

# 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


**Authorized CardioVision® Dealer**

IMDP  
1421 E. Sunset Road, Suite #20  
Las Vegas, NV 89119 USA  
Phone 702-450-0425 Fax 702-450-0424 Web [www.imdp.com](http://www.imdp.com)

## An Actual CardioVision ABI Printout

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

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

Systolic	Diastolic	Pulse Pressure	Pulse	ASI
<b>141</b> mmHg	<b>61</b> mmHg	<b>80</b> mmHg	<b>48</b>	<b>10</b>

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+

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Preparation for the test: age			
Age	Weight	Systolic BP	Diastolic BP
(years)	(kg)	(mmHg)	(mmHg)
20-24	50-60	110-120	70-80
25-29	60-70	110-120	70-80
30-34	70-80	110-120	70-80
35-39	80-90	110-120	70-80
40-44	90-100	110-120	70-80
45-49	100-110	110-120	70-80
50-54	110-120	110-120	70-80
55-59	120-130	110-120	70-80
60-64	130-140	110-120	70-80
65-69	140-150	110-120	70-80
70-74	150-160	110-120	70-80
75-79	160-170	110-120	70-80
80-84	170-180	110-120	70-80
85-89	180-190	110-120	70-80
90-94	190-200	110-120	70-80
95-99	200-210	110-120	70-80
100+	210-220	110-120	70-80



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

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