

Device Interface Overview

Unetixs Vascular System

| | |
|---------------------------------|------------|
| Effective date | 2020-04-30 |
| Device interface version | 7.0 |
| Document version | 1 |

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Introduction

The device interface supports the import feature for the Unetixs MultiLab 1.5.9 noninvasive vascular system to vascular reports with the vascular knowledge base version 7.0.

Key features

- Device configurability
- Multiple, successive imports: re-imported findings overwrite the findings from the prior device import
- Unetixs waveform data import as DICOM images

Configurable items

ASCEND uses global configuration states to include/exclude specific sections within the device interface.

Import scope

Patient demographics

- Date of birth (disabled by default)
- Gender (disabled by default)
- Study date (disabled by default)
- Study time (disabled by default)

Unetixs study types

| Study type | Location | Data | Images |
|--------------------------------------|----------|------|--------|
| 1. UA Arm Pressures | UE | ✓ | |
| 2. UA Digit pressures | UE | ✓ | |
| 3. LA Leg Pressures | LE | ✓ | |
| 4. LA Toe Pressures | LE | ✓ | |
| 5. LA Post Exercise pressures | LE | ✓ | |
| 6. UA PVR Waveforms | UE | ✓ | ✓ |
| 7. UA Doppler Waveforms | UE | | ✓ |
| 8. UA Digit PPG Waveforms | UE | | ✓ |
| 9. UA Allen's PPG Waveforms | UE | | ✓ |
| 10. UA Raynaud's Digit PPG waveforms | UE | | ✓ |
| 11. UA Raynaud's Cold Tolerance | UE | ✓ | |
| 12. UA Thoracic Outlet PPG waveforms | UE | | ✓ |

| Study type | Location | Data | Images |
|--|-----------------|-------------|---------------|
| 13. LA PVR waveform | LE | ✓ | ✓ |
| 14. LA Post Exercise Ankle PVR waveforms | LE | ✓ | ✓ |
| 15. LA Doppler waveforms | LE | | ✓ |
| 16. LA Digit PPG waveforms | LE | | ✓ |
| 17. Penile Doppler and pressures | LE | ✓ | ✓ |
| 18. UA Fistula PPG waveforms | UE | ✓ | ✓ |

Vendor Licenses

The customer needs to purchase the DICOM software, required for adding the SR information as an ASCII text file that is embedded into the “Study Notes” Tag (0020,4000).

Examples

| Study type | Data | Images | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|-----------------|------------------|------------|----|-----------|----|---------|----|----------|----|---------|----|------------|----|-----------|----|---------|----|----------|----|---------|-----|--|--------------|-------------|-----------------|----|----|-----------------|------------------|-----------|----|---------|----|----------|----|---------|----|-----------|----|---------|----|----------|----|---------|-----|----------------|
| 1. UA Arm Pressures | <div style="display: flex; justify-content: space-around;"> <div style="width: 45%;"> <p>Arterial pressure indices:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Location</i></th> <th style="text-align: left;"><i>Pressure*</i></th> </tr> </thead> <tbody> <tr><td>R brachial</td><td>52</td></tr> <tr><td>R forearm</td><td>25</td></tr> <tr><td>R wrist</td><td>45</td></tr> <tr><td>R radial</td><td>83</td></tr> <tr><td>R ulnar</td><td>37</td></tr> <tr><td>L brachial</td><td>51</td></tr> <tr><td>L forearm</td><td>41</td></tr> <tr><td>L wrist</td><td>90</td></tr> <tr><td>L radial</td><td>21</td></tr> <tr><td>L ulnar</td><td>129</td></tr> </tbody> </table> <p><small>*Pressures are expressed in mm Hg</small></p> <p style="text-align: center;">Default</p> </div> <div style="width: 45%;"> <p>Brachial pressures:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;"><i>Right</i></th> <th style="text-align: center;"><i>Left</i></th> </tr> </thead> <tbody> <tr> <td style="text-align: left;"><i>Systolic</i></td> <td style="text-align: center;">52</td> <td style="text-align: center;">51</td> </tr> </tbody> </table> <p>Arterial pressure indices:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><i>Location</i></th> <th style="text-align: left;"><i>Pressure*</i></th> </tr> </thead> <tbody> <tr><td>R forearm</td><td>25</td></tr> <tr><td>R wrist</td><td>45</td></tr> <tr><td>R radial</td><td>83</td></tr> <tr><td>R ulnar</td><td>37</td></tr> <tr><td>L forearm</td><td>41</td></tr> <tr><td>L wrist</td><td>90</td></tr> <tr><td>L radial</td><td>21</td></tr> <tr><td>L ulnar</td><td>129</td></tr> </tbody> </table> <p><small>*Pressures are expressed in mm Hg</small></p> <p style="text-align: center;">Configurable</p> </div> </div> | <i>Location</i> | <i>Pressure*</i> | R brachial | 52 | R forearm | 25 | R wrist | 45 | R radial | 83 | R ulnar | 37 | L brachial | 51 | L forearm | 41 | L wrist | 90 | L radial | 21 | L ulnar | 129 | | <i>Right</i> | <i>Left</i> | <i>Systolic</i> | 52 | 51 | <i>Location</i> | <i>Pressure*</i> | R forearm | 25 | R wrist | 45 | R radial | 83 | R ulnar | 37 | L forearm | 41 | L wrist | 90 | L radial | 21 | L ulnar | 129 | Not applicable |
| <i>Location</i> | <i>Pressure*</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R brachial | 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R forearm | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R wrist | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R radial | 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R ulnar | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L brachial | 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L forearm | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L wrist | 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L radial | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L ulnar | 129 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <i>Right</i> | <i>Left</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Systolic</i> | 52 | 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Location</i> | <i>Pressure*</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R forearm | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R wrist | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R radial | 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R ulnar | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L forearm | 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L wrist | 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L radial | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L ulnar | 129 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

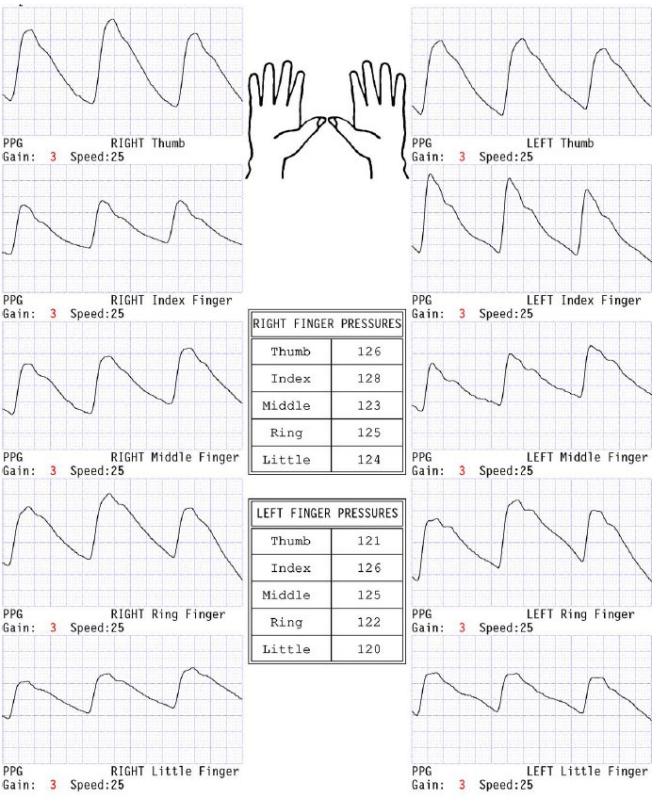
| Study type | Data | Images | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|----------------------------|--|----------|-----------|------------|----|-------------|----|--------------|----|--------------|----|--------------|----|--------------|----|--------------|----|------------|----|-------------|----|--------------|----|--------------|----|--------------|----|--------------|----|--------------|----|--|---------------------|--|--|--|-------|------|----------|----|----|----------------------------|--|----------|-----------|-------------|----|--------------|----|--------------|----|--------------|----|--------------|----|--------------|----|-------------|----|--------------|----|--------------|----|--------------|----|--------------|----|--------------|----|----------------|
| 2. UA Digit pressures | <table border="1"> <thead> <tr> <th colspan="2" data-bbox="310 362 590 391">Arterial pressure indices:</th> </tr> <tr> <th data-bbox="310 391 443 420">Location</th> <th data-bbox="443 391 562 420">Pressure*</th> </tr> </thead> <tbody> <tr><td>R brachial</td><td>52</td></tr> <tr><td>RUE digital</td><td>26</td></tr> <tr><td>R 1st finger</td><td>82</td></tr> <tr><td>R 2nd finger</td><td>72</td></tr> <tr><td>R 3rd finger</td><td>24</td></tr> <tr><td>R 4th finger</td><td>92</td></tr> <tr><td>R 5th finger</td><td>34</td></tr> <tr><td>L brachial</td><td>42</td></tr> <tr><td>LUE digital</td><td>32</td></tr> <tr><td>L 1st finger</td><td>89</td></tr> <tr><td>L 2nd finger</td><td>73</td></tr> <tr><td>L 3rd finger</td><td>72</td></tr> <tr><td>L 4th finger</td><td>57</td></tr> <tr><td>L 5th finger</td><td>84</td></tr> </tbody> </table> <p data-bbox="310 954 680 980">*Pressures are expressed in mm Hg</p> <p data-bbox="373 1008 457 1034">Default</p> | Arterial pressure indices: | | Location | Pressure* | R brachial | 52 | RUE digital | 26 | R 1st finger | 82 | R 2nd finger | 72 | R 3rd finger | 24 | R 4th finger | 92 | R 5th finger | 34 | L brachial | 42 | LUE digital | 32 | L 1st finger | 89 | L 2nd finger | 73 | L 3rd finger | 72 | L 4th finger | 57 | L 5th finger | 84 | <table border="1"> <thead> <tr> <th colspan="3" data-bbox="695 321 911 350">Brachial pressures:</th> </tr> <tr> <th data-bbox="695 350 785 380"></th> <th data-bbox="785 350 848 380">Right</th> <th data-bbox="848 350 898 380">Left</th> </tr> </thead> <tbody> <tr> <td data-bbox="695 380 785 409">Systolic</td> <td data-bbox="785 380 848 409">52</td> <td data-bbox="848 380 898 409">42</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2" data-bbox="695 435 974 464">Arterial pressure indices:</th> </tr> <tr> <th data-bbox="695 464 827 493">Location</th> <th data-bbox="827 464 947 493">Pressure*</th> </tr> </thead> <tbody> <tr><td>RUE digital</td><td>26</td></tr> <tr><td>R 1st finger</td><td>82</td></tr> <tr><td>R 2nd finger</td><td>72</td></tr> <tr><td>R 3rd finger</td><td>24</td></tr> <tr><td>R 4th finger</td><td>92</td></tr> <tr><td>R 5th finger</td><td>34</td></tr> <tr><td>LUE digital</td><td>32</td></tr> <tr><td>L 1st finger</td><td>89</td></tr> <tr><td>L 2nd finger</td><td>73</td></tr> <tr><td>L 3rd finger</td><td>72</td></tr> <tr><td>L 4th finger</td><td>57</td></tr> <tr><td>L 5th finger</td><td>84</td></tr> </tbody> </table> <p data-bbox="695 954 1064 980">*Pressures are expressed in mm Hg</p> <p data-bbox="785 1008 932 1034">Configurable</p> | Brachial pressures: | | | | Right | Left | Systolic | 52 | 42 | Arterial pressure indices: | | Location | Pressure* | RUE digital | 26 | R 1st finger | 82 | R 2nd finger | 72 | R 3rd finger | 24 | R 4th finger | 92 | R 5th finger | 34 | LUE digital | 32 | L 1st finger | 89 | L 2nd finger | 73 | L 3rd finger | 72 | L 4th finger | 57 | L 5th finger | 84 | Not applicable |
| Arterial pressure indices: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Location | Pressure* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R brachial | 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RUE digital | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 1st finger | 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 2nd finger | 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 3rd finger | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 4th finger | 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 5th finger | 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L brachial | 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LUE digital | 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 1st finger | 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 2nd finger | 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 3rd finger | 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 4th finger | 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 5th finger | 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brachial pressures: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Right | Left | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Systolic | 52 | 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Arterial pressure indices: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Location | Pressure* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RUE digital | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 1st finger | 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 2nd finger | 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 3rd finger | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 4th finger | 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 5th finger | 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LUE digital | 32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 1st finger | 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 2nd finger | 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 3rd finger | 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 4th finger | 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 5th finger | 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Study type | Data | Images | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 3. LA Leg Pressures | <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left;">Arterial pressure indices:</th> <th colspan="2" style="text-align: left;">Brachial pressures:</th> </tr> <tr> <th style="text-align: left;"><i>Location</i></th> <th style="text-align: left;"><i>Pressure*</i></th> <th style="text-align: left;"><i>Right</i></th> <th style="text-align: left;"><i>Left</i></th> </tr> </thead> <tbody> <tr> <td>R brachial</td> <td>52</td> <td>Systolic 52</td> <td>42</td> </tr> <tr> <td>High R thigh</td> <td>25</td> <td></td> <td></td> </tr> <tr> <td>Low R thigh</td> <td>54</td> <td></td> <td></td> </tr> <tr> <td>R calf</td> <td>34</td> <td></td> <td></td> </tr> <tr> <td>R post tibial</td> <td>54</td> <td></td> <td></td> </tr> <tr> <td>R dorsal pedal</td> <td>75</td> <td></td> <td></td> </tr> <tr> <td>R ant tibial</td> <td>85</td> <td></td> <td></td> </tr> <tr> <td>R peroneal</td> <td>25</td> <td></td> <td></td> </tr> <tr> <td>R ankle</td> <td>45</td> <td></td> <td></td> </tr> <tr> <td>R metatarsal</td> <td>86</td> <td></td> <td></td> </tr> <tr> <td>L brachial</td> <td>42</td> <td></td> <td></td> </tr> <tr> <td>High L thigh</td> <td>25</td> <td></td> <td></td> </tr> <tr> <td>Low L thigh</td> <td>63</td> <td></td> <td></td> </tr> <tr> <td>L calf</td> <td>14</td> <td></td> <td></td> </tr> <tr> <td>L post tibial</td> <td>46</td> <td></td> <td></td> </tr> <tr> <td>L dorsal pedal</td> <td>64</td> <td></td> <td></td> </tr> <tr> <td>L ant tibial</td> <td>78</td> <td></td> <td></td> </tr> <tr> <td>L peroneal</td> <td>43</td> <td></td> <td></td> </tr> <tr> <td>L ankle</td> <td>22</td> <td></td> <td></td> </tr> <tr> <td>L metatarsal</td> <td>27</td> <td></td> <td></td> </tr> </tbody> </table> <p style="font-size: small; margin-top: 5px;">*Pressures are expressed in mm Hg</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> Default Configurable </div> | Arterial pressure indices: | | Brachial pressures: | | <i>Location</i> | <i>Pressure*</i> | <i>Right</i> | <i>Left</i> | R brachial | 52 | Systolic 52 | 42 | High R thigh | 25 | | | Low R thigh | 54 | | | R calf | 34 | | | R post tibial | 54 | | | R dorsal pedal | 75 | | | R ant tibial | 85 | | | R peroneal | 25 | | | R ankle | 45 | | | R metatarsal | 86 | | | L brachial | 42 | | | High L thigh | 25 | | | Low L thigh | 63 | | | L calf | 14 | | | L post tibial | 46 | | | L dorsal pedal | 64 | | | L ant tibial | 78 | | | L peroneal | 43 | | | L ankle | 22 | | | L metatarsal | 27 | | | Not applicable |
| Arterial pressure indices: | | Brachial pressures: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Location</i> | <i>Pressure*</i> | <i>Right</i> | <i>Left</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R brachial | 52 | Systolic 52 | 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| High R thigh | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Low R thigh | 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R calf | 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R post tibial | 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R dorsal pedal | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R ant tibial | 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R peroneal | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R ankle | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R metatarsal | 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L brachial | 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| High L thigh | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Low L thigh | 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L calf | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L post tibial | 46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L dorsal pedal | 64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L ant tibial | 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L peroneal | 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L ankle | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L metatarsal | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Study type | Data | Images | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 4. LA Toe Pressures | <table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2" style="text-align: left;">Arterial pressure indices:</th> <th colspan="3" style="text-align: left;">Brachial pressures:</th> </tr> <tr> <th style="text-align: left;">Location</th> <th style="text-align: left;">Pressure*</th> <th></th> <th style="text-align: left;"><i>Right</i></th> <th style="text-align: left;"><i>Left</i></th> </tr> </thead> <tbody> <tr> <td>R brachial</td> <td>52</td> <td>Systolic</td> <td>52</td> <td>42</td> </tr> <tr> <td>RLE digital</td> <td>61</td> <td colspan="3"></td> </tr> <tr> <td>R 1st toe</td> <td>25</td> <td colspan="3"></td> </tr> <tr> <td>R 2nd toe</td> <td>73</td> <td colspan="3"></td> </tr> <tr> <td>R 3rd toe</td> <td>81</td> <td colspan="3"></td> </tr> <tr> <td>R 4th toe</td> <td>47</td> <td colspan="3"></td> </tr> <tr> <td>R 5th toe</td> <td>87</td> <td colspan="3"></td> </tr> <tr> <td>L brachial</td> <td>42</td> <td colspan="3"></td> </tr> <tr> <td>LLE digital</td> <td>66</td> <td colspan="3"></td> </tr> <tr> <td>L 1st toe</td> <td>23</td> <td colspan="3"></td> </tr> <tr> <td>L 2nd toe</td> <td>54</td> <td colspan="3"></td> </tr> <tr> <td>L 3rd toe</td> <td>44</td> <td colspan="3"></td> </tr> <tr> <td>L 4th toe</td> <td>38</td> <td colspan="3"></td> </tr> <tr> <td>L 5th toe</td> <td>73</td> <td colspan="3"></td> </tr> </tbody> </table> <p style="font-size: small;">*Pressures are expressed in mm Hg</p> <p style="text-align: center;">Default</p> | Arterial pressure indices: | | Brachial pressures: | | | Location | Pressure* | | <i>Right</i> | <i>Left</i> | R brachial | 52 | Systolic | 52 | 42 | RLE digital | 61 | | | | R 1st toe | 25 | | | | R 2nd toe | 73 | | | | R 3rd toe | 81 | | | | R 4th toe | 47 | | | | R 5th toe | 87 | | | | L brachial | 42 | | | | LLE digital | 66 | | | | L 1st toe | 23 | | | | L 2nd toe | 54 | | | | L 3rd toe | 44 | | | | L 4th toe | 38 | | | | L 5th toe | 73 | | | | <p>Not applicable</p> |
| Arterial pressure indices: | | Brachial pressures: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Location | Pressure* | | <i>Right</i> | <i>Left</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R brachial | 52 | Systolic | 52 | 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RLE digital | 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 1st toe | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 2nd toe | 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 3rd toe | 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 4th toe | 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R 5th toe | 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L brachial | 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LLE digital | 66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 1st toe | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 2nd toe | 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 3rd toe | 44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 4th toe | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 5th toe | 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Study type | Data | Images | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|--|---------------|---------------------|---------------|-------------------|---------------|-----------|----------|---------------------|-------------|-----------|-------|---------------------|---------|----------|-------|---------------------|-------------|----------|-------|---------------------|-------------|----------|-------|---------------------|---------|----------|-------|---------------------|---------------|----|-----|----|------|----|------|----|-----|----|------|----|------|----|-----|----|------|----|------|----|-----|----|------|----|------|----|-----|----|------|----|------|----|----------|-----------|------------|----|------------|----|-------|---------|---------------|---------|---------------|----------|----------|----|------|----|------|----|-----|----|------|----|------|----|-----|----|------|----|------|----|-----|----|------|----|------|----|-----|----|------|----|------|----|-----|----|------|----|------|----|-----|----|------|----|------|----|-----|----|------|----|------|----|-----|----|------|----|------|----|--|-------|------|----------|----|----|----------------|
| 5. LA Post Exercise pressures | <p>LA Post Exercise Pressures</p> <table border="1"> <thead> <tr> <th>Stage</th> <th>R Ankle</th> <th>R Ankle Index</th> <th>L Ankle</th> <th>L Ankle Index</th> <th>Brachial</th> </tr> </thead> <tbody> <tr><td>Baseline</td><td>51</td><td>0.61</td><td>93</td><td>1.12</td><td>83</td></tr> <tr><td>1st</td><td>62</td><td>1.19</td><td>27</td><td>0.52</td><td>52</td></tr> <tr><td>2nd</td><td>73</td><td>0.87</td><td>14</td><td>0.17</td><td>84</td></tr> <tr><td>3rd</td><td>62</td><td>0.84</td><td>54</td><td>0.73</td><td>74</td></tr> <tr><td>4th</td><td>36</td><td>0.43</td><td>34</td><td>0.41</td><td>83</td></tr> <tr><td>5th</td><td>73</td><td>1.97</td><td>62</td><td>1.68</td><td>37</td></tr> <tr><td>6th</td><td>35</td><td>0.76</td><td>73</td><td>1.59</td><td>46</td></tr> <tr><td>7th</td><td>35</td><td>1.35</td><td>66</td><td>2.54</td><td>26</td></tr> <tr><td>8th</td><td>25</td><td>0.30</td><td>54</td><td>0.65</td><td>83</td></tr> </tbody> </table> <p>*Pressures are expressed in mm Hg</p> <p>Physiologic data</p> <p>Arterial pressure indices:</p> <table border="1"> <thead> <tr> <th>Location</th> <th>Pressure*</th> </tr> </thead> <tbody> <tr><td>R brachial</td><td>52</td></tr> <tr><td>L brachial</td><td>42</td></tr> </tbody> </table> <p>Default</p> <p>LA Post Exercise Pressures</p> <table border="1"> <thead> <tr> <th>Stage</th> <th>R Ankle</th> <th>R Ankle Index</th> <th>L Ankle</th> <th>L Ankle Index</th> <th>Brachial</th> </tr> </thead> <tbody> <tr><td>Baseline</td><td>51</td><td>0.61</td><td>93</td><td>1.12</td><td>83</td></tr> <tr><td>1st</td><td>62</td><td>1.19</td><td>27</td><td>0.52</td><td>52</td></tr> <tr><td>2nd</td><td>73</td><td>0.87</td><td>14</td><td>0.17</td><td>84</td></tr> <tr><td>3rd</td><td>62</td><td>0.84</td><td>54</td><td>0.73</td><td>74</td></tr> <tr><td>4th</td><td>36</td><td>0.43</td><td>34</td><td>0.41</td><td>83</td></tr> <tr><td>5th</td><td>73</td><td>1.97</td><td>62</td><td>1.68</td><td>37</td></tr> <tr><td>6th</td><td>35</td><td>0.76</td><td>73</td><td>1.59</td><td>46</td></tr> <tr><td>7th</td><td>35</td><td>1.35</td><td>66</td><td>2.54</td><td>26</td></tr> <tr><td>8th</td><td>25</td><td>0.30</td><td>54</td><td>0.65</td><td>83</td></tr> </tbody> </table> <p>*Pressures are expressed in mm Hg</p> <p>Physiologic data</p> <p>Brachial pressures:</p> <table border="1"> <thead> <tr> <th></th> <th>Right</th> <th>Left</th> </tr> </thead> <tbody> <tr><td>Systolic</td><td>52</td><td>42</td></tr> </tbody> </table> <p>Configurable</p> | Stage | R Ankle | R Ankle Index | L Ankle | L Ankle Index | Brachial | Baseline | 51 | 0.61 | 93 | 1.12 | 83 | 1st | 62 | 1.19 | 27 | 0.52 | 52 | 2nd | 73 | 0.87 | 14 | 0.17 | 84 | 3rd | 62 | 0.84 | 54 | 0.73 | 74 | 4th | 36 | 0.43 | 34 | 0.41 | 83 | 5th | 73 | 1.97 | 62 | 1.68 | 37 | 6th | 35 | 0.76 | 73 | 1.59 | 46 | 7th | 35 | 1.35 | 66 | 2.54 | 26 | 8th | 25 | 0.30 | 54 | 0.65 | 83 | Location | Pressure* | R brachial | 52 | L brachial | 42 | Stage | R Ankle | R Ankle Index | L Ankle | L Ankle Index | Brachial | Baseline | 51 | 0.61 | 93 | 1.12 | 83 | 1st | 62 | 1.19 | 27 | 0.52 | 52 | 2nd | 73 | 0.87 | 14 | 0.17 | 84 | 3rd | 62 | 0.84 | 54 | 0.73 | 74 | 4th | 36 | 0.43 | 34 | 0.41 | 83 | 5th | 73 | 1.97 | 62 | 1.68 | 37 | 6th | 35 | 0.76 | 73 | 1.59 | 46 | 7th | 35 | 1.35 | 66 | 2.54 | 26 | 8th | 25 | 0.30 | 54 | 0.65 | 83 | | Right | Left | Systolic | 52 | 42 | Not applicable |
| Stage | R Ankle | R Ankle Index | L Ankle | L Ankle Index | Brachial | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baseline | 51 | 0.61 | 93 | 1.12 | 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1st | 62 | 1.19 | 27 | 0.52 | 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2nd | 73 | 0.87 | 14 | 0.17 | 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3rd | 62 | 0.84 | 54 | 0.73 | 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4th | 36 | 0.43 | 34 | 0.41 | 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5th | 73 | 1.97 | 62 | 1.68 | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6th | 35 | 0.76 | 73 | 1.59 | 46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7th | 35 | 1.35 | 66 | 2.54 | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8th | 25 | 0.30 | 54 | 0.65 | 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Location | Pressure* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R brachial | 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L brachial | 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stage | R Ankle | R Ankle Index | L Ankle | L Ankle Index | Brachial | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baseline | 51 | 0.61 | 93 | 1.12 | 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1st | 62 | 1.19 | 27 | 0.52 | 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2nd | 73 | 0.87 | 14 | 0.17 | 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3rd | 62 | 0.84 | 54 | 0.73 | 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4th | 36 | 0.43 | 34 | 0.41 | 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5th | 73 | 1.97 | 62 | 1.68 | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6th | 35 | 0.76 | 73 | 1.59 | 46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7th | 35 | 1.35 | 66 | 2.54 | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8th | 25 | 0.30 | 54 | 0.65 | 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Right | Left | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Systolic | 52 | 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6. UA PVR Waveforms | <p>Volume pulse recordings:</p> <table border="1"> <thead> <tr> <th>Cuff location</th> <th>Pressure</th> <th>VPR</th> <th>VPR post exercise</th> </tr> </thead> <tbody> <tr><td>R upper arm</td><td>364 mm Hg</td><td>VPR !</td><td>VPR post exercise !</td></tr> <tr><td>R lower arm</td><td>532 mm Hg</td><td>VPR !</td><td>VPR post exercise !</td></tr> <tr><td>R wrist</td><td>72 mm Hg</td><td>VPR !</td><td>VPR post exercise !</td></tr> <tr><td>L upper arm</td><td>61 mm Hg</td><td>VPR !</td><td>VPR post exercise !</td></tr> <tr><td>L lower arm</td><td>77 mm Hg</td><td>VPR !</td><td>VPR post exercise !</td></tr> <tr><td>L wrist</td><td>74 mm Hg</td><td>VPR !</td><td>VPR post exercise !</td></tr> </tbody> </table> | Cuff location | Pressure | VPR | VPR post exercise | R upper arm | 364 mm Hg | VPR ! | VPR post exercise ! | R lower arm | 532 mm Hg | VPR ! | VPR post exercise ! | R wrist | 72 mm Hg | VPR ! | VPR post exercise ! | L upper arm | 61 mm Hg | VPR ! | VPR post exercise ! | L lower arm | 77 mm Hg | VPR ! | VPR post exercise ! | L wrist | 74 mm Hg | VPR ! | VPR post exercise ! | Not available | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cuff location | Pressure | VPR | VPR post exercise | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R upper arm | 364 mm Hg | VPR ! | VPR post exercise ! | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R lower arm | 532 mm Hg | VPR ! | VPR post exercise ! | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R wrist | 72 mm Hg | VPR ! | VPR post exercise ! | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L upper arm | 61 mm Hg | VPR ! | VPR post exercise ! | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L lower arm | 77 mm Hg | VPR ! | VPR post exercise ! | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L wrist | 74 mm Hg | VPR ! | VPR post exercise ! | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Study type | Data | Images |
|-------------------------|----------------|--|
| 7. UA Doppler Waveforms | Not applicable | <p>SEGMENTAL PRESSURE AND DOPPLER STUDY</p> <p>RIGHT Subclavian: Doppler 5Mhz, Gain: 96 Hz/mm, Speed:25, Pressure: 135</p> <p>LEFT Subclavian: Doppler 5Mhz, Gain: 96 Hz/mm, Speed:25, Pressure: 137</p> <p>RIGHT Axillary: Doppler 8Mhz, Gain: 96 Hz/mm, Speed:25, Pressure: 130</p> <p>LEFT Axillary: Doppler 8Mhz, Gain: 96 Hz/mm, Speed:25, Pressure: 134</p> <p>RIGHT Ulnar: Doppler 8Mhz, Gain: 96 Hz/mm, Speed:25, Pressure: 124</p> <p>LEFT Ulnar: Doppler 8Mhz, Gain: 96 Hz/mm, Speed:25, Pressure: 128</p> <p>RIGHT Radial: Doppler 8Mhz, Gain: 96 Hz/mm, Speed:25, Pressure: 129</p> <p>LEFT Radial: Doppler 8Mhz, Gain: 96 Hz/mm, Speed:25, Pressure: 130</p> <p>RIGHT Ulnar: Doppler 8Mhz, Gain: 48 Hz/mm, Speed:25, Pressure: 122</p> <p>LEFT Ulnar: Doppler 8Mhz, Gain: 96 Hz/mm, Speed:25, Pressure: 126</p> |

| Study type | Data | Images | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-----------------------|---|------------------------|--|-------|-----|-------|-----|--------|-----|------|-----|--------|-----|-----------------------|--|-------|-----|-------|-----|--------|-----|------|-----|--------|-----|
| <p>8. UA Digit PPG Waveforms</p> | <p>Not applicable</p> |  <p>The image displays ten PPG waveforms arranged in two columns. The left column shows waveforms for the right hand (Thumb, Index, Middle, Ring, Little) and the right column shows waveforms for the left hand (Thumb, Index, Middle, Ring, Little). Each waveform is labeled with 'PPG Gain: 3 Speed:25' and the corresponding finger name. In the center, there is a diagram of two hands with lines indicating the placement of sensors on each finger. Below the diagram are two tables:</p> <table border="1" data-bbox="1375 625 1522 787"> <thead> <tr> <th colspan="2">RIGHT FINGER PRESSURES</th> </tr> </thead> <tbody> <tr> <td>Thumb</td> <td>126</td> </tr> <tr> <td>Index</td> <td>128</td> </tr> <tr> <td>Middle</td> <td>123</td> </tr> <tr> <td>Ring</td> <td>125</td> </tr> <tr> <td>Little</td> <td>124</td> </tr> </tbody> </table> <table border="1" data-bbox="1375 812 1522 974"> <thead> <tr> <th colspan="2">LEFT FINGER PRESSURES</th> </tr> </thead> <tbody> <tr> <td>Thumb</td> <td>121</td> </tr> <tr> <td>Index</td> <td>126</td> </tr> <tr> <td>Middle</td> <td>125</td> </tr> <tr> <td>Ring</td> <td>122</td> </tr> <tr> <td>Little</td> <td>120</td> </tr> </tbody> </table> | RIGHT FINGER PRESSURES | | Thumb | 126 | Index | 128 | Middle | 123 | Ring | 125 | Little | 124 | LEFT FINGER PRESSURES | | Thumb | 121 | Index | 126 | Middle | 125 | Ring | 122 | Little | 120 |
| RIGHT FINGER PRESSURES | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thumb | 126 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Index | 128 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Middle | 123 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ring | 125 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Little | 124 | | | | | | | | | | | | | | | | | | | | | | | | | |
| LEFT FINGER PRESSURES | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thumb | 121 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Index | 126 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Middle | 125 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ring | 122 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Little | 120 | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>9.UA Allen's PPG Waveforms</p> | <p>Not applicable</p> | <p>Not available</p> | | | | | | | | | | | | | | | | | | | | | | | | |

| Study type | Data | Images | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---------------|----------|-----|-----|-----|-----|-----|------------|----|----|----|----|----|----|------------|----|----|----|----|----|----|------------|----|----|----|----|-----|----|------------|----|----|----|----|----|----|------------|----|----|----|----|----|----|------------|----|----|----|-----|----|----|------------|----|----|----|----|----|----|------------|----|----|----|----|----|----|------------|----|-----|-----|----|----|----|------------|-----|----|----|----|----|----|----------------|
| 10.UA Raynaud's Digit PPG waveforms | Not applicable | Not available | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11.UA Raynaud's Cold Tolerance | <p>UA Raynauds Cold Tolerance</p> <table border="1" data-bbox="304 532 766 938"> <thead> <tr> <th>Location</th> <th>Baseline</th> <th>1st</th> <th>2nd</th> <th>3rd</th> <th>4th</th> <th>5th</th> </tr> </thead> <tbody> <tr> <td>R Finger 1</td> <td>97</td> <td>98</td> <td>99</td> <td>98</td> <td>94</td> <td>34</td> </tr> <tr> <td>R Finger 2</td> <td>93</td> <td>97</td> <td>97</td> <td>89</td> <td>95</td> <td>97</td> </tr> <tr> <td>R Finger 3</td> <td>98</td> <td>99</td> <td>95</td> <td>90</td> <td>101</td> <td>99</td> </tr> <tr> <td>R Finger 4</td> <td>99</td> <td>85</td> <td>94</td> <td>97</td> <td>97</td> <td>95</td> </tr> <tr> <td>R Finger 5</td> <td>98</td> <td>95</td> <td>99</td> <td>99</td> <td>99</td> <td>93</td> </tr> <tr> <td>L Finger 1</td> <td>87</td> <td>96</td> <td>93</td> <td>100</td> <td>98</td> <td>42</td> </tr> <tr> <td>L Finger 2</td> <td>89</td> <td>99</td> <td>97</td> <td>98</td> <td>96</td> <td>91</td> </tr> <tr> <td>L Finger 3</td> <td>95</td> <td>92</td> <td>99</td> <td>99</td> <td>41</td> <td>52</td> </tr> <tr> <td>L Finger 4</td> <td>99</td> <td>102</td> <td>101</td> <td>91</td> <td>94</td> <td>73</td> </tr> <tr> <td>L Finger 5</td> <td>100</td> <td>93</td> <td>99</td> <td>99</td> <td>98</td> <td>33</td> </tr> </tbody> </table> <p>*Temperatures are expressed in degrees Fahrenheit</p> | Location | Baseline | 1st | 2nd | 3rd | 4th | 5th | R Finger 1 | 97 | 98 | 99 | 98 | 94 | 34 | R Finger 2 | 93 | 97 | 97 | 89 | 95 | 97 | R Finger 3 | 98 | 99 | 95 | 90 | 101 | 99 | R Finger 4 | 99 | 85 | 94 | 97 | 97 | 95 | R Finger 5 | 98 | 95 | 99 | 99 | 99 | 93 | L Finger 1 | 87 | 96 | 93 | 100 | 98 | 42 | L Finger 2 | 89 | 99 | 97 | 98 | 96 | 91 | L Finger 3 | 95 | 92 | 99 | 99 | 41 | 52 | L Finger 4 | 99 | 102 | 101 | 91 | 94 | 73 | L Finger 5 | 100 | 93 | 99 | 99 | 98 | 33 | Not applicable |
| Location | Baseline | 1st | 2nd | 3rd | 4th | 5th | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R Finger 1 | 97 | 98 | 99 | 98 | 94 | 34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R Finger 2 | 93 | 97 | 97 | 89 | 95 | 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R Finger 3 | 98 | 99 | 95 | 90 | 101 | 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R Finger 4 | 99 | 85 | 94 | 97 | 97 | 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R Finger 5 | 98 | 95 | 99 | 99 | 99 | 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L Finger 1 | 87 | 96 | 93 | 100 | 98 | 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L Finger 2 | 89 | 99 | 97 | 98 | 96 | 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L Finger 3 | 95 | 92 | 99 | 99 | 41 | 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L Finger 4 | 99 | 102 | 101 | 91 | 94 | 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L Finger 5 | 100 | 93 | 99 | 99 | 98 | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12.UA Thoracic Outlet PPG waveforms | Not applicable | Not available | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Study type | Data | Images | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|------------------------|---------------------|------------------------|-------------------|---------|----------|----------|---------------------|-------------|----------|----------|---------------------|---------------|----------|-------|---------------------|---------|----------|-------|---------------------|--------------|----------|-------|---------------------|---------|----------|-------|---------------------|-------------|----------|-------|---------------------|--------|----------|-------|---------------------|---------|-----------|-------|---------------------|--------------|---------|-------|---------------------|---|
| 13.LA PVR waveform | <p>Volume pulse recordings:</p> <table border="1"> <thead> <tr> <th>Cuff location</th> <th>Pressure</th> <th>VPR</th> <th>VPR post exercise</th> </tr> </thead> <tbody> <tr> <td>R thigh</td> <td>48 mm Hg</td> <td>VPR !</td> <td>VPR post exercise !</td> </tr> <tr> <td>Low R thigh</td> <td>75 mm Hg</td> <td>VPR !</td> <td>VPR post exercise !</td> </tr> <tr> <td>R calf</td> <td>48 mm Hg</td> <td>VPR !</td> <td>VPR post exercise !</td> </tr> <tr> <td>R ankle</td> <td>49 mm Hg</td> <td>VPR !</td> <td>VPR post exercise !</td> </tr> <tr> <td>R metatarsal</td> <td>48 mm Hg</td> <td>VPR !</td> <td>VPR post exercise !</td> </tr> <tr> <td>L thigh</td> <td>87 mm Hg</td> <td>VPR !</td> <td>VPR post exercise !</td> </tr> <tr> <td>Low L thigh</td> <td>47 mm Hg</td> <td>VPR !</td> <td>VPR post exercise !</td> </tr> <tr> <td>L calf</td> <td>56 mm Hg</td> <td>VPR !</td> <td>VPR post exercise !</td> </tr> <tr> <td>L ankle</td> <td>435 mm Hg</td> <td>VPR !</td> <td>VPR post exercise !</td> </tr> <tr> <td>L metatarsal</td> <td>4 mm Hg</td> <td>VPR !</td> <td>VPR post exercise !</td> </tr> </tbody> </table> | Cuff location | Pressure | VPR | VPR post exercise | R thigh | 48 mm Hg | VPR ! | VPR post exercise ! | Low R thigh | 75 mm Hg | VPR ! | VPR post exercise ! | R calf | 48 mm Hg | VPR ! | VPR post exercise ! | R ankle | 49 mm Hg | VPR ! | VPR post exercise ! | R metatarsal | 48 mm Hg | VPR ! | VPR post exercise ! | L thigh | 87 mm Hg | VPR ! | VPR post exercise ! | Low L thigh | 47 mm Hg | VPR ! | VPR post exercise ! | L calf | 56 mm Hg | VPR ! | VPR post exercise ! | L ankle | 435 mm Hg | VPR ! | VPR post exercise ! | L metatarsal | 4 mm Hg | VPR ! | VPR post exercise ! | <p>SEGMENTAL PRESSURE STUDY</p> <p>Brachial RIGHT LEFT 127 124</p> <p>PVR 66mmHg 255cc RIGHT High Thigh Gain: .75 mmHg/20mm Amp: 33mm</p> <p>PVR 67mmHg 266cc LEFT High Thigh Gain: .75 mmHg/20mm Amp: 28mm</p> <p>147 149</p> <p>PVR 67mmHg 203cc RIGHT Above Knee Gain: .75 mmHg/20mm Amp: 28mm</p> <p>PVR 67mmHg 203cc LEFT Above Knee Gain: .75 mmHg/20mm Amp: 29mm</p> <p>142 145</p> <p>135 136</p> <p>RIGHT LEFT</p> <p>129 131</p> <p>PVR 64mmHg 103cc RIGHT Below Knee Gain: .75 mmHg/20mm Amp: 25mm</p> <p>ABI: 1.02</p> <p>ABI: 1.03</p> <p>PVR 67mmHg 113cc LEFT Below Knee Gain: .75 mmHg/20mm Amp: 25mm</p> <p>PVR 64mmHg 83cc RIGHT Ankle Gain: .75 mmHg/20mm Amp: 11mm</p> <p>PVR 64mmHg 68cc LEFT Ankle Gain: .75 mmHg/20mm Amp: 12mm</p> |
| Cuff location | Pressure | VPR | VPR post exercise | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R thigh | 48 mm Hg | VPR ! | VPR post exercise ! | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Low R thigh | 75 mm Hg | VPR ! | VPR post exercise ! | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R calf | 48 mm Hg | VPR ! | VPR post exercise ! | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R ankle | 49 mm Hg | VPR ! | VPR post exercise ! | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R metatarsal | 48 mm Hg | VPR ! | VPR post exercise ! | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L thigh | 87 mm Hg | VPR ! | VPR post exercise ! | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Low L thigh | 47 mm Hg | VPR ! | VPR post exercise ! | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L calf | 56 mm Hg | VPR ! | VPR post exercise ! | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L ankle | 435 mm Hg | VPR ! | VPR post exercise ! | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L metatarsal | 4 mm Hg | VPR ! | VPR post exercise ! | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14.LA Post Exercise Ankle PVR waveforms | <p>Volume pulse recordings:</p> <table border="1"> <thead> <tr> <th>Cuff location</th> <th>VPR</th> <th>Pressure post exercise</th> <th>VPR post exercise</th> </tr> </thead> <tbody> <tr> <td>R ankle</td> <td>VPR !</td> <td>45 mm Hg</td> <td>VPR post exercise !</td> </tr> <tr> <td>L ankle</td> <td>VPR !</td> <td>32 mm Hg</td> <td>VPR post exercise !</td> </tr> </tbody> </table> | Cuff location | VPR | Pressure post exercise | VPR post exercise | R ankle | VPR ! | 45 mm Hg | VPR post exercise ! | L ankle | VPR ! | 32 mm Hg | VPR post exercise ! | Not available | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cuff location | VPR | Pressure post exercise | VPR post exercise | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R ankle | VPR ! | 45 mm Hg | VPR post exercise ! | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L ankle | VPR ! | 32 mm Hg | VPR post exercise ! | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Study type | Data | Images |
|-------------------------------|----------------|---|
| 15.LA Doppler waveforms | Not applicable | <p>SEGMENTAL PRESSURE STUDY</p> <p>Brachial RIGHT LEFT 130 133</p> <p>154 157</p> <p>146 150</p> <p>139 144</p> <p>RIGHT LEFT 135 139</p> <p>ABI: 1.02 ABI: 1.05</p> <p>Dop 8Mhz RIGHT Common Femoral Gain: 128 Hz/mm Speed: 25</p> <p>Dop 8Mhz LEFT Common Femoral Gain: 96 Hz/mm Speed: 25</p> <p>Dop 8Mhz RIGHT Superficial Femoral Gain: 128 Hz/mm Speed: 25</p> <p>Dop 8Mhz LEFT Superficial Femoral Gain: 96 Hz/mm Speed: 25</p> <p>Dop 8Mhz RIGHT Popliteal Gain: 64 Hz/mm Speed: 25</p> <p>Dop 8Mhz LEFT Popliteal Gain: 64 Hz/mm Speed: 25</p> <p>Dop 8Mhz RIGHT Posterior Tibial Gain: 96 Hz/mm Speed: 25</p> <p>Dop 8Mhz LEFT Posterior Tibial Gain: 96 Hz/mm Speed: 25</p> <p>Dop 8Mhz RIGHT Dorsalis Pedis Gain: 64 Hz/mm Speed: 25</p> <p>Dop 8Mhz LEFT Dorsalis Pedis Gain: 64 Hz/mm Speed: 25</p> |

| Study type | Data | Images | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|---|---------------|-----------|-------------|------------|--------------|----|------------|----|--------------|------------|----|-------|------------|----------|----|------------|----------|-----------|--------------|----|--------------|------------|---------------|----|------------|----|----|------------|----|----|------------|----|----|---------------|
| 16.LA Digit PPG waveforms | Not applicable | Not available | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17.Penile Doppler and pressures | <p>Arterial pressure indices:</p> <table border="1" data-bbox="310 524 573 711"> <thead> <tr> <th>Location</th> <th>Pressure*</th> </tr> </thead> <tbody> <tr> <td>R brachial</td> <td>52</td> </tr> <tr> <td>R cavernosal</td> <td>44</td> </tr> <tr> <td>L brachial</td> <td>42</td> </tr> <tr> <td>L cavernosal</td> <td>33</td> </tr> </tbody> </table> <p>*Pressures are expressed in mm Hg</p> <p>Default</p> <p>Brachial pressures:</p> <table border="1" data-bbox="699 492 909 565"> <thead> <tr> <th></th> <th>Right</th> <th>Left</th> </tr> </thead> <tbody> <tr> <td>Systolic</td> <td>52</td> <td>42</td> </tr> </tbody> </table> <p>Arterial pressure indices:</p> <table border="1" data-bbox="699 605 961 711"> <thead> <tr> <th>Location</th> <th>Pressure*</th> </tr> </thead> <tbody> <tr> <td>R cavernosal</td> <td>44</td> </tr> <tr> <td>L cavernosal</td> <td>33</td> </tr> </tbody> </table> <p>*Pressures are expressed in mm Hg</p> <p>Configurable</p> | Location | Pressure* | R brachial | 52 | R cavernosal | 44 | L brachial | 42 | L cavernosal | 33 | | Right | Left | Systolic | 52 | 42 | Location | Pressure* | R cavernosal | 44 | L cavernosal | 33 | Not available | | | | | | | | | | | |
| Location | Pressure* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R brachial | 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R cavernosal | 44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L brachial | 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L cavernosal | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Right | Left | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Systolic | 52 | 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Location | Pressure* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R cavernosal | 44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L cavernosal | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18.UA Fistula PPG waveforms | <p>UA Fistula PPG Waveforms</p> <table border="1" data-bbox="300 857 646 1239"> <thead> <tr> <th>Location</th> <th>Baseline</th> <th>Compression</th> </tr> </thead> <tbody> <tr> <td>R Finger 1</td> <td>14</td> <td>24</td> </tr> <tr> <td>R Finger 2</td> <td>62</td> <td>15</td> </tr> <tr> <td>R Finger 3</td> <td>34</td> <td>47</td> </tr> <tr> <td>R Finger 4</td> <td>45</td> <td>74</td> </tr> <tr> <td>R Finger 5</td> <td>72</td> <td>55</td> </tr> <tr> <td>L Finger 1</td> <td>37</td> <td>24</td> </tr> <tr> <td>L Finger 2</td> <td>56</td> <td>88</td> </tr> <tr> <td>L Finger 3</td> <td>37</td> <td>54</td> </tr> <tr> <td>L Finger 4</td> <td>87</td> <td>14</td> </tr> <tr> <td>L Finger 5</td> <td>34</td> <td>37</td> </tr> </tbody> </table> <p>*Pressures are expressed in mm Hg</p> | Location | Baseline | Compression | R Finger 1 | 14 | 24 | R Finger 2 | 62 | 15 | R Finger 3 | 34 | 47 | R Finger 4 | 45 | 74 | R Finger 5 | 72 | 55 | L Finger 1 | 37 | 24 | L Finger 2 | 56 | 88 | L Finger 3 | 37 | 54 | L Finger 4 | 87 | 14 | L Finger 5 | 34 | 37 | Not available |
| Location | Baseline | Compression | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R Finger 1 | 14 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R Finger 2 | 62 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R Finger 3 | 34 | 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R Finger 4 | 45 | 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| R Finger 5 | 72 | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L Finger 1 | 37 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L Finger 2 | 56 | 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L Finger 3 | 37 | 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L Finger 4 | 87 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L Finger 5 | 34 | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



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