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Date: 04/18/13 Time: 0326

Name: PARVIN, MARY JEAN

### 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 DOB: 03/16/43 Age/S

Age/Sex: 70/F

Acct: V024552879 Unit: M053082

Status: DIS INo

Attend Dr: Law, Jeremy P MD - HOSP

Registered: 04/14/13 Room-Bed: 267-A

### \*\*\* HEMATOLOGY \*\*\*

Date	4/16/2013	4/15/2013	4/14/2013				
Time	0541	0538	0842			Reference	Units
WBC	8,3	7.0	7 6				
RBC	4.47	4.38	5.05	***************************************		(5.0+9.5)	
IGB	13.6	13.4	15.3		***************************************	(3.70-5.50	
ICT	40.6	39.6	45.8			(12.0-16.0	
ICV	90.8	90.5	90.8			(37.0-47.0)	
1CH	30.4	30.6	30.4			(80.0-99.0	
CHC	33,4	33.8	33,5			(27.0-33.0)	pg
DW	16.7 н	16.0	17.3 н			(31.8-36.2)	
LATELET COUNT	219	221	234			(10.0-16.4)	
IPV	9.5	9.2	8.7			(140-450)	K/mm3
MNS	59.3	59.7				(7.5-10.5)	fl
YMPHOCYTES	24.4	23.0	64.8			(37-80)	\$
ONOCYTES	21.7	10.5	21.5			(10.0-50.0)	· 8
OSINOPHILS	4.2	5.7	8.1			(<12×0)	
ASOPHIL	1,0		4.3			(<7.0)	8
BS PMNS	4.89	4.10	1.4			(<2.5)	9
BS LYMPHS	2.01	4.18	4.51			(2.40-7.56)	
BS MONOS	0.91	1.61	1.50			(0.96-4.75)	K/ul
BS EOS	0.35	0.74	0.56			(0.10-1.00)	K/uL
BS BASOS	0.09	0.40	0.30			(0.00-0.45)	K/uL
Dr. Dr. Dob	0.09	0.08	0.10			(0.00-0.20)	K/uL
Date Time	4/17/2013 - 0624	2111	1719	4/15, 2149	/2013 1752	 Reference	Units
	0624	2111		2149	1752	Reference	
ccuchk GLUCOSE	U624	2111 156 H	1719	2149 220 H	1752	Reference	
ime CCUCHK GLUCOSE ate -	0624	2111 156 H	1719 244 H	2149 220 H	1752	Reference	
ime CCUCHK GLUCOSE	U624	2111 156 H	244 H	2149 220 H	1752 160 1	Reference (70-110) Reference	mg/dL
ime  ccuchk GLUCOSE  ate - ime  ccuchk GLUCOSE	121 H 2111 2111 152 H	2111 156 H	244 H 4/14/2013 1729	2149 220 H	1752 160 1	Reference (70-110) Reference	mg/dl
ime  couchk glucost  ate -  line  Couchk glucost  ate  me	121 H 2111 2111	2111 156 H	244 H 4/14/2013 1729	2149 220 H	1752 160 1	Reference (70-110) Reference	mg/dl
ime  ccuchk glucost  ate  ime  ccuchk glucost	121 H 2111 2111 152 H	2111 156 H	244 H 4/14/2013 1729	2149 220 H	1752 160 1	Reference  (70-110)  Reference  (70-110)  Reference	mg/dL Units
ime  ccuchk glucost  ate - ime  ccuchk glucost  ate ine	121 H 2111 2111 152 H 4/14/2013 1125	2111 156 H	244 H 4/14/2013 1729	2149  220 H  1341  365 H	1752 160 1	Reference  (70-110)  Reference  (70-110)  Reference	mg/dL Units Units Units
ime  ate -ime  EXCUCHK GLUCOSE  ate ate ate CCUCHK GLUCOSE	121 H 2111 152 H 4/14/2013 1125 379 H	2111 156 H	1719  244 H 4/14/2013 1729  413 H  *** CHEMIST	2149  220 H  1341  365 H	1752 160 1	Reference  (70-110)  Reference  (70-110)  Reference	mg/dL Units Units Units
ime  ate - ime  CUCHK GLUCOSE  ate - cuchK GLUCOSE  cuchK GLUCOSE  cuchK GLUCOSE	121 H 2111 152 H 4/14/2013 1125 379 H	2111 156 H	1719  244 H 4/14/2013 1729  419 H	2149  220 H  1341  365 H	1752 160 1	Reference  Reference  (70-110)  Reference  (70-110)  Reference	mg/dL Units Units Units
ime  ate -ime  ccuchk glucose  ate the  xuchk glucose  the  cuchk glucose	121 H 2111 2111 152 H 4/14/2013 1125 379 H	2111  156 H  1758  317 H  013 0541	1719  244 H 4/14/2013 1729  413 H  *** CHEMIST	2149  220 H  1341  365 H	1752 160 1 1251 370 1	Reference  (70-110)  Reference  (70-110)  Reference  (70-110)	mg/dL Units mg/dL Units Units
ime  ccuchk glucost  ate ime  ccuchk glucost  ate tme  xuchk glucost  ate tme  xuchk glucost  ate tme  cuchk glucost	121 H 2111 2111 152 H 4/14/2013 1125 379 H	2111  156 H  1758  317 H  013 0541  140 4.3	1719  244 H 4/14/2013 1729  413 H  *** CHEMIST	2149  220 H  1341  365 H  PRY ***	1752 160 1 1251 370 1	Reference (70-110)  Reference (70-110)  Reference (70-110)  Reference (10-110)	mg/dL Units mg/dL Units mg/dL Units mg/dL
ime  ccuchk glucost  ate -ime  ccuchk glucost  ate Lme  ccuchk glucost  ate Lme  cuchk glucost  ate Lme  cuchk glucost  ate Lme  cuchk glucost	121 H 2111 2111 152 H 4/14/2013 1125 379 H	2111  156 H  1758  317 H  013 0541	1719  244 H 4/14/2013 1729  413 H  *** CHEMIST	2149  220 H  1341  365 H  287 ***  2149	1752 160 1 1251 370 1	Reference  (70-110)  Reference  (70-110)  Reference  (70-110)  Reference  (134-143) (3.6-5.1)	mg/dL Units mg/dL Units Units mg/dL Units mmg/dL
ime  CCUCHK GLUCOSE  ate -ime  CCUCHK GLUCOSE  ate Lime  CCUCHK GLUCOSE  ATE Lime  CUCHK GLUCOSE  ATE LIME  ATE LIME  COLUMN  TASSIUM LORIDE  RBON DIOXIDE	121 H 2111 2111 152 H 4/14/2013 1125 379 H	2111  156 H  1758  317 H  013 0541  140 4.3	1719  244 H 4/14/2013 1729  413 H  *** CHEMIST	2149  220 H  1341  365 H  377 ***  2141  2141  4.2  111 H	1752 160 1 1251 370 1	Reference  (70-110)  Reference  (70-110)  Reference  (70-110)  Reference  (134-143) (3.6-5.1) (98-107)	mg/dL Units  mg/dL Units  mg/dL  Units  mmg/dL  units
ime  CCUCHK GLUCOSE  ate -ime  CCUCHK GLUCOSE  ate ime  CCUCHK GLUCOSE  ate ime  CUCHK GLUCOSE  CUCHK GLUCOSE	121 H 2111 2111 152 H 4/14/2013 1125 379 H	2111  156 H  1758  317 H  0541  140  4.3  109 H	1719  244 H 4/14/2013 1729  413 H  *** CHEMIST	2149  220 H  1341  365 H  31341  365 H  11341  4.2  111 H  26	1752 160 1 1251 370 1	Reference  (70-110)  Reference  (70-110)  Reference  (70-110)  Reference  (104-143) (3.6-5.1) (98-107) (22-32)	mg/dL Units  Mg/dL  Units  Mg/dL  Units  Mmg/dL  Units  mmol/L  mmol/L  mmol/L  mmol/L
ime  ccuchk glucost  ate - ime  ccuchk glucost  ate ine	121 H 2111 2111 152 H 4/14/2013 1125 379 H	2111  156 H  1758  317 H  0541  140  4.3  109 H  27	1719  244 H 4/14/2013 1729  413 H  *** CHEMIST	2149  220 H  1341  365 H  377 ***  2141  2141  4.2  111 H	1752 160 1 1251 370 1	Reference  (70-110)  Reference (70-110)  Reference (70-110)  Reference (134-143) (3.6-5.1) (98-107) (22-32) (70-110)	mg/dL Units  mg/dL Units  mg/dL  Units  mmg/dL  units

Acct: V024552879

Status: DIS INo

Room-Bed: 267-A

Unit: M053082

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

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

Date	4/16	4/16/2013					
Time	0541	0541	0538	0538	4/14/2013 1206	Reference	Units
BUN/CREAT	PATIO	22 3 H		20.7 4		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
GFR		23.8(A)		28.0(A)		(6.0-20.0)	

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

CASCIUM	8.2 1	8.4 1	(8.9-10.3) ma/dt
ALBUMIN	2.5 L		(3 5-4 9)
FOTAL PROTEIN	2.5 L 5.0 L		(3.5-4.6) G/GL
LB/GLOB RATIO	1.0 5		(2.U-3.8) gm/dL
PHOSPHOROUS		4.0	(1:2+2:5)
AGNESTIM		4.0	(2.4-4.7) mg/dL
TIT TOTAL		Z.0	(1,6-2,4) mg/dL
TE SHARESHERE	0.5		(0.1-2.0) mg/dL
IN PHOSPHATASE	78		(38-126) TU/L
LT/SGPT	12 L		(14-54) TIL/T
GOT/AST	12 L 16		715 717 7777
PK 124			1107917 10/6
ROP G.01 (R)			(38-234) IU/L

#### (B) TROPONIN-I RANGES

Name: PARVIN, MARY JEAN

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.

ENP (< 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 pq/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.

Unit: M053082

Date		4/14/2013			
Time	0842	0842	0842	Reference	Units
SODIUM			120		
SODIUM POTASSIUM			139	(134-143)	mmo1/1

Acct: V024552879

Status: DIS INc

Room-Bed: 267-A

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

Date		4/14/2013			
Time	0842	0842	0842	Reference	Units
CARBON DIOXIE	)E/		22	(22-32)	A. 100-A.
GLUCOSE		***************************************	262 "	(22-32)	mmo1/1
BUN			302 N	(70-110) (8-21)	mg/dL
CREATININE		***************************************	1 64 17	(8-21)	mg/dL
BUN/CREAT RAT	10		24 5 10	(0.44-1.03)	mg/dL
GFR			31.0(D)	(0.44-1.03) (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.

ALBUMIN	9.2 3.2 T.	(6.9+10.3) mg/dL
COTAL PROTEIN	3.2 L 5.0 u	(3.5-4.8) g/dL
POROPIN		10.1**/.21
ALB/GLOB RATIO	2.6 1.2	(2.0-3.8) gm/dL
SILI, TOTAL		(1.2-2.5)
LK PHOSPHATASE	1.1 99 15	(0.1-2.0) mg/dL
LT/SGPT	33	(38-126) IÚ/L
GOT/AST	15 16	(14-54) IU/L
ROP	0.00	(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 (P) 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			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.