

# ABI-450CL

## Automated ABI, TBI, & Stress Testing – CPT 93922, 93923, & 93924

### ABI-450CL Highlights

- ✦ **PC-based system**
  - ✦ Easy staff training - simple to learn and use
  - ✦ Point & Click reporting right on the computer
- ✦ **Cuff-Link**
  - ✦ 8MHz Doppler
  - ✦ Automated cuff selector – no moving tubes
  - ✦ Automated inflation & deflation
- ✦ **8.5x11 Standard Reports**
  - ✦ No taping or pasting waveform strips
- ✦ **Data files easily attached to EMR records**
- ✦ **2-year warranty**

### Tests Performed

- ✦ **simplePVR™ \*NEW\***
  - ✦ 1-2 minute test for PAD
  - ✦ Wrap a cuff, push a button, read the results
  - ✦ No need to remove shoes or socks
- ✦ **Bi-lateral ABI with waveforms**
  - ✦ Gold standard test for PAD
- ✦ **ABI with Toe (TBI)**
  - ✦ Toe pressures when large arteries are incompressible
- ✦ **ABI with Exercise (Stress)**
  - ✦ One page ABI Stress report with time graph, time to onset, maximum walking time, time to recovery

### ABI-450CL Kit – what's included:

- ✦ simpleABI Reporting Software
- ✦ 4-port Cuff-Link™ cuff selector with remote
- ✦ Sensitive 8MHz Doppler
- ✦ PPG Probe
- ✦ 5 cuffs (2x10cm, 2x12cm, 1x1.9cm)

### ABI-450CL Options

- ✦ Computer
- ✦ Roll Stand with Basket
- ✦ DICOM Plug-in
- ✦ Mobile Carry Bag
- ✦ Additional cuff sizes

<http://newman-medical.com/abi450cl>

<http://newman-medical.com/videos.html>

simpleABI<sup>™</sup>  
with CUFF-LINK<sup>™</sup>



**Cuff-Link™ – Push button simplicity!**

# ABI-450CL

## Automated ABI, TBI, & Stress Testing – CPT 93922, 93923, & 93924

**Newman Medical** LOWER EXTREMITY PHYSIOLOGIC STUDY SINGLE LEVEL ABI EXAM

Newman Medical  
5350 Vivian Street Unit C  
Arvada, CO 80002  
800-267-5549(P) 888-202-3627(F)

Patient Name John Doe DOB 1/1/1950 PatientID ABC123  
Patient Age 65 Gender M Race Caucasian Date 10/12/2015  
Ref. Physician Dr. Smith Examiner Sally Johnson

Risk Factors	Current Symptoms	ABI Guidelines
<input type="checkbox"/> Tobacco Use <input type="checkbox"/> Hyperlipidemia	L <input type="checkbox"/> Intermittent Claudication <input type="checkbox"/> R <input type="checkbox"/> Numbness/Tingling in Feet	> 1.40 Incompressible
<input type="checkbox"/> Diabetes <input type="checkbox"/> Stroke/TIA	L <input type="checkbox"/> Ulcerations <input type="checkbox"/> R <input type="checkbox"/> Rest Pain	1.00 - 1.39 Normal
<input type="checkbox"/> Heart Disease <input type="checkbox"/> Prev Vasc Surgery	L <input type="checkbox"/> Gangrene <input type="checkbox"/> R <input type="checkbox"/> other symptom	0.91 - 0.99 Borderline
<input type="checkbox"/> Prev CV Event <input type="checkbox"/> Over Age 65		< 0.90 Abnormal
<input type="checkbox"/> other risk		

ICD CODES: E10.51 Diabetes Mellitus with Peripheral Circulatory Disorders Type I not stated as uncontrolled  
E10.51 Diabetes Mellitus with Peripheral Circulatory Disorders Type I not stated as uncontrolled

Technician Comments technician comments

RIGHT	LEFT
BRACHIAL <b>125</b> mmHg	BRACHIAL <b>128</b> mmHg
PT <b>138</b> mmHg	PT <b>138</b> mmHg
DP <b>136</b> mmHg	DP <b>135</b> mmHg
<b>RIGHT ABI 1.08</b>	<b>LEFT ABI 1.08</b>

ABI's are calculated using the higher pressure at each site divided by the higher of the brachial pressures

Normal

Interpreting Physician Dr. Keeler

© Newman Medical CPT CODE: 93922 Non-invasive physiologic studies of the upper or lower extremity arteries, single level, bilateral. www.newman-medical.com

### SAMPLE ABI REPORT

- Logo
- Practice Address
- Technicians, Referring docs, interpreting docs
- Impressions/Interpretation
- ICD Codes

**Newman Medical** LOWER EXTREMITY PHYSIOLOGIC STUDY SINGLE LEVEL TBI EXAM

Newman Medical  
5350 Vivian Street Unit C  
Arvada, CO 80002  
800-267-5549(P) 888-202-3627(F)

Patient Name John Doe DOB 1/1/1950 PatientID ABC123  
Patient Age 64 Gender M Race Caucasian Date 10/12/2014  
Ref. Physician Dr. Smith Examiner Sally Johnson

Risk Factors	Current Symptoms	TBI Guidelines
<input type="checkbox"/> Tobacco Use <input type="checkbox"/> Hyperlipidemia	L <input type="checkbox"/> Intermittent Claudication <input type="checkbox"/> R <input type="checkbox"/> Numbness/Tingling in Feet	>= 0.70 Normal
<input type="checkbox"/> Diabetes <input type="checkbox"/> Stroke/TIA	L <input type="checkbox"/> Ulcerations <input type="checkbox"/> R <input type="checkbox"/> Rest Pain	< 0.70 Abnormal
<input type="checkbox"/> Heart Disease <input type="checkbox"/> Prev Vasc Surgery	L <input type="checkbox"/> Gangrene <input type="checkbox"/> R <input type="checkbox"/> other symptom	
<input type="checkbox"/> Prev CV Event <input type="checkbox"/> Over Age 65		
<input type="checkbox"/> foot factor		

ICD CODES: E10.51 Diabetes Mellitus with Peripheral Circulatory Disorders Type I not stated as uncontrolled  
E10.51 Diabetes Mellitus with Peripheral Circulatory Disorders Type I not stated as uncontrolled

Technician Comments technician comments

RIGHT	LEFT
BRACHIAL <b>125</b> mmHg	BRACHIAL <b>128</b> mmHg
TOE <b>108</b> mmHg	TOE <b>106</b> mmHg
<b>RIGHT TBI 0.84</b>	<b>LEFT TBI 0.83</b>

TBI's are calculated using the pressure at each toe divided by the higher of the brachial pressures

Normal

Interpreting Physician Dr. Keeler

© Newman Medical CPT CODE: 93922 Non-invasive physiologic studies of the upper or lower extremity arteries, single level, bilateral. www.newman-medical.com

### SAMPLE TBI REPORT

**Newman Medical** LOWER EXTREMITY PHYSIOLOGIC STUDY SINGLE LEVEL STRESS ABI EXAM

Newman Medical  
5350 Vivian Street Unit C  
Arvada, CO 80002  
800-267-5549(P) 888-202-3627(F)

Patient Name John DOB 1/1/1950 PatientID ABC123  
Patient Age 64 Gender M Race Caucasian Date 10/12/2015  
Ref. Physician Dr. Smith Examiner Sally Johnson

Right Brachial	Time	Right Ankle	Right ABI	Time	Left Brachial	Time	Left Ankle	Left ABI	Time
Resting	128	00:00	135	1.05	00:00	125	00:00	136	1.08
Immediate	127	00:00	65	0.51	01:02	125	01:32	139	1.09
Period 1	128	02:26	71	0.55	03:01	124	03:29	137	1.07
Period 2	126	04:30	83	0.66	05:01	126	05:15	138	1.10
Period 3	128	06:12	98	0.77	07:00	125	07:29	137	1.07
Period 4	127	08:30	117	0.92	09:19	127	09:43	136	1.07
Period 5	128	10:23	132	1.03	10:59	125	11:32	138	1.08

Technician Comments Right side claudication

Stress Test

Onset Time Of Claudication 1:02 Maximal Walking Time 3:45 Time To Recovery 10:59

Abnormal, refer to vascular specialist routine. Send to Dr. Thompson with stated right side claudication and walking pain.

Interpreting Physician Dr. Keeler

© Newman Medical CPT is 93924 - Non-invasive physiologic studies of lower extremity arteries, at rest and following treadmill stress testing. www.newman-medical.com

### SAMPLE STRESS REPORT