

Date: 07/10/13  
Time: 0011

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: V024774473	Status: DIS INO	Attend Dr: Sorour, David MD - HOSP
DOB: 03/16/43 Age/Sex: 70/F	Unit: M053082	Registered: 06/27/13	Room-Bed: ERHOLD-20

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

Date	6/29/2013	6/28/2013	6/27/2013	Reference	Units
Time	0653	0349	1345		
WBC	5.4	5.5	7.3	(5.0-9.5)	K/mm3
RBC	4.22	4.07	3.97	(3.70-5.50)	M/uL
HGB	12.7	12.1	12.0	(12.0-16.0)	g/dL
HCT	37.9	36.7 L	35.8 L	(37.0-47.0)	%
MCV	89.8	90.1	90.2	(80.0-99.0)	fL
MCH	30.2	29.8	30.2	(27.0-33.0)	pg
MCHC	33.6	33.0	33.5	(31.8-36.2)	g/dL
RDW	16.3	17.1 H	15.0	(10.0-16.4)	%
PLATELET COUNT	169	163	183	(140-450)	K/mm3
MPV	10.7 H	9.7	9.2	(7.5-10.5)	fL
PMNS	47.3	39.1	57.9	(37-80)	%
LYMPHOCYTES	37.8	45.7	27.9	(10.0-50.0)	%
MONOCYTES	8.6	8.3	9.9	(<12.0)	%
EOSINOPHILS	5.3	5.8	3.2	(<7.0)	%
BASOPHIL	0.9	1.2	1.1	(<2.5)	%
ABS PMNS	2.57	2.16 L	4.23	(2.40-7.56)	K/uL
ABS LYMPHS	2.06	2.52	2.04	(0.96-4.75)	K/uL
ABS MONOS	0.47	0.46	0.72	(0.10-1.00)	K/uL
ABS EOS	0.29	0.32	0.24	(0.00-0.45)	K/uL
ABS BASOS	0.05	0.06	0.08	(0.00-0.20)	K/uL

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

Date	-----6/27/2013-----		Reference	Units
Time	1639	1447		
ACCUCHEK GLUCOSE	107	55 L	(70-110)	mg/dL

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

Date	6/29/2013	-----6/28/2013-----	-----6/27/2013-----	Reference	Units
Time	0653	0350	0349 1943 1345		
SODIUM	136		137	(134-143)	mmol/L
POTASSIUM	4.2		3.5 L	(3.6-5.1)	mmol/L
CHLORIDE	96 L		98	(98-107)	mmol/L
CARBON DIOXIDE	31		32	(22-32)	mmol/L
GLUCOSE	283 H		166 H	(70-110)	mg/dL
BUN	78 H		73 H	(8-21)	mg/dL
CREATININE	2.38 H		2.44 H	(0.44-1.03)	mg/dL
BUN/CREAT RATIO	32.8 H			(6.0-20.0)	
GFR	20.2(A)		19.6(A)		

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

CALCIUM	8.5 L		8.8 L	(8.9-10.3)	mg/dL	
ALBUMIN			2.8 L	(3.5-4.8)	g/dL	
PHOSPHOROUS			4.9 H	(2.4-4.7)	mg/dL	
MAGNESIUM			2.1	(1.6-2.4)	mg/dL	
CPK		158		166	(38-234)	IU/L

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

Date	6/29/2013	-----6/28/2013-----	-----6/27/2013-----	Reference	Units
Time	0653	0350	0349	1943	1345
TROP		0.08 (B) H		0.09 (B) H	(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				682 (C) H	(< 176) pg/mL
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(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	-----6/27/2013-----	Reference	Units
Time	1345	1345	
SODIUM	139	(134-143)	mmol/L
POTASSIUM	3.5 L	(3.6-5.1)	mmol/L
CHLORIDE	100	(98-107)	mmol/L
CARBON DIOXIDE	33 H	(22-32)	mmol/L
GLUCOSE	38 (a) CL	(70-110)	mg/dL
BUN	69 H	(8-21)	mg/dL
CREATININE	2.70 H	(0.44-1.03)	mg/dL
BUN/CREAT RATIO	25.6 H	(6.0-20.0)	
GFR	17.4 (D)		

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

CALCIUM	8.9	(8.9-10.3)	mg/dL
ALBUMIN	3.0 L	(3.5-4.8)	g/dL

NOTES: (a) Critical result verified in the EHR. Notified:  
MONICA ESTES, RN ER  
by BENSON, MARTA on 06/27/13 at 1446.

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

Date	-----6/27/2013-----		Reference	Units
Time	1345	1345		
TOTAL PROTEIN	6.1		(6.1-7.9)	g/dL
GLOBULIN	3.1		(2.0-3.8)	gm/dL
ALB/GLOB RATIO	1.0 L		(1.2-2.5)	
BILI, TOTAL	0.7		(0.1-2.0)	mg/dL
ALK PHOSPHATASE	61		(38-126)	IU/L
ALT/SGPT	17		(14-54)	IU/L
SGOT/AST	21		(15-41)	IU/L
CPK	154		(38-234)	IU/L
TROP	0.08 (E) H		(0.01-0.06)	ng/mL

(E) TROPONIN-I RANGES

Result Interpretation

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

Date	6/27/2013		Reference	Units
Time	1807			
COLOR	YELLOW		(YELLOW)	
APPEARANCE	CLEAR		(CLEAR)	
SPEC. GRAVITY	1.006		(1.001-1.03)	
PH	6.5		(5.5-8.0)	
PROTEIN	30 H		(NEGATIVE)	mg/dL
GLUCOSE	NEGATIVE		(NEGATIVE)	mg/dL
KETONE	NEGATIVE		(NEGATIVE)	mg/dL
BILIRUBIN	NEGATIVE		(NEGATIVE)	
BLOOD	NEGATIVE		(NEGATIVE)	
UROBILINOGEN	0.2		(0.2-1.0)	E.U./dL
NITRITE	NEGATIVE		(NEGATIVE)	
LEUKOCYTE ESTER	NEGATIVE		(NEGATIVE)	
WBC	< 2		(0-5)	wbc/hpf
RBC	< 2		(0-2)	rbc/hpf
BACTERIA	NONE SEEN		(NONE SEEN)	
SQUAMOUS EPIS	FEW		(NONE-FEW)	epi/hpf
HYALINE CAST	FEW		(NONE-FEW)	/hpf

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