

NaAT

Tucker, Ryan C, Jaccob

Midterm IMT 1102: 2, April, 2015

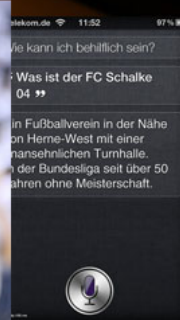
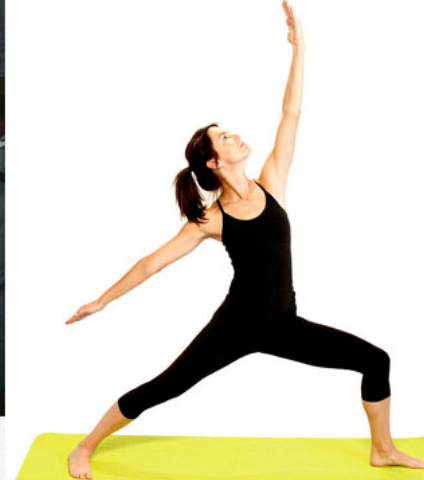
13112 Living Creek Dr. Ste 200
San Diego, CA 92128 Phone: 619-448-7700

Print Last Name	Print First Name	Print Middle Name	Print Suffix	Print Address	Print City/State	Print Zip	Print Phone	Print Fax	Print Email

Order	Order Date	Order Status	Order Type	Order Category	Order Subcategory	Order Description	Order Quantity	Order Price	Order Total
1	11/16/09	11/17/09 11:55:00	11	11	11	11	11	11	11

TEST	RESULT	FLAG	UNITS	REFERENCE	INTERVAL	LAB
Urea Nitrogen/Platelet	6.3		mg/dL	4.0 - 10.5	01	
	5.02		mg/dL	4.10 - 5.60	01	
	15.1		g/dL	12.5 - 17.0	01	
	45.1		%	36.0 - 50.0	01	
	90		g/dL	80 - 98	01	
	30.2		mg/dL	27.0 - 34.0	01	
	33.5		g/dL	32.0 - 36.0	01	
	13.1		g/dL	11.7 - 15.0	01	
	217		mg/dL	140 - 415	01	
	57		g/dL	40 - 74	01	
	33		g/dL	14 - 46	01	
	8		g/dL	4 - 13	01	
	2		g/dL	0 - 7	01	
	3.6		mg/dL	1.8 - 7.8	01	
[Absolute]	2.1		mg/dL	0.7 - 4.5	01	
[Absolute]	0.5		mg/dL	0.1 - 1.0	01	
[Rate]	0.1		mg/dL	0.0 - 0.4	01	
[Rate]	0.0		mg/dL	0.0 - 0.2	01	

Test	Result	Reference	Interval	Lab
Urea Nitrogen	81	mg/dL	65 - 99	01
Serum Creatinine	14	mg/dL	5 - 26	01
Serum Urea Nitrogen	0.93	mg/dL	0.76 - 1.27	01
Estimated GFR	>59	mL/min/1.73 m ²	>59	
Persistent reduction for 9 months or more in an eGFR of $ml/min/1.73 m^2$ defines CKD. Patients with eGFR values $ml/min/1.73 m^2$ may also have CKD if evidence of persistent kidney disease is present. Additional information may be found at nki.org .				
Urea Nitrogen	15	mg/dL	8 - 27	
Serum Creatinine	138	mmol/L	135 - 145	01



Project Description

People don't have time to go to the gym so we think this home trainer program would be a great idea to personalize a daily routine of exercises tailored to the user. Personal trainer and motivational coach Nutritionist records statistics and goals reminder & calendar

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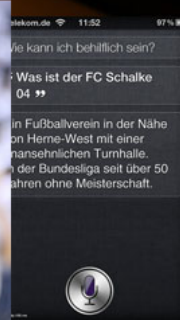
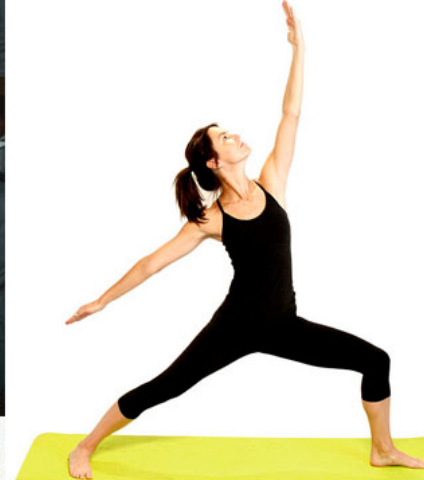
Print Last Name	Print First Name	Print Middle Name	Print Suffix	Print Address	Print City/State/Zip	Print Phone	Print Fax	Print Email

Order Number	Date and Time Entered	Physician Name	MRN	Physician ID
01216/09	01/17/09 11:05:00			

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
Urea Nitrogen/Platelet	6.3		mg/dL	4.0 - 10.5	01
	5.02		mg/dL	4.10 - 5.60	01
	15.1		g/dL	12.5 - 17.0	01
	45.1		%	36.0 - 50.0	01
	90		g/dL	80 - 98	01
	30.2		mg/dL	27.0 - 34.0	01
	33.5		g/dL	32.0 - 36.0	01
	13.1		g/dL	11.7 - 15.0	01
	217		mg/dL	140 - 415	01
	57		g/dL	40 - 74	01
	33		g/dL	14 - 46	01
	8		g/dL	4 - 13	01
	2		g/dL	0 - 7	01
	0		g/dL	0 - 3	01
	3.6		mg/dL	1.8 - 7.8	01
	2.1		mg/dL	0.7 - 4.5	01
	0.5		mg/dL	0.1 - 1.0	01
	0.1		mg/dL	0.0 - 0.4	01
	0.0		mg/dL	0.0 - 0.2	01

Urea Panel (14)	Result	Units	Reference Interval	Lab
Urea	81	mg/dL	65 - 99	01
Serum Creatinine	14	mg/dL	5 - 26	01
Estimated GFR	0.93	mL/min/1.73 m ²	0.76 - 1.27	01

>>> Persistent reduction for 9 months or more in an eGFR < 60 mL/min/1.73 m² defines CKD. Patients with eGFR values < 60 mL/min/1.73 m² may also have CKD if evidence of persistent albuminuria is present. Additional information may be found at www.nidk.nih.gov.



Problem Context:

Busy schedules, a slowly recovering economy, social awkwardness, and just general inconvenience has put people off from seeking gym membership, even pursuing with a personal trainer or nutritionist.

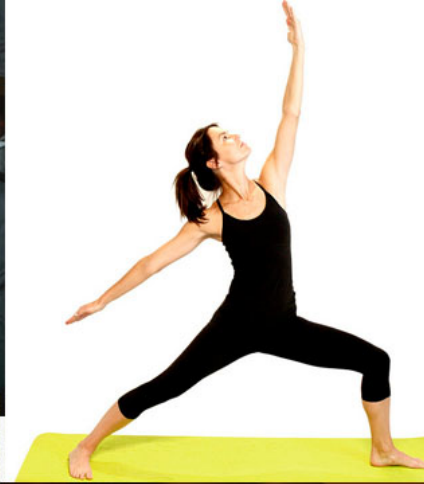
13112 Livingst...
San Diego, CA 92118
Phone: 619-444-3700

Print Last Name	Print First Name	Print Middle Name	Print Suffix	Print Initial	Print Middle Initial	Print Suffix	Print Initial

UPIN	F20833
UPIN	F20833

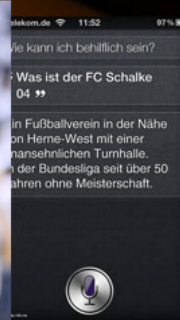
REGULAR	FLAG	UNITS	REFERENCE	INTERVAL	LAB
6.3		x10E3/uL	4.0 - 10.5	01	
5.02		x10E6/uL	4.10 - 5.60	01	
15.1		g/dL	12.5 - 17.0	01	
45.1		g	36.0 - 50.0	01	
90		g/L	80 - 98	01	
30.2		mg	27.0 - 34.0	01	
33.5		g/dL	32.0 - 36.0	01	
13.1		x10E3/uL	11.7 - 15.0	01	
217		g	140 - 415	01	
57		g	40 - 74	01	
33		g	14 - 46	01	
8		g	4 - 13	01	
2		g	0 - 7	01	
3.6		x10E3/uL	1.8 - 7.8	01	
2.1		x10E3/uL	0.7 - 4.5	01	
0.5		x10E3/uL	0.1 - 1.0	01	
0.1		x10E3/uL	0.0 - 0.4	01	
0.0		x10E3/uL	0.0 - 0.2	01	

Line Panel (14)	Unit	Value	Reference	Interval	Lab
Serum	mg/dL	65	65 - 99	01	
Serum	mg/dL	14	5 - 26	01	
Serum	mg/dL	0.93	0.76 - 1.27	01	
Rate, Est	mL/min/1.73	>59	>59		
American	mL/min/1.73	>59	>59		
Persistent reduction for 9 months or more in an eGFR	mL/min/1.73	>59	>59		
min/1.73 m2 defines CKD. Patients with eGFR values	mL/min/1.73	>59	>59		
L/min/1.73 m2 may also have CKD if evidence of persistent	mL/min/1.73	>59	>59		
uria is present. Additional information may be found at	mL/min/1.73	>59	>59		
ngi.org.	mL/min/1.73	>59	>59		
Line Ratio		15	8 - 27		
Line Ratio	mmol/L	138	135 - 145	01	



Motivation:

Many of the time, people are more motivated to better themselves if someone is there to walk them through it.

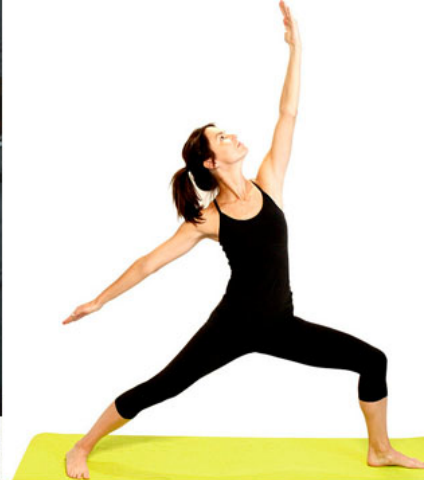


13112 Livingst...
San Diego, CA 92118
Phone: 619-448-3700

Print Last Name	Print First Name	Print Middle Name	Print Date of Birth	Print Sex	Print Marital Status	Print Address	Print City	Print State	Print Zip	Print Country

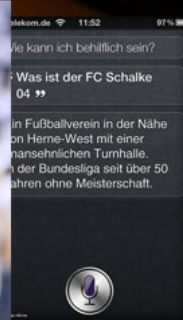
Order Number	Order Date	Order Status	Product Name	SKU	Quantity	Price	Amount
11116109	01/17/2013	1116109	UPIN: F20831				

TEST	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
Urea Nitrogen/Platelet	6.3		x10E3/uL	4.0 - 10.5	01
	5.02		x10E6/uL	4.10 - 5.60	01
	15.1		g/dL	12.5 - 17.0	01
	45.1		%	36.0 - 50.0	01
	90		SL	80 - 98	01
	30.2		mg	27.0 - 34.0	01
	33.5		g/dL	32.0 - 36.0	01
	13.1		%	11.7 - 15.0	01
	217		x10E3/uL	140 - 415	01
	57		%	40 - 74	01
	33		%	14 - 46	01
	8		%	4 - 13	01
	2		%	0 - 7	01
	3.6		x10E3/uL	1.8 - 7.8	01
	2.1		x10E3/uL	0.7 - 4.5	01
	0.5		x10E3/uL	0.1 - 1.0	01
	0.1		x10E3/uL	0.0 - 0.4	01
	0.0		x10E3/uL	0.0 - 0.2	01
Urea Panel (14)	81		mg/dL	65 - 99	01
Urea	14		mg/dL	5 - 26	01
Serum Creatinine, Est	0.93		mg/dL	0.76 - 1.27	01
American eGFR	>59		mL/min/1.73	>59	
Persistent reduction for 9 months or more in an eGFR	>59		mL/min/1.73	>59	
min/1.73 m2 defines CKD. Patients with eGFR values					
<30 mL/min/1.73 m2 may also have CKD if evidence of persistent					
proteinuria is present. Additional information may be found at					
ncgi.org.					
Urea Ratio	15			8 - 27	
Urea	138		mmol/L	135 - 145	01



Solution:

: Provides constant reminders to think about your health when you walk in the door.



13112 Irving Creek Dr. So. Ste 200
San Diego, CA 92118 Phone: 858-568-3700

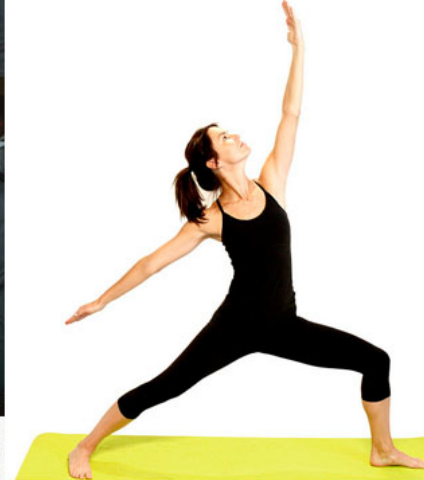
Patrol ID	Patrol Number	Annual Number	Annual Date	Patrol
13112	13112	13112	13112	13112

Line Item	Days and Times Reported	Frequency	Units	Reference	Interval	LAB
6.3	x10E3/uL	4.0 - 10.5	01			
5.02	x10E6/uL	4.10 - 5.60	01			
15.1	g/dL	12.0 - 17.0	01			
45.1	%	36.0 - 50.0	01			
90	g/dL	80 - 98	01			
35.2	mg	27.0 - 34.0	01			
33.5	g/dL	32.0 - 36.0	01			
13.1	%	11.7 - 15.0	01			
21.3	x10E3/uL	140 - 415	01			
57	%	40 - 74	01			
33	%	14 - 46	01			
8	%	4 - 13	01			
2	%	0 - 7	01			
3.6	x10E3/uL	1.8 - 7.8	01			
2.1	x10E3/uL	0.7 - 4.5	01			
0.5	x10E3/uL	0.1 - 1.0	01			
0.1	x10E3/uL	0.0 - 0.4	01			
0.0	x10E3/uL	0.0 - 0.2	01			

Line Item	Units	Reference	Interval	LAB
81	mg/dL	65 - 99	01	
14	mg/dL	5 - 26	01	
0.93	mg/dL	0.76 - 1.27	01	
0.59	ml/min/1.73	>59		

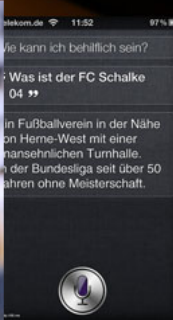
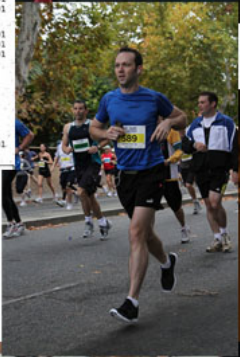
Persistent reduction for 3 months or more in an eGFR
ml/min/1.73 m2 defines CKD. Patients with eGFR values
d/min/1.73 m2 may also have CKD if evidence of persistent
uria is present. Additional information may be found at
qi.org.

Line Ratio	Units	Reference	Interval	LAB
15		8 - 27		
138	mmol/L	130 - 145	01	



Outcome:

Healthier lifestyle for everyone!



LabCorp San Diego
13111 Executive Court Dr. Ste 200
San Diego, CA 92128 Phone: 619-544-3700

Print Last Name: Patient ID: Patient Address: Account Address:

Print Middle Name: Patient Name: Third Name:

Print First Name: Patient Address: Account Address:

Sex: M Yes No

Additional Information

UPIN: P28831

Date Requested	Date and Time Reported	Patient Name	MR	Physician ID
8/17/20	8/17/20 11:55:27			

Test Order:
essential/Platelet Count, Metabolic Panel (14) Uric Acid, Serology (HIV) Q4+CR...
UNlab:MetabolicPanel14, Uric Acid with HIV Serology

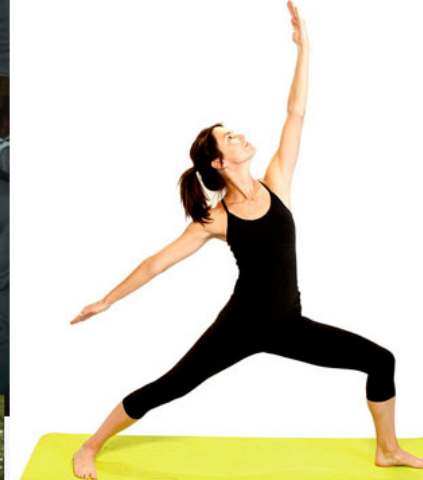
TEST	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
ferential/Platelet	6.3		x10E3/uL	4.0 - 10.5	01
	5.02		x10E6/uL	4.10 - 5.60	01
	15.1		g/dL	12.5 - 17.3	01
	45.1		%	36.0 - 50.0	01
	90		fL	80 - 98	01
	30.2		gP	27.0 - 34.0	01
	33.5		g/dL	32.0 - 36.0	01
	13.1		%	11.7 - 15.0	01
	21.9		x10E3/uL	14.0 - 41.0	01
	57		%	40 - 74	01
	33		%	14 - 46	01
	8		%	4 - 13	01
	2		%	0 - 7	01
	3.6		x10E3/uL	1.8 - 7.8	01
(Absolute)	2.1		x10E3/uL	0.7 - 4.5	01
bsolute)	0.5		x10E3/uL	0.1 - 1.0	01
te)	0.1		x10E3/uL	0.0 - 0.4	01
ute)	0.0		x10E3/uL	0.0 - 0.2	01

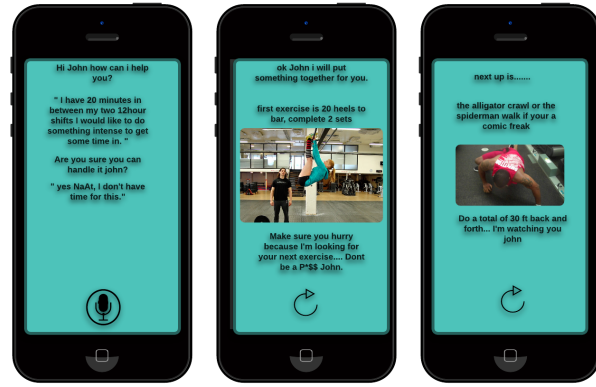
lie Panel (14)

run	81		mg/dL	65 - 99	01
Serum	14		mg/dL	5 - 26	01
ate, Est	0.93		mg/dL	0.76 - 1.27	01
American	>59		ml/min/1.73	>59	

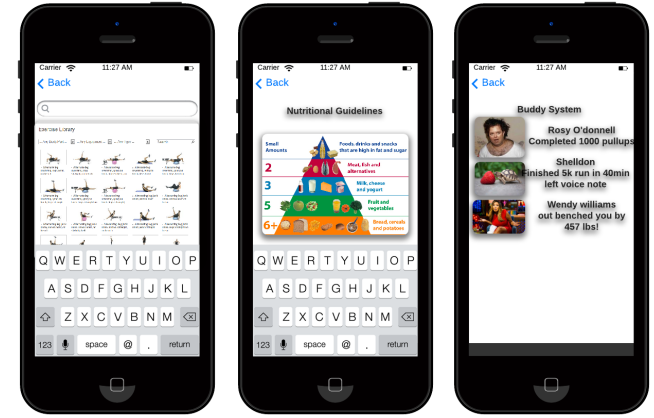
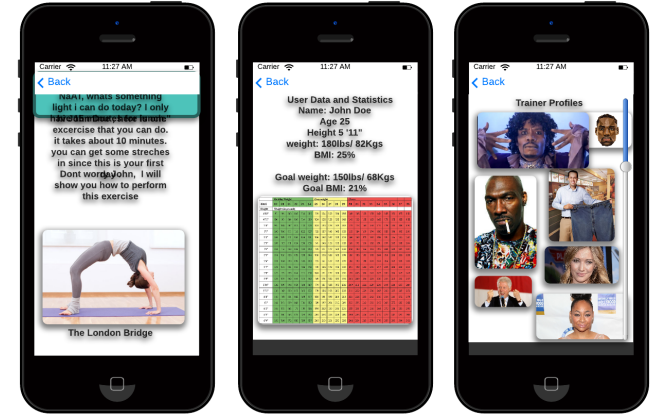
Persistent reduction for 3 months or more in an eGFR
ml/min/1.73 m2 defines CKD. Patients with eGFR values
lt/min/1.73 m2 may also have CKD if evidence of persistent
uria is present. Additional information may be found at
g1.org.

ine Ratio	15			8 - 27	
un	138		mmol/L	133 - 145	01





Vertical Prototype



Horizontal Prototype