

Ankle Brachial Index (ABI) Test for PAD

Fast, Easy, and Automatic - From

CARDIOVISION®

- ♥ The CardioVision Model MS-2000 AutoValve is now available with new software and specially designed ankle cuffs providing an automatic, oscillometric measurement, non-invasively, of the Ankle Brachial Index (ABI)
- ♥ Peripheral Artery Disease (PAD) is a condition in which the arteries become narrowed due to the formation of plaque inside the artery walls. More than three-fourths of those with PAD do not have classic symptoms *
- ♥ People with PAD are six times more likely to die within ten years from cardiovascular disease than those who do not have PAD *
- ♥ It is believed that PAD affects between 8 & 12 million people in the U.S. and an equal number in Europe *



*Source - Univ. of Minnesota (<http://www.umn.edu/>) 9/21/2001


Other CardioVision® features include:

- ♥ Connect to any PC, Pentium II, or higher, 64 MB RAM, via an RS-232C serial port
- ♥ BP and an Arterial Stiffness Index (ASI) baseline can be measured and stored
- ♥ An ASI History is created on each patient to allow monitoring over time
- ♥ All results can be printed or faxed, instantly, or at a later date
- ♥ Framingham Risk Analysis Software produces a "Percentage Risk of a Coronary Heart Event in 10 Years" when lipid data is available

An Actual CardioVision ABI Printout

CardioVision_®
MS-2000
Ankle-Brachial Index (ABI)

Patient : 00013
 Name : WILLIAM BARNETT
 Sex : Male
 Age : 80

Right Arm Systolic Pressure <div style="text-align: right; font-size: 1.2em;">152 mmHg</div>		Left Arm Systolic Pressure <div style="text-align: right; font-size: 1.2em;">139 mmHg</div>
Right Ankle Systolic Pressure <div style="text-align: right; font-size: 1.2em;">169 mmHg (CV)</div>		Left Ankle Systolic Pressure <div style="text-align: right; font-size: 1.2em;">167 mmHg (CV)</div>
Right ABI <small>Right Ankle Pressure / Higher Arm Pressure</small> <div style="text-align: right; font-size: 1.5em; color: red;">1.11</div>		Left ABI <small>Left Ankle Pressure / Higher Arm Pressure</small> <div style="text-align: right; font-size: 1.5em; color: red;">1.10</div>

Blood Pressure & Arterial Stiffness Index(ASI) Sitting (0001 - 2002/02/05 09:56)

Systolic	Diastolic	Pulse Pressure	Pulse	ASI
141 mmHg	61 mmHg	80 mmHg	48	10

Pulse Pressure: (>=60 Increased Risk) Internal Medicine News 2000:33:1-2
 ASI: (<70 Low Risk, 71-179 Moderate Risk, >180 High Risk)

Framingham Risk	Cholesterol	LDL-Cholesterol	HDL-Cholesterol	Risk
	mg/dL	mg/dL	mg/dL	mg/dL

ASI	Ankle-Brachial Index Interpretation
A	0 - 80
AC	81 - 209
C	210+

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

Preparation for the test (pt)			
Age	Weight	Systolic BP	Diastolic BP
(years)	(kg)	(mmHg)	(mmHg)
24-34	70	110	70
35-44	75	115	75
45-54	80	120	80
55-64	85	125	85
65-74	90	130	90
75-84	95	135	95
85-94	100	140	100
95-104	105	145	105
105-114	110	150	110
115-124	115	155	115

*For blood pressure (systolic & diastolic) the average of 3 consecutive readings (total duration 100-120 sec) obtained at right, non-dominant, is obtained.
 *Risk estimates were derived from the experience of the Framingham Heart Study, a population-based study conducted in Massachusetts, USA.



**CardioVision MS-2000 AutoValve with
New Cuffs and Notebook PC**

**New ABI Ankle Cuff - Adjustable
Taper to fit Most Adult Ankles**

