

Date: 04/18/13  
Time: 0326

Lodi Memorial Hospital Laboratory Summary

975 South Fairmont Avenue Lodi, California 95240  
Elvira Milano, MD, et al - Director (209) 339-7584

|                             |                  |                      |                                    |
|-----------------------------|------------------|----------------------|------------------------------------|
| Name: PARVIN, MARY JEAN     | Acct: V024552879 | Status: DIS INo      | Attend Dr: Law, Jeremy P MD - HOSP |
| DOB: 03/16/43 Age/Sex: 70/F | Unit: M053082    | Registered: 04/14/13 | Room-Bed: 267-A                    |

\*\*\* HEMATOLOGY \*\*\*

| Date<br>Time   | 4/16/2013<br>0541 | 4/15/2013<br>0538 | 4/14/2013<br>0842 | Reference   | Units |
|----------------|-------------------|-------------------|-------------------|-------------|-------|
| WBC            | 9.3               | 7.0               | 7.0               | (5.0-9.5)   | K/mm3 |
| RBC            | 4.47              | 4.38              | 5.05              | (3.70-5.50) | M/uL  |
| HGB            | 13.6              | 13.4              | 15.3              | (12.0-16.0) | g/dL  |
| HCT            | 40.6              | 39.6              | 45.8              | (37.0-47.0) | %     |
| MCV            | 90.8              | 90.5              | 90.8              | (80.0-99.0) | fL    |
| MCH            | 30.4              | 30.6              | 30.4              | (27.0-33.0) | pg    |
| MCHC           | 33.4              | 33.8              | 33.5              | (31.8-36.2) | g/dL  |
| RDW            | 16.7 H            | 16.0              | 17.3 H            | (10.0-16.4) | %     |
| PLATELET COUNT | 219               | 221               | 234               | (140-450)   | K/mm3 |
| MPV            | 9.5               | 9.2               | 8.7               | (7.5-10.5)  | fL    |
| PMNS           | 59.3              | 59.7              | 64.8              | (37-80)     | %     |
| LYMPHOCYTES    | 24.4              | 23.0              | 21.5              | (10.0-50.0) | %     |
| MONOCYTES      | 11.0              | 10.5              | 8.1               | (<12.0)     | %     |
| EOSINOPHILS    | 4.2               | 5.7               | 4.3               | (<7.0)      | %     |
| BASOPHIL       | 1.0               | 1.1               | 1.4               | (<2.5)      | %     |
| ABS PMNS       | 4.89              | 4.18              | 4.51              | (2.40-7.56) | K/uL  |
| ABS LYMPHS     | 2.01              | 1.61              | 1.50              | (0.96-4.75) | K/uL  |
| ABS MONOS      | 0.91              | 0.74              | 0.56              | (0.10-1.00) | K/uL  |
| ABS EOS        | 0.35              | 0.40              | 0.30              | (0.00-0.45) | K/uL  |
| ABS BASOS      | 0.09              | 0.08              | 0.10              | (0.00-0.20) | K/uL  |

\*\*\* BEDSIDE TESTING \*\*\*

| Date<br>Time     | 4/17/2013<br>0624 | -----4/16/2013-----<br>2111 | 1719  | -----4/15/2013-----<br>2149 | 1752  | Reference | Units |
|------------------|-------------------|-----------------------------|-------|-----------------------------|-------|-----------|-------|
| ACCUCHEK GLUCOSE | 121 H             | 156 H                       | 244 H | 220 H                       | 160 H | (70-110)  | mg/dL |

| Date<br>Time     | -----4/14/2013-----<br>2111 | 1758  | 1729  | 1341  | 1251  | Reference | Units |
|------------------|-----------------------------|-------|-------|-------|-------|-----------|-------|
| ACCUCHEK GLUCOSE | 152 H                       | 317 H | 419 H | 365 H | 370 H | (70-110)  | mg/dL |

| Date<br>Time     | 4/14/2013<br>1125 | Reference | Units |
|------------------|-------------------|-----------|-------|
| ACCUCHEK GLUCOSE | 379 H             | (70-110)  | mg/dL |

\*\*\* CHEMISTRY \*\*\*

| Date<br>Time   | -----4/16/2013-----<br>0541 | 0541   | -----4/15/2013-----<br>0538 | 0538   | 4/14/2013<br>1206 | Reference   | Units  |
|----------------|-----------------------------|--------|-----------------------------|--------|-------------------|-------------|--------|
| SODIUM         |                             | 140    |                             | 141    |                   | (134-143)   | mmol/L |
| POTASSIUM      |                             | 4.3    |                             | 4.2    |                   | (3.6-5.1)   | mmol/L |
| CHLORIDE       |                             | 109 H  |                             | 111 H  |                   | (98-107)    | mmol/L |
| CARBON DIOXIDE |                             | 27     |                             | 26     |                   | (22-32)     | mmol/L |
| GLUCOSE        |                             | 115 H  |                             | 59 L   |                   | (70-110)    | mg/dL  |
| BUN            |                             | 46 H   |                             | 37 H   |                   | (8-21)      | mg/dL  |
| CREATININE     |                             | 2.06 H |                             | 1.79 H |                   | (0.44-1.03) | mg/dL  |

|                         |               |                  |                 |                 |
|-------------------------|---------------|------------------|-----------------|-----------------|
| Name: PARVIN, MARY JEAN | Unit: M053082 | Acct: V024552879 | Status: DIS INo | Room-Bed: 267-A |
|-------------------------|---------------|------------------|-----------------|-----------------|

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Name: PARVIN, MARY JEAN Unit: M053082 Acct: V024552879 Room-Bed: 267-A (Continued)

\*\*\* CHEMISTRY (con't) \*\*\*

| Date            | -----4/16/2013----- |          | -----4/15/2013----- |          | 4/14/2013 | Reference  | Units |
|-----------------|---------------------|----------|---------------------|----------|-----------|------------|-------|
| Time            | 0541                | 0541     | 0538                | 0538     | 1206      |            |       |
| BUN/CREAT RATIO |                     | 22.3 H   |                     | 20.7 H   |           | (6.0-20.0) |       |
| GFR             |                     | 23.8 (A) |                     | 28.0 (A) |           |            |       |

(A) Estimated GFR in ml/min/1.73 square meters. Rates of less than 60 are suggestive of Chronic Kidney Disease.

|                 |  |          |  |       |          |             |       |
|-----------------|--|----------|--|-------|----------|-------------|-------|
| CALCIUM         |  | 8.2 L    |  | 8.4 L |          | (8.9-10.3)  | mg/dL |
| ALBUMIN         |  | 2.5 L    |  |       |          | (3.5-4.8)   | g/dL  |
| TOTAL PROTEIN   |  | 5.0 L    |  |       |          | (6.1-7.9)   | g/dL  |
| GLOBULIN        |  | 2.5      |  |       |          | (2.0-3.8)   | gm/dL |
| ALB/GLOB RATIO  |  | 1.0 L    |  |       |          | (1.2-2.5)   |       |
| PHOSPHOROUS     |  |          |  | 4.0   |          | (2.4-4.7)   | mg/dL |
| MAGNESIUM       |  |          |  | 2.0   |          | (1.6-2.4)   | mg/dL |
| BILI, TOTAL     |  | 0.5      |  |       |          | (0.1-2.0)   | mg/dL |
| ALK PHOSPHATASE |  | 78       |  |       |          | (38-126)    | IU/L  |
| ALT/SGPT        |  | 12 L     |  |       |          | (14-54)     | IU/L  |
| SGOT/AST        |  | 16       |  |       |          | (15-41)     | IU/L  |
| CPK             |  | 124      |  |       |          | (38-234)    | IU/L  |
| TROP            |  | 0.01 (B) |  |       | 0.06 (B) | (0.01-0.06) | ng/mL |

(B) TROPONIN-I RANGES

Result Interpretation

0.0-0.06 ng/mL Apparently healthy individual  
Above 0.49 ng/mL Strongly suggests myocardial infarction

It is recommended to look for increases in Troponin I levels over 6 to 8 hour intervals.

Any condition resulting in myocardial cell damage can potentially increase cardiac Troponin-I levels above the expected values. Clinical studies have documented these conditions to include unstable angina, congestive heart failure, myocarditis, invasive testing, and cardiac surgery.

|     |  |  |  |            |  |         |       |
|-----|--|--|--|------------|--|---------|-------|
| BNP |  |  |  | 1844 (C) H |  | (< 176) | pg/mL |
|-----|--|--|--|------------|--|---------|-------|

(C) Congestive Heart Failure Severity Classification

| CLASS        | BNP UPPER LIMIT |
|--------------|-----------------|
| NYHA Class 1 | 176 pg/mL       |
| NYHA Class 2 | 396 pg/mL       |
| NYHA Class 3 | 678 pg/mL       |
| NYHA Class 4 | 977 pg/mL       |

Please use BNP results in conjunction with other diagnostic information. This test is approved by the FDA for the diagnosis of all degrees of CHF severity including asymptomatic patients.

| Date      | -----4/14/2013----- |      |      | Reference | Units  |
|-----------|---------------------|------|------|-----------|--------|
| Time      | 0842                | 0842 | 0842 |           |        |
| SODIUM    |                     |      | 139  | (134-143) | mmol/L |
| POTASSIUM |                     |      | 4.3  | (3.6-5.1) | mmol/L |
| CHLORIDE  |                     |      | 103  | (98-107)  | mmol/L |

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\*\*\* CHEMISTRY (con't) \*\*\*

| Date                | Time    | Reference   | Units  |
|---------------------|---------|-------------|--------|
| -----4/14/2013----- |         |             |        |
| 0842                | 0842    |             |        |
| 0842                |         |             |        |
| CARBON DIOXIDE      | 25      |             |        |
| GLUCOSE             | 362 H   | (22-32)     | mmol/L |
| BUN                 | 35 H    | (70-110)    | mg/dL  |
| CREATININE          | 1.64 H  | (8-21)      | mg/dL  |
| BUN/CREAT RATIO     | 21.3 H  | (0.44-1.03) | mg/dL  |
| GFR                 | 31.0(D) | (6.0-20.0)  |        |

(D) Estimated GFR in ml/min/1.73 square meters. Rates of less than 60 are suggestive of Chronic Kidney Disease.

|                 |           |             |       |
|-----------------|-----------|-------------|-------|
| CALCIUM         | 9.2       |             |       |
| ALBUMIN         | 3.2 L     | (8.9-10.3)  | mg/dL |
| TOTAL PROTEIN   | 5.8 L     | (3.5-4.8)   | g/dL  |
| GLOBULIN        | 2.6       | (6.1-7.9)   | g/dL  |
| ALB/GLOB RATIO  | 1.2       | (2.0-3.8)   | gm/dL |
| BILI, TOTAL     | 1.1       | (1.2-2.5)   |       |
| ALK PHOSPHATASE | 99        | (0.1-2.0)   | mg/dL |
| ALT/SGPT        | 15        | (38-126)    | IU/L  |
| SGOT/AST        | 16        | (14-54)     | IU/L  |
| CPK             | 165       | (15-41)     | IU/L  |
| TROP            | 0.09(E) H | (38-234)    | IU/L  |
|                 |           | (0.01-0.06) | ng/mL |

(E) TROPONIN-I RANGES

Result Interpretation

0.0-0.06 ng/mL Apparently healthy individual  
Above 0.49 ng/mL Strongly suggests myocardial infarction

It is recommended to look for increases in Troponin I levels over 6 to 8 hour intervals.

Any condition resulting in myocardial cell damage can potentially increase cardiac Troponin-I levels above the expected values. Clinical studies have documented these conditions to include unstable angina, congestive heart failure, myocarditis, invasive testing, and cardiac surgery.

|     |           |       |       |
|-----|-----------|-------|-------|
| BNP | 1925(F) H | < 176 | pg/mL |
|-----|-----------|-------|-------|

(F) Congestive Heart Failure Severity Classification

| CLASS        | BNP UPPER LIMIT |
|--------------|-----------------|
| NYHA Class 1 | 176 pg/mL       |
| NYHA Class 2 | 396 pg/mL       |
| NYHA Class 3 | 678 pg/mL       |
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Please use BNP results in conjunction with other diagnostic information. This test is approved by the FDA for the diagnosis of all degrees of CHF severity including asymptomatic patients.

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