

Vascular Lab in a Small White Box

Non-Invasive, Fast, Easy, and Inexpensive

CARDIOVISION®

♥ Arterial Stiffness Index (ASI) Software Version 2.05

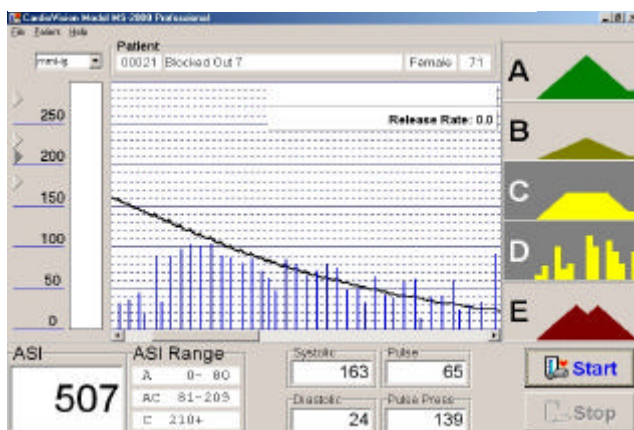
- The CardioVision MS-2000 Autovalve produces a brachial artery Arterial Stiffness Index (ASI) which correlates with the stiffness of the other arteries
- ASI strongly correlates with Carotid-femoral pulse wave velocity (PWV) which is considered to be one of the predictors of cardiovascular disease *
- Accurate oscillometric blood pressure, pulse pressure, arrhythmias, and missed heartbeats are measured
- A patient friendly Framingham Score Sheet is produced when lipid results are available

♥ Ankle Brachial Index (ABI) Software Version 3.0

- An oscillometric Ankle Brachial Index (ABI) which correlates well with doppler ultrasound is easily performed with specially designed ankle cuffs

* Masaharu Kaibe, Mitsuru Ohishi, Norio Komai, Norihisa Ito, Tomohiro Katsuya, Hiromi Rakugi and Toshio Ogihara, **Arterial stiffness index: A new evaluation for arterial stiffness in elderly patients with essential hypertension**, The Department of Geriatric Medicine, Osaka University Medical School, Osaka, Japan, Geriatrics and Gerontology International 2002; 2: 199-205

Pattern CD Indicates Arterial Stiffness and Arrhythmia



Authorized CardioVision Dealer

IMDP

1421 E. Sunset Road Suite 20 Las Vegas, NV 89119
Tel: 702-450-0425 Fax: 702-450-0424 Web: www.imdp.com

A CardioVision ABI and Framingham Risk Printout

CardioVision MS-2000 Ankle Brachial Index (ABI)

Patient : 00010
Name : Akemi Rice
Sex : Female
Age : 42

Right Arm Systolic Pressure	126 mmHg	Left Arm Systolic Pressure	130 mmHg
Right Ankle Systolic Pressure	133 mmHg (CV)	Left Ankle Systolic Pressure	133 mmHg (CV)

Used in ABI calculation

Right ABI **1.02** Left ABI **1.02**

Blood Pressure & Arterial Stiffness Index(ASI) Strong Evidence (2028 - 2002/02/19 10:20)
Systolic 120mmHg Diastolic 75mmHg Pulse Pressure 45mmHg Pulse 96
ASI 24
Pulse Pressure >=60 (Increased Risk) Internal Medicine News 2000:33:1-2
ASI <80 Low Risk, 81-209 Moderate Risk, >210 High Risk

LAB TESTS
Cholesterol 172 mg/dL HDL-C 38 mg/dL Triglycerides 192 mg/dL Glucose 207 mg/dL HbA1c % 4%
Fasting
Creatinine 96 mg/dL

ASI Range	Interpretation
A 0 - 80	Low Risk
AC 81 - 209	Moderate Risk
C >210	High Risk

MDP, Inc.
1421 E. Sunset Road, Suite 20
Las Vegas, Nevada 89119
702-450-0425
www.lmdp.com

Age (years)	Component	CV Risk
45	10% CVD	10%
50	15% CVD	15%
55	20% CVD	20%
60	25% CVD	25%
65	30% CVD	30%
70	35% CVD	35%
75	40% CVD	40%
80	45% CVD	45%
85	50% CVD	50%
90	55% CVD	55%
95	60% CVD	60%
100	65% CVD	65%

Name : Akemi Rice
Sex : Female
Age : 42
Date : 2002/08/28 15:37

CardioVision MS-2000 Framingham Risk Analysis

PERCENTAGE OF A CORONARY HEART EVENT IN THE NEXT 10 YEARS
Framingham Risk **4%**

LIPID PROFILE AND OTHER TESTS

Cholesterol	LDL-Cholesterol	HDL-Cholesterol	Triglycerides	Glucose	HbA1c	A1C
172 mg/dL	96 mg/dL	38 mg/dL	192 mg/dL	207 mg/dL	%	4%

BLOOD PRESSURE Strong Evidence (2028 - 2002/02/19 10:20)
Systolic: 120 mmHg Diastolic: 75 mmHg Mean: 95 mmHg
Pulse Pressure: 45 mmHg (>60=Increased Risk) Internal Medicine News 2000:33:1-2
ARTERIAL STIFFNESS INDEX (ASI) **24**
ASI: 24 (<80 Low Risk, 81-209 Moderate Risk, >210 High Risk)

Framingham Heart Study 10-YEAR CARDIOVASCULAR RISK FOR MEN(M) AND WOMEN(F)

AGE	M	F	T-CHOL	M	F	BP	M	F	SMOKER	M	F
30-34	0	0	<160	0	0	<120/80	0	0	NO	0	0
35-39	0	0	160-199	0	0	120-139/80-89	0	0	YES	2	2
40-44	1	0	200-239	1	1	130-139/90-99	1	0			
45-49	2	3	240-279	2	1	140-159/90-99	2	2			
50-54	3	6	>279	3	3	>159/99	3	3			
55-59	4	7	or								
60-64	5	6	LDL-C:HDL	3	2	HDL-C:HDL	3	5	DIABETES	M	F
65-69	6	6	<160	3	2	<55	2	5	NO	0	0
70-74	7	9	100-129	0	0	35-64	1	2	YES	2	4
			130-159	0	0	45-69	0	1			
			160-199	1	2	65-69	0	0			
			>199	2	2	>69	1	3			

IF T-CHOL, HDL-C:HDL, OR HDL-C:HDL are both listed only LDL-C:HDL, points are added

T-CHOL	HDL-C:HDL	HDL-C:HDL	Points
<2	3	4	0
2	4	5	1
3	5	6	2
4	6	7	3
5	7	8	4
6	8	9	5
7	9	10	6
8	10	11	7
9	11	12	8
10	12	13	9
11	13	14	10
12	14	15	11
13	15	16	12
14	16	17	13
15	17	18	14
16	18	19	15
17	19	20	16
18	20	21	17
19	21	22	18
20	22	23	19
21	23	24	20
22	24	25	21
23	25	26	22
24	26	27	23
25	27	28	24
26	28	29	25
27	29	30	26
28	30	31	27
29	31	32	28
30	32	33	29
31	33	34	30
32	34	35	31
33	35	36	32
34	36	37	33
35	37	38	34
36	38	39	35
37	39	40	36
38	40	41	37
39	41	42	38
40	42	43	39
41	43	44	40
42	44	45	41
43	45	46	42
44	46	47	43
45	47	48	44
46	48	49	45
47	49	50	46
48	50	51	47
49	51	52	48
50	52	53	49
51	53	54	50
52	54	55	51
53	55	56	52
54	56	57	53
55	57	58	54
56	58	59	55
57	59	60	56
58	60	61	57
59	61	62	58
60	62	63	59
61	63	64	60
62	64	65	61
63	65	66	62
64	66	67	63
65	67	68	64
66	68	69	65
67	69	70	66
68	70	71	67
69	71	72	68
70	72	73	69
71	73	74	70
72	74	75	71
73	75	76	72
74	76	77	73
75	77	78	74
76	78	79	75
77	79	80	76
78	80	81	77
79	81	82	78
80	82	83	79
81	83	84	80
82	84	85	81
83	85	86	82
84	86	87	83
85	87	88	84
86	88	89	85
87	89	90	86
88	90	91	87
89	91	92	88
90	92	93	89
91	93	94	90
92	94	95	91
93	95	96	92
94	96	97	93
95	97	98	94
96	98	99	95
97	99	100	96

MDP, Inc.
1421 E. Sunset Road, Suite 20
Las Vegas, Nevada 89119
702-450-0425
www.lmdp.com

Age	Component	CV Risk
45	10% CVD	10%
50	15% CVD	15%
55	20% CVD	20%
60	25% CVD	25%
65	30% CVD	30%
70	35% CVD	35%
75	40% CVD	40%
80	45% CVD	45%
85	50% CVD	50%
90	55% CVD	55%
95	60% CVD	60%
100	65% CVD	65%