Circulation Analysis:

Shows the degree of plaque build-up in the arteries.

EEI = Large Arteries

DDI = Small Arteries

DEI = Capillaries

## Analysis Result:

1) Pulse Recognition: shows the strength of the Heart Valve, similar to ejection fraction in an echocardiogram. Degree of accuracy of waveform recognition.

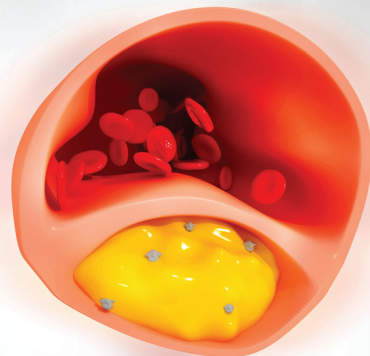








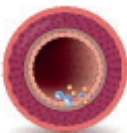
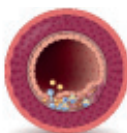

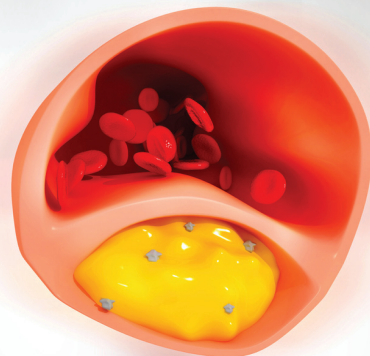
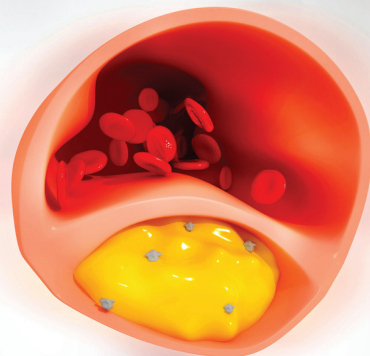

2) Ejection Time: shows the strength of the Heart Valve, measures the time from aortic valve opening to aortic valve closing. Normal range = 260–380ms

3) Pulse Rate: number of beats per minute. Children 10+ and adults 60–90bpm. Well conditioned athletes 40–60bpm.

4) Pulse Height: similar to pulse amplitude or stroke volume. Shows hydration levels in the blood.

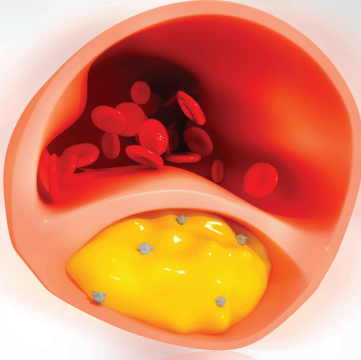






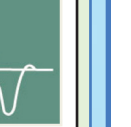
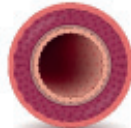


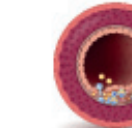
Normal range 2.0–8.0.

5) Arteries. Measured from the elasticity of the Aorta. See Grid Below.

| 5. APG Type   |           | B  | A = 20  | B = 30  | C = 40  | D = 50  | E= 60   | F = 70  | G = 80  |  |
|---|-----------|----|---|---|---|---|---|---|---|--|
| Aging Grade =   |           | 30 | 20  | 30  | 40  | 50  | 60  | 70  | 0   |  |
| Number in Parenthesis to right of APG Type is   |           | 54 | (1–14)  | (15–28)   | (29–42)   | (43–57)   | (58–71)   | (72–85)   | (86–99)   |  |
|   | +/- Years | 1  | -5  | -3  | -1  | 0   | 1   | 3   | 5   |  |
| 5a. Biological Age  |           | 31 | 1st Level   | 2nd Level   | 3rd Level   | 4th Level   | 5th Level   | 6th Level   | 7th Level   |  |
|                             |           |    |  |  |    |   |  |  |  |  |
|   |           |    | NORMAL  |   | MILD  |   | MODERATE  |   | SEVERE  |  |
|   |           |    |  |  |  |  |   |   |   |  |
|   |           |    |   |   |   |   |   |   |   |  |
|   |           |    |   |   |   |   |   |   |   |  |
| <div>Aging Process </div> |           |    |   |   |   |   |   |   |   |  |



**5) APG Type:** Biological Age of the Arteries. Measured from the elasticity of the Aorta.

| 5. APG Type   |           | B  | A = 20  | B = 30  | C = 40  | D = 50   | E = 60  | F = 70  | G = 80  |  |
|---|-----------|----|---|---|---|--|---|---|---|--|
| Aging Grade =   |           | 30 | 20  | 30  | 40  | 50   | 60  | 70  | 0   |  |
| Number in Parenthesis to right of APG Type is                                     |           | 58 | (1–14)  | (15–28)   | (29–42)   | (43–57)  | (58–71)   | (72–85)   | (86–99)   |  |
|   | +/- Years | 1  | -5  | -3  | -1  | 0  | 1   | 3   | 5   |  |
| 5a. Biological Age  |           | 31 | 1st Level   | 2nd Level   | 3rd Level   | 4th Level  | 5th Level   | 6th Level   | 7th Level   |  |
|  |           |    |  |  |  |  |  |  |  |  |
|   |           |    | NORMAL  |   | MILD  |  | MODERATE  |   | SEVERE  |  |
|   |           |    |  |   |  |  |    |   |   |  |
|   |           |    |   |   |   |  |   |   |   |  |
|   |           |    | Aging Process —————→  |   |   |  |   |   |   |  |

## Medical Necessity for Upper Level Testing

### Abnormal APG Type: C, D, E, F, G

PHARMACOGENETIC LAB/ WELLNESS LABS/ TOXICOLOGY

I25.110 Coronary Atherosclerosis of Unspecified Type of Vessel Native or Graft

I24.8/I25.9 Other forms of ischemic heart disease

CAROTID ULTRASOUND

I25.10 Coronary Atherosclerosis

ARTERIAL DOPPLER

I70.0 Atherosclerosis

I70.219 Atherosclerosis of the extremities

RESTING ECHOCARDIOGRAM

I25.10 Coronary Atherosclerosis

I51.9 Heart Disease Unspecified

### Abnormal Pulse Rate Above 100 or Below 60

PHARMACOGENETIC LAB/ WELLNESS LABS/ TOXICOLOGY

I14.91/ I48.91 Atrial Fibrillation

R00.2 Palpitations

RESTING ECHOCARDIOGRAM

R00.2 Palpitations

R94.31 Abnormal EKG