

**Approval Time  
Sorted by Interpreting Physician**

**Report Dates 9/8/2010 - 4/21/2011**

| Interpreting Physician | TOTAL     | 0          | 1          | 2 | 3          | 4 | 5 | 6 | 7          | 8          | 9 | 10+        |
|------------------------|-----------|------------|------------|---|------------|---|---|---|------------|------------|---|------------|
| Wayne K. Baker M.D.    | 4         |            |            |   | 1          |   |   |   | 2          | 1          |   |            |
| Phil White, M.D.       | 14        | 3          | 2          |   |            |   |   |   |            | 2          |   | 7          |
| James S White, M.D.    | 2         | 1          |            |   | 1          |   |   |   |            |            |   |            |
|                        | <b>20</b> | <b>4</b>   | <b>2</b>   |   | <b>2</b>   |   |   |   | <b>2</b>   | <b>3</b>   |   | <b>7</b>   |
|                        |           | <b>20%</b> | <b>10%</b> |   | <b>10%</b> |   |   |   | <b>10%</b> | <b>15%</b> |   | <b>35%</b> |

**Carotid Duplex Correlations  
Sorted By 'Location'**

**Report Dates 4/1/2010 - 4/21/2011**

| Patient Name<br>Med Rec No      | Angio ID<br>Reviewed By<br>Reviewed Date | Date      | ExamID<br>Interpreting MD<br>Technologist                 | Date      | Right                    | Left                     | Correlations |       |      | Gold Standard Based On                       |
|---------------------------------|--|-----------|---|-----------|--------------------------|--------------------------|--------------|-------|------|--|
|                                 |  |           |   |           | G/S Result<br>N/I Result | G/S Result<br>N/I Result | Good         | Total | %    | Comments                                     |
| <b>No Entry</b>                 |  |           |   |           |                          |                          |              |       |      |  |
| Jones, James Marion<br>10587133 | 1132<br>hansen<br>4/5/2010               | 4/27/2010 | 93322<br>Wayne K. Baker M.D.<br>Matella Morris, RDMS, RVT | 4/5/2010  | D+<br>D+                 | C<br>C                   | 2            | 2     | 100% |  |
| Jackson, Fred Lee<br>19005815   | 1141<br>edwards<br>4/28/2010             | 5/4/2010  | 94289<br>Matt Jones M.D.<br>Mark Morris, RVT              | 4/28/2010 | D+<br>D+                 | B<br>B                   | 2            | 2     | 100% | MRA  |
| Jones, Geraldine<br>19236609    | 1151<br>edwards<br>5/11/2010             | 5/11/2010 | 94733<br>Matt Jones M.D.<br>Scott Abott, RVT              | 5/11/2010 | D+<br>D+                 | D+<br>D+                 | 2            | 2     | 100% |  |
| Smith, Sandra Lou<br>19955166   | 1152<br>plonk<br>5/12/2010               | 5/12/2010 | 94581<br>Phil White, M.D.<br>Wendy VanDelay, RDMS, RVT    | 5/6/2010  |                          | D<br>D                   | 1            | 1     | 100% | symptomatic left ICA stenosis, cea performed |
| Jackson, Faye<br>14813013       | 1154<br>plonk<br>6/2/2010                | 6/2/2010  | 95184<br>Phil White, M.D.<br>Randy Jones, RVT             | 5/20/2010 | D+<br>D+                 | D                        | 1            | 1     | 100% | asym progression, surgery correlation        |
| Jackson, Laura Jane<br>14173020 | 1160<br>geary<br>5/1/2010                | 6/2/2010  | 94299<br>Wayne K. Baker M.D.<br>Sue Adams, RDMS           | 4/28/2010 | D<br>D                   |                          | 1            | 1     | 100% | post lt CEA, MRA done                        |
| Smith, Lee Edward<br>19598425   | 1169<br>hansen<br>6/18/2010              | 6/22/2010 | 96358<br>Wayne K. Baker M.D.<br>Mark Morris, RVT          | 6/17/2010 | D+<br>D+                 | A<br>B                   | 1            | 2     | 50%  |  |

**Carotid Duplex Correlations**  
**Sorted By 'Location'**

**Report Dates 4/1/2010 - 4/21/2011**

| <u>Patient Name</u><br><u>Med Rec No</u> | <u>Angio ID</u><br><u>Reviewed By</u><br><u>Reviewed Date</u> | <u>Date</u> | <u>ExamID</u><br><u>Interpreting MD</u><br><u>Technologist</u> | <u>Date</u> | <u>Right</u>      |                   | <u>Left</u>       |                   | <u>Correlations</u> |              |          | <u>Gold Standard Based On</u> |
|--|---|-------------|--|-------------|-------------------|-------------------|-------------------|-------------------|---------------------|--------------|----------|-------------------------------|
|  |   |             |  |             | <u>G/S Result</u> | <u>N/I Result</u> | <u>G/S Result</u> | <u>N/I Result</u> | <u>Good</u>         | <u>Total</u> | <u>%</u> | <u>Comments</u>               |
| Jackson, Joan<br>10254446                | 1195<br>edwards<br>7/8/2010                                   | 7/8/2010    | 95985<br>Matt Jones M.D.<br>Mark Morris, RVT                   | 6/9/2010    | D<br>D            |                   | E<br>E            |                   | 2<br>2              | 100%         |          | rt cea done                   |
| Jones, Phil<br>10831159                  | 1236<br><br>9/9/2010  | 9/1/2010    | 97334<br>Phil White, M.D.<br>Jack Johnson, RVT                 | 9/8/2010    | B<br>A            |                   | D<br>D            |                   | 2<br>2              | 100%         |          | angio<br>Phil is okay         |
| Jones, Floyd<br>529001                   | 11237<br>applegate<br>11/11/2010                              | 11/11/2010  | 197354<br>Phil White, M.D.<br>Jack Johnson, RVT                | 11/11/2010  | A<br>A            |                   |                   |                   | 1<br>1              | 100%         |          | angio                         |
| Jackson, Peggy<br>477482                 | 11239<br>dewe<br>4/7/2011                                     | 4/7/2011    | 197359<br>Phil White, M.D.<br>Jack Johnson, RVT                | 3/22/2011   | B<br>B            |                   | D<br>D            |                   | 2<br>2              | 100%         |          | CTA                           |

**Total Exam 11**

**Carotid Duplex Correlations  
Sorted By 'Technologist'**

**Report Dates 4/1/2010 - 4/21/2011**

**Technologist**

**No Entry**

| Correlation Matrix |        |   |   |    |    |   |
|--------------------|--------|---|---|----|----|---|
| Gold Std           | Duplex |   |   |    |    |   |
|                    | A      | B | C | D  | D+ | E |
| A                  | 1      |   |   |    |    |   |
| B                  |        | 6 |   |    |    |   |
| C                  |        |   | 3 |    |    |   |
| D                  |        |   |   | 16 |    |   |
| D+                 |        |   |   | 1  | 9  |   |
| E                  |        |   |   |    |    | 3 |

A: 1                      Sensitivity: 97.1%  
 B: 1                      Specificity: 100.0%  
 C: 0                      Pos. Predictive Value: 100.0%  
 D: 34                     Neg. Predictive Value: 50.0%  
 Total: 36                Overall Accuracy: 97.2%

**Jack Johnson, RVT**

| Correlation Matrix |        |   |   |   |    |   |
|--------------------|--------|---|---|---|----|---|
| Gold Std           | Duplex |   |   |   |    |   |
|                    | A      | B | C | D | D+ | E |
| A                  | 1      |   |   |   |    |   |
| B                  |        | 2 |   |   |    |   |
| C                  |        |   |   |   |    |   |
| D                  |        |   |   | 2 |    |   |
| D+                 |        |   |   |   |    |   |
| E                  |        |   |   |   |    |   |

A: 1                      Sensitivity: 100.0%  
 B: 0                      Specificity: 100.0%  
 C: 0                      Pos. Predictive Value: 100.0%  
 D: 4                      Neg. Predictive Value: 100.0%  
 Total: 5                Overall Accuracy: 100.0%

**Mark Morris, RVT**

| Correlation Matrix |        |   |   |   |    |   |
|--------------------|--------|---|---|---|----|---|
| Gold Std           | Duplex |   |   |   |    |   |
|                    | A      | B | C | D | D+ | E |
| A                  |        | 1 |   |   |    |   |
| B                  |        | 1 |   |   |    |   |
| C                  |        |   |   |   |    |   |
| D                  |        |   |   | 1 |    |   |
| D+                 |        |   |   |   | 2  |   |
| E                  |        |   |   |   |    | 1 |

A: 0                      Sensitivity: 100.0%  
 B: 0                      Specificity: 0.0%  
 C: 1                      Pos. Predictive Value: 80.0%  
 D: 4                      Neg. Predictive Value:  
 Total: 5                Overall Accuracy: 80.0%

**Carotid Duplex Correlations  
Sorted By 'Technologist'**

**Report Dates 4/1/2010 - 4/21/2011**

**Technologist**

**Matella Morris, RDMS, RVT**

| Correlation Matrix |        |   |          |   |          |   |
|--------------------|--------|---|----------|---|----------|---|
| Gold Std           | Duplex |   |          |   |          |   |
|                    | A      | B | C        | D | D+       | E |
| A                  |        |   |          |   |          |   |
| B                  |        |   |          |   |          |   |
| C                  |        |   | <b>1</b> |   |          |   |
| D                  |        |   |          |   |          |   |
| D+                 |        |   |          |   | <b>1</b> |   |
| E                  |        |   |          |   |          |   |

A: **0**                      Sensitivity: **100.0%**  
 B: **0**                      Specificity:  
 C: **0**                      Pos. Predictive Value: **100.0%**  
 D: **2**                      Neg. Predictive Value:  
 Total: **2**                   Overall Accuracy: **100.0%**

**Randy Jones, RVT**

| Correlation Matrix |        |   |   |   |          |   |
|--------------------|--------|---|---|---|----------|---|
| Gold Std           | Duplex |   |   |   |          |   |
|                    | A      | B | C | D | D+       | E |
| A                  |        |   |   |   |          |   |
| B                  |        |   |   |   |          |   |
| C                  |        |   |   |   |          |   |
| D                  |        |   |   |   |          |   |
| D+                 |        |   |   |   | <b>1</b> |   |
| E                  |        |   |   |   |          |   |

A: **0**                      Sensitivity: **100.0%**  
 B: **0**                      Specificity:  
 C: **0**                      Pos. Predictive Value: **100.0%**  
 D: **1**                      Neg. Predictive Value:  
 Total: **1**                   Overall Accuracy: **100.0%**

**Scott Abbott, RVT**

| Correlation Matrix |        |   |   |   |          |   |
|--------------------|--------|---|---|---|----------|---|
| Gold Std           | Duplex |   |   |   |          |   |
|                    | A      | B | C | D | D+       | E |
| A                  |        |   |   |   |          |   |
| B                  |        |   |   |   |          |   |
| C                  |        |   |   |   |          |   |
| D                  |        |   |   |   |          |   |
| D+                 |        |   |   |   | <b>2</b> |   |
| E                  |        |   |   |   |          |   |

A: **0**                      Sensitivity: **100.0%**  
 B: **0**                      Specificity:  
 C: **0**                      Pos. Predictive Value: **100.0%**  
 D: **2**                      Neg. Predictive Value:  
 Total: **2**                   Overall Accuracy: **100.0%**

**Carotid Duplex Correlations  
Sorted By 'Technologist'**

**Report Dates 4/1/2010 - 4/21/2011**

**Technologist**

**Sue Adams, RDMS**

| Correlation Matrix |        |   |   |          |    |   |
|--------------------|--------|---|---|----------|----|---|
| Gold Std           | Duplex |   |   |          |    |   |
|                    | A      | B | C | D        | D+ | E |
| A                  |        |   |   |          |    |   |
| B                  |        |   |   |          |    |   |
| C                  |        |   |   |          |    |   |
| D                  |        |   |   | <b>1</b> |    |   |
| D+                 |        |   |   |          |    |   |
| E                  |        |   |   |          |    |   |

A: **0**                      Sensitivity: **100.0%**  
 B: **0**                      Specificity:  
 C: **0**                      Pos. Predictive Value: **100.0%**  
 D: **1**                      Neg. Predictive Value:  
 Total: **1**                   Overall Accuracy: **100.0%**

**Wendy VanDelay, RDMS, RVT**

| Correlation Matrix |        |   |   |          |    |   |
|--------------------|--------|---|---|----------|----|---|
| Gold Std           | Duplex |   |   |          |    |   |
|                    | A      | B | C | D        | D+ | E |
| A                  |        |   |   |          |    |   |
| B                  |        |   |   |          |    |   |
| C                  |        |   |   |          |    |   |
| D                  |        |   |   | <b>1</b> |    |   |
| D+                 |        |   |   |          |    |   |
| E                  |        |   |   |          |    |   |

A: **0**                      Sensitivity: **100.0%**  
 B: **0**                      Specificity:  
 C: **0**                      Pos. Predictive Value: **100.0%**  
 D: **1**                      Neg. Predictive Value:  
 Total: **1**                   Overall Accuracy: **100.0%**

## Carotid Duplex Correlation

**07-Apr-11**

### Reference Exam

Ref. Exam: **197359**  
 Patient Name: **Jackson, Peggy**  
 Medical Record No: 477482  
 Interp. Physician: Phil White, M.D.  
 Technologist: Jack Johnson, RVT  
 Exam Date: 03/22/2011

|            | % Stenosis |        |
|------------|------------|--------|
|            | Right      | Left   |
| Prox CCA   | 0%         | 0%     |
| Mid CCA    | 0%         | 0%     |
| Distal CCA | 0%         | 0%     |
| Bulb       | 0%         | 0%     |
| Prox ICA   | 0%         | 60-79% |
| Mid ICA    | 1-39%      | 60-79% |
| Distal ICA | 0%         | 0%     |

Max: 1-39% 60-79%

Criteria Version 1

### Gold Standard Findings

AngioID: **11239**  
 Hospital: NCBH  
 Reviewed By: dewe  
 Gold Std Based On: CTA  
 Date: 4/7/2011

|            | Right | Left   |
|------------|-------|--------|
| Prox CCA   | 0%    | 0%     |
| Distal CCA | 0%    | 0%     |
| Bulb       | 0%    | 0%     |
| Prox ICA   | 1-39% | 60-79% |
| Mid ICA    | 0%    | 60-79% |
| Distal ICA | 0%    | 0%     |
| Max:       | 1-39% |        |

### Correlation Matrix

| Gold Std | Duplex |          |   |          |    |   |
|----------|--------|----------|---|----------|----|---|
|          | A      | B        | C | D        | D+ | E |
| A        |        |          |   |          |    |   |
| B        |        | <b>1</b> |   |          |    |   |
| C        |        |          |   |          |    |   |
| D        |        |          |   | <b>1</b> |    |   |
| D+       |        |          |   |          |    |   |
| E        |        |          |   |          |    |   |

Correlations: Total: 2 Good: 2 100% Good

### Patient History

AAA aneurysm repair

### Comments

Excellent correlation

| Interpreting Physician | Exam Name                        | Frequency | Avg Weekly |
|------------------------|----------------------------------|-----------|------------|
| James S White, M.D.    | Aneurysm Survey - LE             | 1         | 0          |
|                        | Venous Duplex - LE               | 1         | 0          |
|                        |                                  | 2         | 0          |
| Phil White, M.D.       | Ankle Brachial Index             | 2         | 0          |
|                        | Aorta Duplex                     | 4         | 0          |
|                        | Arterial Duplex                  | 1         | 0          |
|                        | Bypass Graft Duplex              | 3         | 0          |
|                        | Carotid Duplex                   | 4         | 0          |
|                        | Digits with Cold Water Immersion | 1         | 0          |
|                        | Echocardiogram                   | 1         | 0          |
|                        | Lower Ext. Arterial              | 2         | 0          |
|                        | Lower Ext. Duplex                | 1         | 0          |
|                        | Patient Assessment               | 1         | 0          |
|                        | Penile Blood Flow                | 1         | 0          |
|                        | Vascular Screening               | 1         | 0          |
|                        | Upper Ext. Arterial              | 1         | 0          |
|                        | Vein Mapping                     | 1         | 0          |
|                        | Venous Duplex - LE               | 1         | 0          |
|                        | Visceral Vascular                | 1         | 0          |
|                        | 26                               | 1         |            |
| Wayne K. Baker M.D.    | Dialysis Access Graft            | 1         | 0          |
|                        | Iliac Duplex                     | 1         | 0          |
|                        | Lower Ext. w/ Exercise           | 1         | 0          |
|                        | Lower Ext. Duplex                | 1         | 0          |
|                        | 4                                | 0         |            |
| <b>Grand Total:</b>    |                                  | 32        |            |



**Lower Extremity Doppler Correlations  
Sorted By 'Technologist'**

**Report Dates 4/1/2010 - 4/21/2011**

**Technologist**

**No Entry**

| Disease Location Matrix |        |             |         |     |          |
|-------------------------|--------|-------------|---------|-----|----------|
| Gold Std                | Duplex |             |         |     |          |
|                         | Normal | Aorto-Iliac | Fem-Pop | Tri | Multiple |
| Normal                  | 26     |             |         |     |          |
| Aorto-Iliac             | 1      | 25          |         |     |          |
| Fem-Pop                 |        |             | 31      |     | 2        |
| Tri                     |        |             |         | 18  | 2        |
| Multiple                |        |             | 1       |     | 31       |

A: 26                      Sensitivity: 98.1%  
 B: 2                        Specificity: 86.7%  
 C: 4                      Pos. Predictive Value: 96.3%  
 D: 105                    Neg. Predictive Value: 92.9%  
 Total: 137                Overall Accuracy: 95.6%

| Severity Matrix |        |      |          |        |             |
|-----------------|--------|------|----------|--------|-------------|
| Gold Std        | Duplex |      |          |        |             |
|                 | Normal | Mild | Moderate | Severe | Tissue Loss |
| Normal          | 25     |      |          |        |             |
| Mild            |        | 2    |          |        |             |
| Moderate        | 2      |      | 9        |        |             |
| Severe          |        |      | 2        | 90     |             |
| Tissue Loss     |        |      |          |        | 6           |

A: 25                      Sensitivity: 96.4%  
 B: 4                        Specificity: 100.0%  
 C: 0                      Pos. Predictive Value: 100.0%  
 D: 107                    Neg. Predictive Value: 86.2%  
 Total: 136                Overall Accuracy: 97.1%

**Peter Brown, RVT**

| Disease Location Matrix |        |             |         |     |          |
|-------------------------|--------|-------------|---------|-----|----------|
| Gold Std                | Duplex |             |         |     |          |
|                         | Normal | Aorto-Iliac | Fem-Pop | Tri | Multiple |
| Normal                  |        |             |         |     |          |
| Aorto-Iliac             |        | 2           |         |     |          |
| Fem-Pop                 |        |             | 1       |     |          |
| Tri                     |        |             |         |     |          |
| Multiple                |        |             |         |     |          |

A: 0                        Sensitivity: 100.0%  
 B: 0                        Specificity:  
 C: 0                      Pos. Predictive Value: 100.0%  
 D: 3                      Neg. Predictive Value:  
 Total: 3                   Overall Accuracy: 100.0%

| Severity Matrix |        |      |          |        |             |
|-----------------|--------|------|----------|--------|-------------|
| Gold Std        | Duplex |      |          |        |             |
|                 | Normal | Mild | Moderate | Severe | Tissue Loss |
| Normal          |        |      |          |        |             |
| Mild            |        |      |          |        |             |
| Moderate        |        |      | 1        |        |             |
| Severe          |        |      |          | 2      |             |
| Tissue Loss     |        |      |          |        |             |

A: 0                        Sensitivity: 100.0%  
 B: 0                        Specificity:  
 C: 0                      Pos. Predictive Value: 100.0%  
 D: 3                      Neg. Predictive Value:  
 Total: 3                   Overall Accuracy: 100.0%

**Randy Jones, RVT**

| Disease Location Matrix |        |             |         |     |          |
|-------------------------|--------|-------------|---------|-----|----------|
| Gold Std                | Duplex |             |         |     |          |
|                         | Normal | Aorto-Iliac | Fem-Pop | Tri | Multiple |
| Normal                  |        |             |         |     |          |
| Aorto-Iliac             |        |             |         |     |          |
| Fem-Pop                 |        |             |         |     |          |
| Tri                     |        |             |         |     |          |
| Multiple                |        |             |         |     |          |

A: 0                        Sensitivity:  
 B: 0                        Specificity:  
 C: 0                      Pos. Predictive Value:  
 D: 0                      Neg. Predictive Value:  
 Total: 0                   Overall Accuracy:

| Severity Matrix |        |      |          |        |             |
|-----------------|--------|------|----------|--------|-------------|
| Gold Std        | Duplex |      |          |        |             |
|                 | Normal | Mild | Moderate | Severe | Tissue Loss |
| Normal          |        |      |          |        |             |
| Mild            |        |      |          |        |             |
| Moderate        |        |      |          |        |             |
| Severe          |        |      |          |        |             |
| Tissue Loss     |        |      |          |        |             |

A: 0                        Sensitivity:  
 B: 0                        Specificity:  
 C: 0                      Pos. Predictive Value:  
 D: 0                      Neg. Predictive Value:  
 Total: 0                   Overall Accuracy:

## Lower Extremity Doppler Correlation

**16-Apr-10**

### Reference Exam

Ref. Exam: **93416**  
 Patient Name: **Smith, Eloise**  
 Medical Record No: 12634034  
 Interp. Physician: Wayne K. Baker M.D.  
 Technologist: Peter Brown, RVT  
 Exam Date: 04/07/2010

### Segmental Pressures

|              | Segmental Pressures |       |       |       |
|--------------|---------------------|-------|-------|-------|
|              | Right               |       | Left  |       |
|              | Press               | Ratio | Press | Ratio |
| Brachial     | 167                 | 1.00  |       |       |
| High Thigh   | 143                 | 0.86  | 175   | 1.05  |
| Low Thigh    |                     |       |       |       |
| Calf (POP)   | 130                 | 0.78  | 157   | 0.94  |
| Dor. Pedis   | 114                 | 0.68  | 81    | 0.49  |
| Post. Tibial | 118                 | 0.71  | 139   | 0.83  |
| Peroneal     |                     |       |       |       |

Location: Femoro-popliteal  
 Severity: Severe

### Gold Standard Findings

AngioID: **L568**  
 Hospital: NCBH  
 Reviewed By: godshall  
 Date: 4/12/2010  
 Gold Std Based On: Angio

Right                      Left

Location: Femoro-popliteal  
 Severity: Severe

### Disease Location Matrix

| Gold Std    | Duplex |             |          |     |          |
|-------------|--------|-------------|----------|-----|----------|
|             | Normal | Aorto-Iliac | Fem-Pop  | Tri | Multiple |
| Normal      |        |             |          |     |          |
| Aorto-Iliac |        |             |          |     |          |
| Fem-Pop     |        |             | <b>1</b> |     |          |
| Tri         |        |             |          |     |          |
| Multiple    |        |             |          |     |          |

Correlations: Total: 1                      Good: 1                      100% Good

### Severity Matrix

| Gold Std    | Duplex |      |          |          |             |
|-------------|--------|------|----------|----------|-------------|
|             | Normal | Mild | Moderate | Severe   | Tissue Loss |
| Normal      |        |      |          |          |             |
| Mild        |        |      |          |          |             |
| Moderate    |        |      |          |          |             |
| Severe      |        |      |          | <b>1</b> |             |
| Tissue Loss |        |      |          |          |             |

Correlations: Total: 1                      Good: 1                      100% Good

### Patient History

### Comments

rt leg angio only (co2)

**Lower Extremity Venous Correlations  
Sorted By 'Technologist'**

**Report Dates 4/1/2010 - 4/21/2011**

**Technologist**

**Jack Johnson, RVT**

| <b>Correlation Matrix</b> |               |       |              |
|---------------------------|---------------|-------|--------------|
| <b>Gold Std</b>           | <b>Duplex</b> |       |              |
|                           | Normal        | + DVT | + S Thrombus |
| Normal                    | <b>2</b>      |       |              |
| + DVT                     |               |       |              |
| + S Thrombus              |               |       |              |

|        |          |                        |               |
|--------|----------|------------------------|---------------|
| A:     | <b>2</b> | Sensitivity:           |               |
| B:     | <b>0</b> | Specificity:           | <b>100.0%</b> |
| C:     | <b>0</b> | Pos. Predictive Value: |               |
| D:     | <b>0</b> | Neg. Predictive Value: | <b>100.0%</b> |
| Total: | <b>2</b> | Overall Accuracy:      | <b>100.0%</b> |

**Mark Morris, RVT**

| <b>Correlation Matrix</b> |               |          |              |
|---------------------------|---------------|----------|--------------|
| <b>Gold Std</b>           | <b>Duplex</b> |          |              |
|                           | Normal        | + DVT    | + S Thrombus |
| Normal                    | <b>1</b>      | <b>1</b> |              |
| + DVT                     | <b>1</b>      |          |              |
| + S Thrombus              | <b>1</b>      |          |              |

|        |          |                        |              |
|--------|----------|------------------------|--------------|
| A:     | <b>1</b> | Sensitivity:           | <b>0.0%</b>  |
| B:     | <b>2</b> | Specificity:           | <b>50.0%</b> |
| C:     | <b>1</b> | Pos. Predictive Value: | <b>0.0%</b>  |
| D:     | <b>0</b> | Neg. Predictive Value: | <b>33.3%</b> |
| Total: | <b>4</b> | Overall Accuracy:      | <b>25.0%</b> |

## Lower Extremity Venous Correlation

**09-Sep-10**

### Reference Exam

Ref. Exam: **97326**  
 Patient Name: **Jones, Caryl Elizabeth**  
 Medical Record No: 10135556  
 Interp. Physician: Wayne K. Baker M.D.  
 Technologist: Mark Morris, RVT  
 Exam Date: 08/29/2010

|                               |                                     |                          |
|-------------------------------|-------------------------------------|--------------------------|
|                               | Right                               | Left                     |
| <b>Positive Duplex Scan *</b> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <b>Acute DVT *</b>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| <b>Chronic Disease *</b>      | <input type="checkbox"/>            | <input type="checkbox"/> |
| <b>Venous Insufficiency *</b> | <input type="checkbox"/>            | <input type="checkbox"/> |

\*Based on Exam Data

|  |                          |                          |
|--|--------------------------|--------------------------|
| Follow-up of Positive Duplex Scan      | <input type="checkbox"/> | <input type="checkbox"/> |
| Follow-up of Negative Duplex Scan      | <input type="checkbox"/> | <input type="checkbox"/> |
| Documented Resolution of Thrombus      | <input type="checkbox"/> | <input type="checkbox"/> |
| Development of Insufficiency           | <input type="checkbox"/> | <input type="checkbox"/> |
| Progression of DVT following Treatment | <input type="checkbox"/> | <input type="checkbox"/> |

|           |        |        |
|-----------|--------|--------|
|           | Right  | Left   |
| Findings: | Normal | Normal |

### Gold Standard Findings

AngioID: **1229**  
 Hospital: NCBH  
 Reviewed By: dewe  
 Gold Std Based On: Tech Rescan  
 Date: 9/10/2010

|           |              |              |
|-----------|--------------|--------------|
|           | <u>Right</u> | <u>Left</u>  |
| Findings: | Normal       | + S Thrombus |

### Correlation Matrix

| Gold Std     | Duplex   |       |              |
|--------------|----------|-------|--------------|
|              | Normal   | + DVT | + S Thrombus |
| Normal       | <b>1</b> |       |              |
| + DVT        |          |       |              |
| + S Thrombus | <b>1</b> |       |              |

Correlations: Total: 2      Good: 1      50% Good

### Patient History

### Comments

Tech RLY did not find GSV thrombosis in distal calf area.

**Patient Log****Report Dates 9/8/2010 - 4/21/2011**

| <u>Date</u> | <u>Start Time</u> | <u>Med Rec No</u> | <u>Patient Name</u>    | <u>ExamName</u>            | <u>ExamID</u> | <u>Referring MD</u> | <u>Interpreting MD</u> | <u>Technologist</u> | <u>Primary Diagnosis</u>        |
|-------------|-------------------|-------------------|------------------------|----------------------------|---------------|---------------------|------------------------|---------------------|---------------------------------|
| 9/8/2010    | 9:58 PM           | 10831159          | Jones, Phil            | Aneurysm Survey - LE       | 97329         | Jackson, Hollins    | James S White, M.      | Matella Morris,     | Abdominal aneurysm -ruptured    |
|             | 10:06 PM          | 10831159          | Jones, Phil            | Ankle Brachial Index       | 97330         | Jackson, Hollins    | Phil White, M.D.       | Jack Johnson,       | Periph vasc. anamoly-other spe  |
|             | 10:11 PM          | 10831159          | Jones, Phil            | Aorta Duplex               | 97331         | Jackson, Hollins    | Phil White, M.D.       | Jack Johnson,       | Abdominal aneurysm -ruptured    |
|             | 10:13 PM          | 10831159          | Jones, Phil            | Arterial Duplex            | 97332         | Jackson, Hollins    | Phil White, M.D.       | Jack Johnson,       | Periph vasc. anamoly-other spe  |
|             | 10:13 PM          | 10831159          | Jones, Phil            | Bypass Graft Duplex        | 97333         | Jackson, Hollins    | Phil White, M.D.       | Jack Johnson,       |                                 |
|             | 10:19 PM          | 10831159          | Jones, Phil            | Carotid Duplex             | 97334         | Jackson, Hollins    | Phil White, M.D.       | Jack Johnson,       | Carotid Stenosis/Occl w/CVA     |
|             | 10:24 PM          | 10831159          | Jones, Phil            | Dialysis Access Graft      | 97335         | Jackson, Hollins    | Wayne K. Baker M.      | Jack Johnson,       | Pain in limb                    |
|             | 10:26 PM          | 10831159          | Jones, Phil            | Digits with Cold Water Imm | 97336         | Jackson, Hollins    | Phil White, M.D.       | Jack Johnson,       | Pain in limb                    |
|             | 10:30 PM          | 10831159          | Jones, Phil            | Iliac Duplex               | 97338         | Jackson, Hollins    | Wayne K. Baker M.      | Jack Johnson,       |                                 |
| 9/9/2010    | 6:28 AM           | 10831159          | Jones, Phil            | Lower Ext. Duplex          | 97340         | Jackson, Hollins    | Wayne K. Baker M.      | Jack Johnson,       | Periph vasc. anamoly-unspecifie |
|             | 6:36 AM           | 10831159          | Jones, Phil            | Lower Ext. w/ Exercise     | 97341         | Jackson, Hollins    | Wayne K. Baker M.      | Jack Johnson,       | Right Periph vasc. anamoly-othe |
|             | 6:47 AM           | 10831159          | Jones, Phil            | Vein Mapping               | 97343         | Jackson, Hollins    | Phil White, M.D.       | Jack Johnson,       | Edema                           |
|             | 11:06 AM          | 10831159          | Jones, Phil            | Venous Duplex - LE         | 97344         | Jackson, Hollins    | Phil White, M.D.       | Jack Johnson,       | Edema                           |
| 9/22/2010   | 9:15 AM           | 10831159          | Jones, Phil            | Lower Ext. Arterial        | 97345         | Jackson, Hollins    | Phil White, M.D.       | Jack Johnson,       | Rest Pain                       |
|             | 10:38 AM          | 10831159          | Jones, Phil            | Bypass Graft Duplex        | 97347         | Jackson, Hollins    | Phil White, M.D.       | Jack Johnson,       |                                 |
|             | 12:42 PM          | 10831159          | Jones, Phil            | Venous Duplex - LE         | 97348         | Jackson, Hollins    | James S White, M.      | Jack Johnson,       | Edema                           |
|             | 1:42 PM           | 10831159          | Jones, Phil            | Penile Blood Flow          | 97349         | Jackson, Hollins    | Phil White, M.D.       | Jack Johnson,       |                                 |
|             | 1:44 PM           | 10831159          | Jones, Phil            | Patient Assessment         | 97350         | Jackson, Hollins    | Phil White, M.D.       | Jack Johnson,       |                                 |
| 11/11/2010  | 9:56 AM           | 13102697          | Smith, Cynthia Fern    | Aorta Duplex               | 97351         |                     | Phil White, M.D.       | Jack Johnson,       |                                 |
|             | 10:50 AM          | 529849            | Jones, William         | Aorta Duplex               | 197353        | Johnson, Saihari    | Phil White, M.D.       | Jack Johnson,       |                                 |
|             | 10:52 AM          | 529001            | Jones, Floyd           | Carotid Duplex             | 197354        | Johnson, Donald     | Phil White, M.D.       | Jack Johnson,       |                                 |
| 3/22/2011   | 9:46 AM           | 10002032          | Jones, William Ira III | Carotid Duplex             | 197358        | Baker, Karen        | Phil White, M.D.       | Jack Johnson,       | Amaurosis Fugax                 |
|             | 3:30 PM           | 477482            | Jackson, Peggy         | Carotid Duplex             | 197359        | Baker, Referring    | Phil White, M.D.       | Jack Johnson,       | Amaurosis Fugax                 |

**Patient Log****Report Dates 9/8/2010 - 4/21/2011**

| <u>Date</u> | <u>Start Time</u> | <u>Med Rec No</u> | <u>Patient Name</u> | <u>ExamName</u>      | <u>ExamID</u> | <u>Referring MD</u> | <u>Interpreting MD</u> | <u>Technologist</u> | <u>Primary Diagnosis</u>          |
|-------------|-------------------|-------------------|---------------------|----------------------|---------------|---------------------|------------------------|---------------------|-----------------------------------|
| 3/28/2011   | 7:21 PM           | 477482            | Jackson, Peggy      | Ankle Brachial Index | 197360        | Baker, Referring    | Phil White, M.D.       | Jack Johnson,       | Periph vasc. anamoly-other spe    |
|             | 7:24 PM           | 477482            | Jackson, Peggy      | Aorta Duplex         | 197361        | Baker, Referring    | Phil White, M.D.       | Jack Johnson,       | Abdominal aneurysm, non-ruptu     |
| 4/4/2011    | 4:24 PM           | 477482            | Jackson, Peggy      | Lower Ext. Arterial  | 197362        | Baker, Referring    | Phil White, M.D.       | Jack Johnson,       | Intermittent Claudication         |
| 4/8/2011    | 10:29 PM          | 10831159          | Jones, Phil         | Echocardiogram       | 97337         | Baker, Referring    | Phil White, M.D.       | Jack Johnson,       | Abnormal lung scan                |
| 4/11/2011   | 12:14 PM          | 477482            | Jackson, Peggy      | Upper Ext. Arterial  | 197364        | Baker, Robert       | Phil White, M.D.       | Jack Johnson,       | Periph vasc. anamoly-other spe    |
|             | 2:08 PM           | 477482            | Jackson, Peggy      | Bypass Graft Duplex  | 197365        | Baker, Referring    | Phil White, M.D.       | Jack Johnson,       | Atherosclerosis of LE with ulcera |
|             | 2:36 PM           | 477482            | Jackson, Peggy      | Lower Ext. Duplex    | 197366        | Baker, Referring    | Phil White, M.D.       | Jack Johnson,       | Arterial disease due to diabetes  |
|             | 2:59 PM           | 477482            | Jackson, Peggy      | Vascular Screening   | 197367        | Baker, Referring    | Phil White, M.D.       | Jack Johnson,       | CVA                               |
| 4/21/2011   | 9:46 AM           | 13777425          | Smith, Linda        | Visceral Vascular    | 197373        | Smith, Paul         | Phil White, M.D.       | Jack Johnson,       | Periph vasc. anamoly-other spe    |

**Total Exams 32**