

CARDIO-DIAGNOSTICS SCREEN

Standard Explanatory Form

Patient Name: Trivedi Mahendra K

Date: 7th October, 2004

Parameter	Result	Normal Range	Fit Athlete	Poor Result
1. Pulse Rate	91 b/min	56 – 72	< 56	> 80
2. Blood Pressure (Radial)	134/92 mmHg	< 135/85		> 135/85
3. Ejection Duration	37 %	30 – 40%	< 30%	> 40%
4. Buckberg	137 %	130 – 200%	> 200%	< 130%
5. Augmentation	0 mmHg	< 10	< 5	> 10
6. Aortic Reflection	157 ms	140 - 150	> 150	< 140

- It is important these results are interpreted in combination with clinical history, risk factor profile, age, weight and level of physical activity.
- Ejection Duration & Buckberg are indicators of cardiac performance and efficiency of coronary blood flow.
- Augmentation and Aortic Reflection are indicators of peripheral and central arterial stiffness (one of the earliest parameters of atherosclerosis)

These results are very unusual. The Augmentation and Aortic reflection show the amount of stiffness seen in a person 20-25 years younger.



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SphygmoCor® Evaluation Report



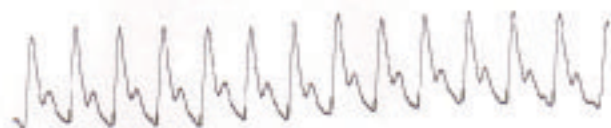
PATIENT DATA

Patient Name **Trivedi, Mahendra K**
 Patient ID
 Patient Code
 Age, Sex **41 (20 Feb 1963), MALE**

Address :

STUDY DATA

07 Oct 2004, 8:23:49 PM Operator ID:
 Medication:
 Notes:



Captured Data Quality Control



Pulse Height **126**
 Pulse Height Variation **3%**
 Diastolic Variation **3%**
 Pulse Length Variation **2%**
 dP/dt Max **600**

Quality Index

97

Sp **134** Sp **118**

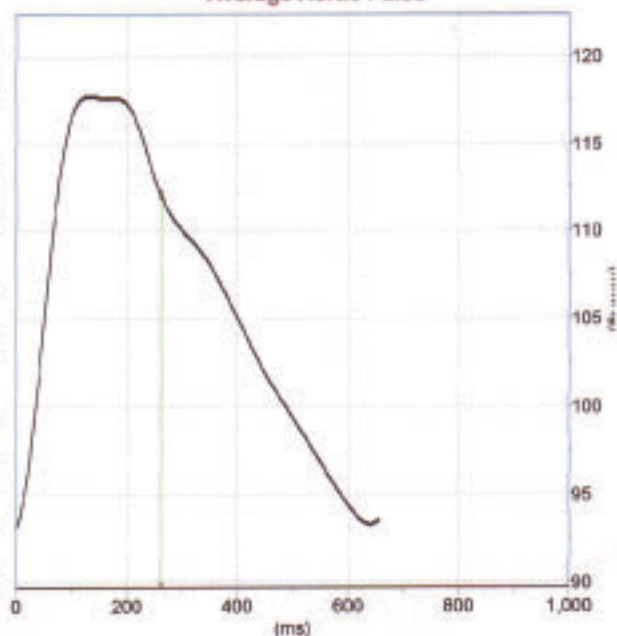
Dp **92** Dp **93**

PP **42** PP **25**

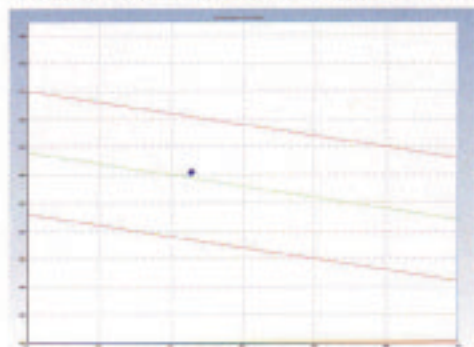
MP **106** MP **106**

HR **91** AP **0**

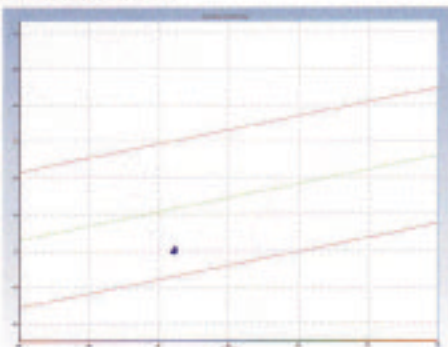
Average Aortic Pulse



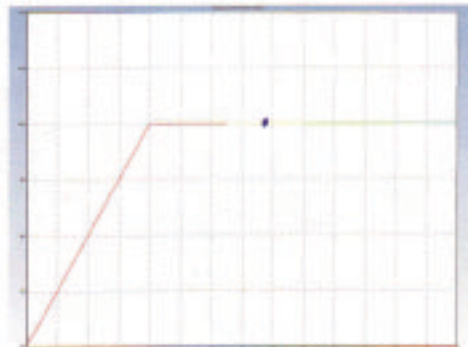
CENTRAL HAEMODYNAMIC PARAMETERS



Ejection Duration (ED)
262 ms, 40%



Augmentation Index
0%



Buckberg SEVR
137% (3675/2680)

SphygmoCor® Evaluation Report



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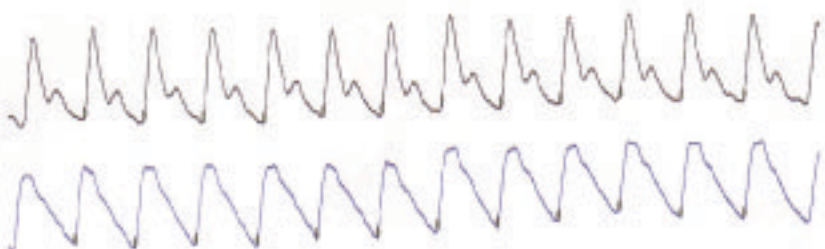
Address :

STUDY DATA

07 Oct 2004, 8:23:49 PM Operator ID:

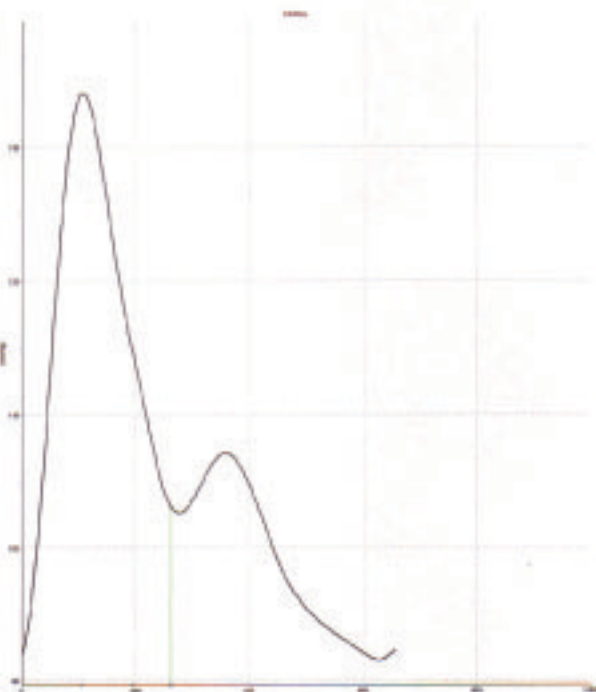
Medication:

Notes:



QUALITY CONTROL

Pulse Height	126
Pulse Height Variation	3%
Diastolic Variation	3%
Pulse Length Variation	2%
dP/dt Max	600

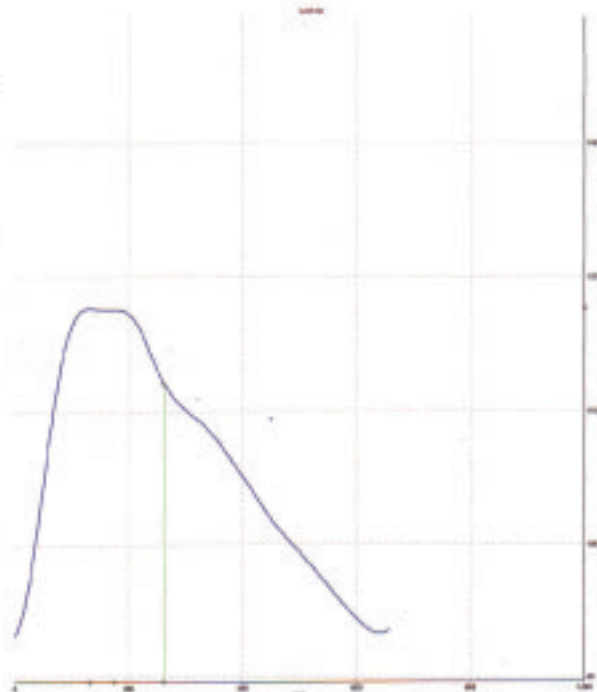


Sp	Sp
134	118

Dp	Dp
92	93

PP	PP
42	25

MP	MP
106	106



Aortic A1x (AG/PP) @HR75 8%

CENTRAL HAEMODYNAMIC PARAMETERS

Heart Rate, Period	91 bpm, 656 ms	P1 Height(P1 - Dp)	25 mmHg
Ejection Duration (ED)	262 ms, 40%	Augmentation (AG)	0 mmHg
Aortic T1, T2, Tr	131, 174, 157 ms	Aug. Index (AG/PP, P2/P1)	0%, 100%

Buckberg SEVR (Ad/As)	137% (3675/2680)
MP, (Systole, Diastole)	112, 102 mmHg
End Systolic Pressure	112 mmHg