

# 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

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

### Tests Performed

#### ✦ simplePVR<sup>™</sup> \*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<sup>™</sup> 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>



**Cuff-Link<sup>™</sup> – Push button simplicity!**

Newman Medical

5350 Vivian Street | Unit C | Arvada | CO | 80002

Toll-free 800-267-5549 | Fax-888-202-3627 | [www.newman-medical.com](http://www.newman-medical.com)

# 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 10/12/2014  
 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"/><br>L <input type="checkbox"/> Numbness/Tingling in Feet <input type="checkbox"/> R <input type="checkbox"/><br>L <input type="checkbox"/> Ulcerations <input type="checkbox"/> R <input type="checkbox"/><br>L <input type="checkbox"/> Rest Pain <input type="checkbox"/> R <input type="checkbox"/><br>L <input type="checkbox"/> Gangrene <input type="checkbox"/> R <input type="checkbox"/><br><input type="checkbox"/> other symptom | > 1.40 Incompressible<br>1.00 - 1.39 Normal<br>0.91 - 0.99 Borderline<br>< 0.90 Abnormal |

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

Interpreting Physician Dr. Keeler

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

### SAMPLE ABI REPORT

**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"/> <input type="checkbox"/> Location<br>L <input type="checkbox"/> Numbness/Tingling in Feet <input type="checkbox"/> R <input type="checkbox"/><br>L <input type="checkbox"/> Ulcerations <input type="checkbox"/> R <input type="checkbox"/><br>L <input type="checkbox"/> Rest Pain <input type="checkbox"/> R <input type="checkbox"/><br>L <input type="checkbox"/> Gangrene <input type="checkbox"/> R <input type="checkbox"/><br><input type="checkbox"/> other symptom | >= 0.70 Normal<br>< 0.70 Abnormal |

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

Interpreting Physician Dr. Keeler

### 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 10/12/2014  
 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  | 01:32      | 139      | 1.09 |
| Immediate      | 127  | 00:00       | 65        | 0.51 | 01:02         | 124  | 03:29      | 137      | 1.07 |
| Period 1       | 128  | 02:26       | 71        | 0.55 | 03:01         | 126  | 05:15      | 138      | 1.10 |
| Period 2       | 126  | 04:30       | 83        | 0.66 | 05:01         | 125  | 07:29      | 137      | 1.07 |
| Period 3       | 128  | 06:12       | 98        | 0.77 | 07:00         | 127  | 09:43      | 136      | 1.07 |
| Period 4       | 127  | 08:30       | 117       | 0.92 | 09:19         | 125  | 11:32      | 138      | 1.08 |
| Period 5       | 128  | 10:23       | 132       | 1.03 | 10:59         |      |            |          |      |

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

### SAMPLE STRESS REPORT