Michael L Witten

Male born 1957

Note from Piedmont Healthcare
This document contains information that was shared with Michael L Witten. It may not contain the entire record from Piedmont Healthcare.

Allergies

MIDAZOLAM

Current Medications

ACETAMINOPHEN/CHLORPHENIRAMINE (CORICIDIN ORAL)
Take by mouth.

albuterol 90 mcg/actuation Inhl inhaler (Started 2/5/2015)
Inhale 2 puffs into the lungs every 6 (six) hours as needed.

ANUCORT-HC 25 mg suppository (Started 5/29/2015)
Insert one suppository rectally twice a day

aspirin 81 mg EC tablet
Take 81 mg by mouth daily. take with food.

atenolol (TENORMIN) 25 mg tablet (Started 4/4/2016)
Take 1 tablet (25 mg total) by mouth 2 (two) times daily.

atorvaSTATin (LIPITOR) 80 mg tablet (Started 9/25/2015)
Take 1 tablet (80 mg total) by mouth daily.

cholecalciferol (VITAMIN D3) 1,000 unit tablet
Take 4,000 units by mouth daily.

clonazePAM (KLONOPIN) 0.5 MG tablet (Started 11/13/2015)
Take 1 tablet (0.5 mg total) by mouth nightly as needed.

FLUTICASONE/VILANTEROL (BREO ELLIPTA INHL)
Inhale into the lungs.

niacin (NIASPAN) 1000 MG CR tablet (Started 5/2/2016)
Take two tablets by mouth every day

niacin (NIASPAN) 1000 MG CR tablet (Started 2/2/2016)
Take two tablets by mouth every day

pantoprazole (PROTONIX) 40 MG tablet (Started 5/2/2016)
Take one tablet by mouth twice a day

ZETIA 10 mg tablet (Started 1/4/2016)
Take one tablet by mouth every day

zolpidem (AMBIEN) 10 mg tablet (Started 11/13/2015)
Take 1 tablet (10 mg total) by mouth nightly as needed.

Active Problems

Cough (Noted 3/27/2015)

GERD (gastroesophageal reflux disease) (Noted 2/15/2015)

Rhinitis (Noted 3/27/2015)

Wheezing (Noted 2/15/2015)

Immunizations

Hepatitis A (Given 6/1/2015, 1/12/2016)

Influenza Inj Pf Quadrivalent (Given 11/13/2015)

Influenza Inj Preservative Free (Given 8/16/2014)

Influenza Inj with Preservative (Given 10/7/2013)

Pneumococcal Polysaccharide (Given 3/3/2014)

Tdap (Given 2/5/2015)

Information not available to this user

Results

NM MYOCARDIAL PERFUSION SPECT STRESS AND REST TREADMILL - Final result (04/12/2016 9:22 AM)

Narrative

Piedmont Cardiovascular Imaging Center
275 Collier Road, Suite 300D
Atlanta, GA 30309
Phone: (404) 605-5770
Fax (404) 603-7225

Myocardial Perfusion Imaging Study - Exercise (93017, 78452)

Name: WITTEN, MICHAEL L MRN: 900011676
Study Date: 04/12/2016 07:32 AM Acct #: 2030861929
DOB: 04/29/1957 Age: 58 yrs Gender: Male
Ordering MD: JOHN W HURST* Patient Status: Outpatient
Referring MD: MICHELLE Y EVANS, MD

Height: 65 in Weight: 218 lb BSA: 2.1 m2

CONCLUSIONS
Normal rest/stress SPECT myocardial perfusion images. There is no evidence of significant scar or ischemia.
This study suggests a low risk of cardiovascular event.
The global LV wall motion is normal .
The post stress LVEF is calculated to be 65%.
Stress ECG changes are normal.
No ischemic symptoms with stress were reported.

INDICATIONS
Z95.1 (ICD-10-CM) - V45.81 (ICD-9-CM) - Status post aorto-coronary artery bypass graft
I10 (ICD-10-CM) - 401.9 (ICD-9-CM) - Essential hypertension
E78.2 (ICD-10-CM) - 272.2 (ICD-9-CM) - Mixed hyperlipidemia.
HISTORY AND RISK
No history of chest pain. Hypertension. Hypercholesterolemia. Obesity. MPI. CATH. CABG.
PRE-TEST INFORMATION
No cardiac medications were taken on the day of the test. A 24 gauge IV was started in the right hand .
Patient ID has been verified.
PROTOCOL:
The patient completed 9:00 min:sec of the Bruce protocol. The baseline HR was 78 BPM. The peak HR was 142 BPM.
This was 87 % of maximum predicted HR. The calculated workload was 10.10 METS. The heart rate response was
normal. The baseline BP was 152/89 . The peak BP was 186/76 . The stress blood pressure response was normal .
The baseline 02 saturation was 98%. The 02 saturation at peak stress was 97%. The test was terminated due to
fatigue. No ischemic symptoms with stress were reported.
ECG
Rest ECG shows sinus rhythm, RBBB. Peak stress ECG shows no ischemic ST depression . Occasional PVC's were
seen. Stress ECG changes are normal.
IMAGING PROTOCOLS
Myocardial perfusion imaging was performed at rest approximately 30-60 minutes after IV injection of 10.7 mCi
99mTc-tetrofosmin. At peak stress, the patient was injected with 32.2 mCi tetrofosmin and post-stress gated
images were acquired approximately 15 to 60 minutes later.
PERFUSION
The rest and stress SPECT images were reviewed. No significant perfusion abnormalities were seen.
QUALITY
The study was technically good.
LEFT VENTRICLE
The global LV wall motion is normal . The post stress LVEF is calculated to be 65%.

STAFF SIGNATURES:
Dianne Tyson, RNT. Marisha Clark, CNMT. Sherrie Brown, RN.
Electronically signed by:KENNETH G TAYLOR*, MD on 04/12/2016 01:19 PM

COMPREHENSIVE METABOLIC PANEL - Final result (03/02/2016 8:45 AM)

Component	Value	Range
Glucose	**Comment:** Fasting reference interval	65-99 mg/dL
	109	
BUN	14	7-25 mg/dL
Creatinine	1.00	0.70-1.33 mg/dL
	Comment:	

Component	Value	Range
	For patients >49 years of age, the reference limit for Creatinine is approximately 13% higher for people identified as African-American.	
GFR MDRD Non Af Amer	83	> OR = 60 mL/min/1.73m2
GFR MDRD Af Amer	96	> OR = 60 mL/min/1.73m2
BUN/Creatinine Ratio	NOT APPLICABLE	6-22 (calc)
Sodium	137	135-146 mmol/L
Potassium	4.0	3.5-5.3 mmol/L
Chloride	100	98-110 mmol/L
CO2	25	19-30 mmol/L
Calcium	9.1	8.6-10.3 mg/dL
Total Protein	7.3	6.1-8.1 g/dL
Albumin	4.5	3.6-5.1 g/dL
Globulin, Total	2.8	1.9-3.7 g/dL (calc)
Albumin/Globulin Ratio	1.6	1.0-2.5 (calc)
Total Bilirubin	1.1	0.2-1.2 mg/dL
Alkaline Phosphatase	55	40-115 U/L
AST	23	10-35 U/L
ALT	34	9-46 U/L

Result Comment

Your labs are ok

LIPID PANEL - Final result (03/02/2016 8:45 AM)

Component	Value	Range
Cholesterol, Total	142	125-200 mg/dL
Hdl	47	> OR = 40 mg/dL
Triglycerides	89	<150 mg/dL
LDL Calculated	77 **Comment:** Desirable range <100 mg/dL for patients with CHD or diabetes and <70 mg/dL for diabetic patients with known heart disease.	<130 mg/dL (calc)
Chol/HDL Ratio	3.0	< OR = 5.0 (calc)
Non HDL Chol. (LDL+VLDL)	95 **Comment:** Target for non-HDL cholesterol is 30 mg/dL higher than LDL cholesterol target.	mg/dL (calc)

Result Comment

Your labs are ok

HEMOGLOBIN A1C - Final result (03/02/2016 8:45 AM)

Component	Value	Range
Hemoglobin A1C	5.7 **Comment:** According to ADA guidelines, hemoglobin A1c <7.0% represents optimal control in non-pregnant diabetic patients. Different metrics may apply to specific patient populations. Standards of Medical Care in Diabetes-2013. Diabetes Care. 2013;36:s11-s66 For the purpose of screening for the presence of diabetes <5.7% Consistent with the absence of diabetes 5.7-6.4% Consistent with increased risk for diabetes (prediabetes) >or=6.5% Consistent with diabetes This assay result is consistent with an increased risk	<5.7 % of total Hgb

Component	Value	Range
	of diabetes. Currently, no consensus exists for use of hemoglobin A1c for diagnosis of diabetes for children.	

Result Comment

Your labs are ok

COMPREHENSIVE METABOLIC PANEL - Final result (08/10/2015 9:30 AM)

Component	Value	Range
Glucose	**Comment:** Fasting reference interval 111	65-99 mg/dL
BUN	15	7-25 mg/dL
Creatinine	1.14 **Comment:** For patients >49 years of age, the reference limit for Creatinine is approximately 13% higher for people identified as African-American.	0.70-1.33 mg/dL
GFR MDRD Non Af Amer	70	> OR = 60 mL/min/1.73m2
GFR MDRD Af Amer	82	> OR = 60 mL/min/1.73m2
BUN/Creatinine Ratio	NOT APPLICABLE	6-22 (calc)
Sodium	140	135-146 mmol/L
Potassium	3.9	3.5-5.3 mmol/L
Chloride	102	98-110 mmol/L
CO2	25	19-30 mmol/L
Calcium	9.5	8.6-10.3 mg/dL
Total Protein	7.3	6.1-8.1 g/dL
Albumin	4.5	3.6-5.1 g/dL
Globulin, Total	2.8	1.9-3.7 g/dL (calc)
Albumin/Globulin Ratio	1.6	1.0-2.5 (calc)
Total Bilirubin	1.7	0.2-1.2 mg/dL
Alkaline Phosphatase	65	40-115 U/L
AST	22	10-35 U/L
ALT	28	9-46 U/L

Result Comment

Here are your results, I do not usually release them until your appointment. Bit since I am unfortunately out today, here they are.
Your blood sugar is sill slightly elevated but your A1c is about the same. Your white count is slightly elevated you may have been fighting an infection during the time

CBC W/PLAT AUTOMATED DIFF - Final result (08/10/2015 9:30 AM)

Component	Value	Range
WBC	13.4	3.8-10.8 Thousand/uL
RBC	4.76	4.20-5.80 Million/uL
Hemoglobin	15.4	13.2-17.1 g/dL
Hematocrit	46.1	38.5-50.0 %
MCV	96.8	80.0-100.0 fL
MCH	32.3	27.0-33.0 pg
MCHC	33.4	32.0-36.0 g/dL
RDW	13.7	11.0-15.0 %
Platelets	235	140-400 Thousand/uL
MPV	8.4	7.5-11.5 fL
Neutrophils Absolute	11283	1500-7800 cells/uL
Lymphocytes Absolute	1353	850-3900 cells/uL
Monocytes Absolute	536	200-950 cells/uL
Eosinophils Absolute	214	15-500 cells/uL
Basophils Absolute	27	0-200 cells/uL
Neutrophils Relative	84.2	%
Lymphocytes Relative	10.1	%
Monocytes Relative	4.0	%
Eosinophils Relative	1.6	%
Basophils Relative	0.2	%

Result Comment

Here are your results, I do not usually release them until your appointment. Bit since I am unfortunately out today, here they are.
Your blood sugar is sill slightly elevated but your A1c is about the same. Your white count is slightly elevated you may have been fighting an infection during the time

LIPID PANEL - Final result (08/10/2015 9:30 AM)

Component	Value	Range
Cholesterol, Total	134	125-200 mg/dL
Hdl	46	> OR = 40 mg/dL
Triglycerides	99	<150 mg/dL
LDL Calculated	68 **Comment:** Desirable range <100 mg/dL for patients with CHD or diabetes and <70 mg/dL for diabetic patients with known heart disease.	<130 mg/dL (calc)
Chol/HDL Ratio	2.9	< OR = 5.0 (calc)
Non HDL Chol. (LDL+VLDL)	88 **Comment:** Target for non-HDL cholesterol is 30 mg/dL higher than LDL cholesterol target.	mg/dL (calc)

Result Comment

Here are your results, I do not usually release them until your appointment. Bit since I am unfortunately out today, here they are.
Your blood sugar is sill slightly elevated but your A1c is about the same. Your white count is slightly elevated you may have been fighting an infection during the time

TSH - Final result (08/10/2015 9:30 AM)

Component	Value	Range
TSH	1.41	0.40-4.50 mIU/L

Result Comment

Here are your results, I do not usually release them until your appointment. Bit since I am unfortunately out today, here they are.
Your blood sugar is sill slightly elevated but your A1c is about the same. Your white count is slightly elevated you may have been fighting an infection during the time

HEMOGLOBIN A1C - Final result (08/10/2015 9:30 AM)

Component	Value	Range
Hemoglobin A1C	5.8 **Comment:** According to ADA guidelines, hemoglobin A1c <7.0% represents optimal control in non-pregnant diabetic patients. Different metrics may apply to specific patient populations. Standards of Medical Care in Diabetes-2013. Diabetes Care. 2013;36:s11-s66 For the purpose of screening for the presence of diabetes <5.7% Consistent with the absence of diabetes 5.7-6.4% Consistent with increased risk for diabetes (prediabetes) >or=6.5% Consistent with diabetes This assay result is consistent with an increased risk of diabetes. Currently, no consensus exists for use of hemoglobin A1c for diagnosis of diabetes for children.	<5.7 % of total Hgb

Result Comment

Here are your results, I do not usually release them until your appointment. Bit since I am unfortunately out today, here they are.
Your blood sugar is sill slightly elevated but your A1c is about the same. Your white count is slightly elevated you may have been fighting an infection during the time

URINE CULTURE - Final result (08/10/2015 9:30 AM)

Component	Value	Range
Urine Culture, Routine	**Comment:** CULTURE, URINE, ROUTINE	

Component	Value	Range
	MICRO NUMBER: 50677667 TEST STATUS: FINAL SPECIMEN SOURCE: URINE SPECIMEN QUALITY: ADEQUATE RESULT: No Growth SEE NOTE	

Result Comment

Here are your results, I do not usually release them until your appointment. Bit since I am unfortunately out today, here they are.
Your blood sugar is sill slightly elevated but your A1c is about the same. Your white count is slightly elevated you may have been fighting an infection during the time

XR ABDOMEN FLAT AND UPRIGHT (XR ABDOMEN 2 WAY) - Final result (02/24/2015 3:19 PM)

Impressions

Impression:
1. No bowel obstruction.
2. There are some air-fluid levels in the colon on the upright view.
This can be seen in gastroenteritis. Correlate clinically.

Approved By: DR JON WAGREICH 2/24/2015 4:30 PM

Narrative

History: Diarrhea.

Comparison: None

Findings: 3 films. Sternotomy. Right upper quadrant clips. There is no free air under the diaphragm. No bowel obstruction. There are some air-fluid levels within the colon on the upright view.

Result Comment

This looks like you might have colitis in the upper right colon, lets have you follow up with your gastroenterologist ASAP

LIPID PANEL - Final result (02/02/2015 9:47 AM)

Component	Value	Range
Cholesterol, Total	153	125-200 mg/dL
Hdl	52	> OR = 40 mg/dL
Triglycerides	138	<150 mg/dL
LDL Calculated	73 **Comment:** Desirable range <100 mg/dL for patients with CHD or diabetes and <70 mg/dL for diabetic patients with known heart disease.	<130 mg/dL (calc)
Chol/HDL Ratio	2.9	< OR = 5.0 (calc)
Non HDL Chol. (LDL+VLDL)	101 **Comment:** Target for non-HDL cholesterol is 30 mg/dL higher than LDL cholesterol target.	mg/dL (calc)

COMPREHENSIVE METABOLIC PANEL - Final result (02/02/2015 9:47 AM)

Component	Value	Range
Glucose	**Comment:** Fasting reference interval 107	65-99 mg/dL
BUN	14	7-25 mg/dL
Creatinine	0.97 **Comment:** For patients >49 years of age, the reference limit for Creatinine is approximately 13% higher for people identified as African-American.	0.70-1.33 mg/dL
GFR MDRD Non Af Amer	86	> OR = 60 mL/min/1.73m2
GFR MDRD Af Amer	100	> OR = 60 mL/min/1.73m2
BUN/Creatinine Ratio	NOT APPLICABLE	6-22 (calc)
Sodium	139	135-146 mmol/L
Potassium	4.1	3.5-5.3 mmol/L
Chloride	101	98-110 mmol/L
CO2	24	19-30 mmol/L
Calcium	9.0	8.6-10.3 mg/dL
Total Protein	7.1	6.1-8.1 g/dL

Component	Value	Range
Albumin	4.4	3.6-5.1 g/dL
Globulin, Total	2.7	1.9-3.7 g/dL (calc)
Albumin/Globulin Ratio	1.6	1.0-2.5 (calc)
Total Bilirubin	0.9	0.2-1.2 mg/dL
Alkaline Phosphatase	70	40-115 U/L
AST	26	10-35 U/L
ALT	47	9-46 U/L

URINALYSIS COMPLETE WITH REFLEX CULT - Final result (02/02/2015 9:47 AM)

Component	Value	Range
Color, UA	YELLOW	YELLOW
Clarity, UA	CLEAR	CLEAR
Specific Gravity, UA	1.020	1.001-1.035
pH, UA	5.5	5.0-8.0
Glucose, UA	NEGATIVE	NEGATIVE
Bilirubin, UA	NEGATIVE	NEGATIVE
Ketones, UA	NEGATIVE	NEGATIVE
Blood, UA	NEGATIVE	NEGATIVE
Protein, UA	NEGATIVE	NEGATIVE
NITRITE UA/C	NEGATIVE	NEGATIVE
Leukocyte Esterase UA/C	NEGATIVE	NEGATIVE
WBC UA/C	NONE SEEN	< OR = 5 /HPF
RBC, UA	NONE SEEN	< OR = 3 /HPF
Squam Epithel, UA	NONE SEEN	< OR = 5 /HPF
BACTERIA UA/C	NONE SEEN	NONE SEEN /HPF
Hyaline Casts, UA	NONE SEEN	NONE SEEN /LPF

CBC W/PLAT AUTOMATED DIFF (CBC WITH AUTO DIFFERENTIAL) - Final result (02/02/2015 9:47 AM)

Component	Value	Range
WBC	5.8	3.8-10.8 Thousand/uL
RBC	4.63	4.20-5.80 Million/uL
Hemoglobin	15.0	13.2-17.1 g/dL
Hematocrit	44.8	38.5-50.0 %
MCV	96.9	80.0-100.0 fL
MCH	32.5	27.0-33.0 pg
MCHC	33.5	32.0-36.0 g/dL
RDW	13.8	11.0-15.0 %
Platelets	190	140-400 Thousand/uL
Neutrophils Absolute	4048	1500-7800 cells/uL
Lymphocytes Absolute	1456	850-3900 cells/uL
Monocytes Absolute	197	200-950 cells/uL
Eosinophils Absolute	58	15-500 cells/uL
Basophils Absolute	41	0-200 cells/uL
Neutrophils Relative	69.8	%
Lymphocytes Relative	25.1	%
Monocytes Relative	3.4	%
Eosinophils Relative	1.0	%
Basophils Relative	0.7	%

TSH - Final result (02/02/2015 9:47 AM)

Component	Value	Range
TSH	1.40	0.40-4.50 mIU/L

PROSTATE SPECIFIC ANTIGEN - Final result (02/02/2015 9:47 AM)

Component	Value	Range
PSA	0.8	< OR = 4.0 ng/mL

Comment:

This test was performed using the Siemens chemiluminescent method. Values obtained from different assay methods cannot be used interchangeably. PSA levels, regardless of value, should not be interpreted as absolute evidence of the presence or absence of disease.

HEMOGLOBIN A1C - Final result (02/02/2015 9:47 AM)

Component	Value	Range
Hemoglobin A1C	5.9	<5.7 % of total Hgb

Comment:

According to ADA guidelines, hemoglobin A1c <7.0% represents optimal control in non-pregnant diabetic patients. Different metrics may apply to specific

Component	Value	Range

patient populations. Standards of Medical Care in
Diabetes-2013. Diabetes Care. 2013;36:s11-s66

For the purpose of screening for the presence of
diabetes
<5.7% Consistent with the absence of diabetes
5.7-6.4% Consistent with increased risk for diabetes
(prediabetes)
>or=6.5% Consistent with diabetes

This assay result is consistent with an increased risk
of diabetes.

Currently, no consensus exists for use of hemoglobin
A1c for diagnosis of diabetes for children.

REFLEXIVE URINE CULTURE. - Final result (02/02/2015 9:47 AM)

Component	Value	Range
Reflex	NO CULTURE INDICATED	

ECHOCARDIOGRAM 2D COMPLETE W WO CONTRAST - Final result (12/12/2014 10:30 AM)

Narrative

Piedmont Cardiovascular Imaging Center
275 Collier Road, Suite 300D
Atlanta, GA 30309
Phone: (404) 605-5770
Fax (404) 603-7225

Adult Echocardiogram

Name: WITTEN, MICHAEL L MRN: 900011676 Performed By: Tiffani Denison, RDCS, RVT
Study Date: 12/12/2014 09:31 AM Acct #: 2018522581
DOB: 04/29/1957 Age: 57 yrs Gender: Male
Ordering MD: HURST JR, JOHN Patient Loc: 275 /300 Patient Status: Outpatient
Referring MD: MICHELLE Y EVANS, MD

REASON FOR STUDY: CAD
HISTORY: Hyperlipidemia, CAD, CABG 10 years ago, Hypertension
HEIGHT: 65 in WEIGHT: 216 lb BSA: 2.0 m2 HR: 61 BP: 110/72 mmHg
PROCEDURE DETAILS: A complete two-dimensional transthoracic echocardiogram was performed (2D, M-mode, spectral and color flow Doppler).(93306). A contrast injection of Definity was performed to improve assessment of LV. T Jones, RN injected contrast. The apical views were difficult to obtain and are suboptimal in quality. No previous study available.

CONCLUSIONS
There is mild concentric left ventricular hypertrophy.
Left ventricular systolic function is normal.
The left ventricular ejection fraction is 60-65%.
The transmitral spectral Doppler flow pattern is suggestive of impaired LV relaxation.
The right ventricle is grossly normal size.
Right ventricular systolic function was difficult to assess due to poor visualization of the right ventricular free wall.
Normal biatrial size.
No significant valvular abnormalities noted.
Right ventricular systolic pressure is normal.

Measurements with Normals
LA dimension: 4.5 cm(1.9-4.0 cm) Ao root diam: 3.3 cm(2.3-3.7 cm)
LVIDd: 4.8 cm(3.7-5.6 cm) LVIDs: 3.0 cm(1.8-4.2 cm)
IVSd: 1.2 cm(0.6-1.1 cm) LVPWd: 1.2 cm(0.6-1.1 cm)

MMode/2D MEASUREMENTS & CALCULATIONS
FS: 38.7 % LVLd ap4: 8.8 cm
EDV(Teich): 109.1 ml EDV(MOD-sp4): 115.0 ml
ESV(Teich): 33.9 ml LVLs ap4: 8.2 cm
ESV(MOD-sp4): 50.0 ml
EF(MOD-sp4): 56.5 %

Narrative

SV(MOD-sp4): 65.0 ml
LA Volume (MOD-4): 48.0 ml

DOPPLER MEASUREMENTS & CALCULATIONS
MV E max vel: 63.7 cm/sec
MV A max vel: 77.0 cm/sec
MV E/A: 0.83
MV V2 max: 80.1 cm/sec
MV max PG: 2.6 mmHg
MV V2 mean: 50.4 cm/sec
MV mean PG: 1.1 mmHg
MV V2 VTI: 33.0 cm

MV dec time: 0.21 sec
Ao V2 mean: 89.3 cm/sec
Ao mean PG: 3.8 mmHg
Ao V2 VTI: 23.6 cm

LV V1 max PG: 3.9 mmHg
LV V1 mean PG: 1.8 mmHg
LV V1 max: 98.7 cm/sec
LV V1 mean: 60.6 cm/sec
LV V1 VTI: 17.9 cm
PA V2 max: 73.1 cm/sec
PA max PG: 2.1 mmHg
PA V2 mean: 51.4 cm/sec
PA mean PG: 1.2 mmHg
PA V2 VTI: 17.0 cm

PA acc slope: 645.7 cm/sec2
PA acc time: 0.12 sec

TR max vel: 219.9 cm/sec
TR max PG: 19.3 mmHg
PA pr(Accel): 26.7 mmHg

TDI E/e': 8.6
TDI E/e' Lateral: 7.3

LEFT VENTRICLE:
The left ventricle is normal in size. There is mild concentric left ventricular hypertrophy. LV EDVi = 56.3 mL/m². LV ESVi = 22.0 mL/m². LV EDDi = 2.4 cm/m². LV ESDi = 1.4 cm/m². Left ventricular systolic function is normal. The left ventricular ejection fraction is 60-65%. EF = 61.0 %. Lat E/E` =8.8. Lat E/E` =7.3 . The transmitral spectral Doppler flow pattern is suggestive of impaired LV relaxation. The left ventricular wall motion is normal.
LEFT ATRIUM/ATRIAL SEPTUM:
The left atrial volume is normal. LA volume index = 23.5 mL/m².
RIGHT ATRIUM:
Right atrium is normal.
RIGHT VENTRICLE:
RV basal dimension is 3.8cm. The right ventricle is grossly normal size. RV S' velocity = 10cm/s. RV E/E' = 6.6. Right ventricular systolic function was difficult to assess due to poor visualization of the right ventricular free wall.
AORTIC VALVE:
The aortic valve is trileaflet. The aortic valve opens well. There is aortic valve sclerosis without stenosis. No hemodynamically significant valvular aortic stenosis. No aortic regurgitation is present.
MITRAL VALVE:
The mitral valve is normal in structure and function. There is no mitral valve stenosis. There is no significant mitral regurgitation noted.
TRICUSPID VALVE:
The tricuspid valve is normal. There is trace tricuspid regurgitation. Peak TR velocity = 219.9 cm/sec. Peak TR PG = 19.3 mmHg. Right ventricular systolic pressure is normal.
PULMONIC VALVE:
The pulmonic valve is normal. There is no pulmonic valvular regurgitation.
ARTERIES:
The aortic root is normal size.
VENOUS:
The inferior vena cava is normal in size, and collapses normally with respiration.
PERICARDIUM/PLEURA:
There is no pericardial effusion.

READING PHYSICIAN:Electronically signed by: RAUL BLANCO, MD on 12/12/2014 01:02 PM

Result Comment

MD) Dx: CAD (coronary artery disease); Dyspnea

Notes Recorded by John W Hurst Jr., MD on 12/13/2014 at 11:05 AM
Echocardiogram shows normal cardiac size and pumping function Keep working on weight reduction and exercise

TSH - Final result (11/03/2014 10:06 AM)

Component	Value	Range
TSH	1.15	0.40-4.50 mIU/L

Result Comment

Thyroid function is fine, blood sugar is elevated but I am not sure if your were fasting

T4 FREE (T4, FREE) - Final result (11/03/2014 10:06 AM)

Component	Value	Range
Free T4	1.1	0.8-1.8 ng/dL

Result Comment

Thyroid function is fine, blood sugar is elevated but I am not sure if your were fasting

COMPREHENSIVE METABOLIC PANEL - Final result (11/03/2014 10:06 AM)

Component	Value	Range
Glucose	125 **Comment:** Fasting reference interval	65-99 mg/dL
BUN	18	7-25 mg/dL
Creatinine	1.12 **Comment:** For patients >49 years of age, the reference limit for Creatinine is approximately 13% higher for people identified as African-American.	0.70-1.33 mg/dL
GFR MDRD Non Af Amer	73	> OR = 60 mL/min/1.73m2
GFR MDRD Af Amer	84	> OR = 60 mL/min/1.73m2
BUN/Creatinine Ratio	NOT APPLICABLE	6-22 (calc)
Sodium	140	135-146 mmol/L
Potassium	4.1	3.5-5.3 mmol/L
Chloride	102	98-110 mmol/L
CO2	25	19-30 mmol/L
Calcium	9.1	8.6-10.3 mg/dL
Total Protein	7.7	6.1-8.1 g/dL
Albumin	4.6	3.6-5.1 g/dL
Globulin, Total	3.1	1.9-3.7 g/dL (calc)
Albumin/Globulin Ratio	1.5	1.0-2.5 (calc)
Total Bilirubin	1.1	0.2-1.2 mg/dL
Alkaline Phosphatase	63	40-115 U/L
AST	30	10-35 U/L
ALT	36	9-46 U/L

Result Comment

Thyroid function is fine, blood sugar is elevated but I am not sure if your were fasting

LIPID PANEL - Final result (11/03/2014 10:06 AM)

Component	Value	Range
Cholesterol, Total	176	125-200 mg/dL
Hdl	48	> OR = 40 mg/dL
Triglycerides	107	<150 mg/dL
LDL Calculated	107 **Comment:** Desirable range <100 mg/dL for patients with CHD or diabetes and <70 mg/dL for diabetic patients with known heart disease.	<130 mg/dL (calc)
Chol/HDL Ratio	3.7	< OR = 5.0 (calc)
Non HDL Chol. (LDL+VLDL)	128 **Comment:** Target for non-HDL cholesterol is 30 mg/dL higher than LDL cholesterol target.	mg/dL (calc)

Result Comment

Thyroid function is fine, blood sugar is elevated but I am not sure if your were fasting

LIPID PANEL - Final result (05/28/2014 10:22 AM)

Component	Value	Range
Cholesterol, Total	144	0-199 mg/dL
Triglycerides	86	0-150 mg/dL
Hdl	**Comment:** Low Risk >60 mg/dL 45 High Risk <40 mg/dL	40-60 mg/dL
LDL Calculated	82 **Comment:** National Cholesterol Education Program (ATP III) Treatment Goals LDL goal Non-HDL goal (mg/dl) (mg/dl) CHD and CHD risk equivalent <100 <130	mg/dL

Component	Value	Range
	(10-yr risk>20%) Multiple (2+) risk factors and <130 <160 10-yr risk <= 20% 0-1 risk factor <160 <190	

HEPATIC FUNCTION PANEL - Final result (05/28/2014 10:22 AM)

Component	Value	Range
Total Protein	7.2	6.4-8.9 g/dL
Albumin	4.5	3.5-5.7 g/dL
AST	24	13-39 U/L
ALT	30	7-52 IU/L
Alkaline Phosphatase	72	34-104 IU/L
Total Bilirubin	1.2	0.3-1.0 mg/dL
Bilirubin, Direct	0.20	0.03-0.18 mg/dL
Albumin/Globulin Ratio	1.7	
Bilirubin, Indirect	1.0	0.1-1.1 mg/dL

Result Comment

Lipids in good range per Dr.Hurst:Leslie Swain

HEMOGLOBIN A1C - Final result (03/03/2014 11:29 AM)

Component	Value	Range
Hemoglobin A1C	5.6	<5.7 % of total Hgb

Comment:

According to ADA guidelines, hemoglobin A1c
<7.0%
represents optimal control in non-pregnant
diabetic
patients. Different metrics may apply to
specific
patient populations. Standards of Medical
Care in
Diabetes-2013. Diabetes Care. 2013;36:s11-s66

For the purpose of screening for the presence
of
diabetes
<5.7% Consistent with the absence of
diabetes
5.7-6.4% Consistent with increased risk
for diabetes
(prediabetes)
>or=6.5% Consistent with diabetes

This assay result is consistent with a
decreased risk
of diabetes.

Currently, no consensus exists for use of
hemoglobin
A1c for diagnosis of diabetes for children.
Test Performed at:
QUEST DIAGNOSTICS-ATLANTA
1777 MONTREAL CIRCLE
TUCKER, GA 30084-6802 WILLIAM M MILLER,
MD

BASIC METABOLIC PANEL - Final result (03/03/2014 11:29 AM)

Component	Value	Range
Glucose	**Comment:** Fasting reference interval 149	65-99 mg/dL
BUN	18	7-25 mg/dL
Creatinine	0.98	0.70-1.33 mg/dL
GFR MDRD Non Af Amer	86	> OR = 60 mL/min/1.73m2
GFR MDRD Af Amer	99	> OR = 60 mL/min/1.73m2
BUN/Creatinine Ratio	NOT APPLICABLE	6-22 (calc)
Sodium	136	135-146 mmol/L
Potassium	4.1	3.5-5.3 mmol/L

Comment:

For patients >49 years of age, the reference
limit
for Creatinine is approximately 13% higher
for people
identified as African-American.

Component	Value	Range
Chloride	101	98-110 mmol/L
CO2	25	19-30 mmol/L
Calcium	9.3 **Comment:** Test Performed at: QUEST DIAGNOSTICS-ATLANTA 1777 MONTREAL CIRCLE TUCKER, GA 30084-6802 WILLIAM M MILLER, MD	8.6-10.3 mg/dL

Result Comment

Your A1c is much better. Even the non fasting blood glucose is good

COMPREHENSIVE METABOLIC PANEL - Final result (11/20/2013 9:56 AM)

Component	Value	Range
Glucose	**Comment:** Fasting reference interval 120	65-99 mg/dL
BUN	22	7-25 mg/dL
Creatinine	0.89 **Comment:** For patients >49 years of age, the reference limit for Creatinine is approximately 13% higher for people identified as African-American.	0.70-1.33 mg/dL
GFR MDRD Non Af Amer	96	> OR = 60 mL/min/1.73m2
GFR MDRD Af Amer	111	> OR = 60 mL/min/1.73m2
BUN/Creatinine Ratio	NOT APPLICABLE	6-22 (calc)
Sodium	142	135-146 mmol/L
Potassium	4.3	3.5-5.3 mmol/L
Chloride	104	98-110 mmol/L
CO2	26	19-30 mmol/L
Calcium	8.9	8.6-10.3 mg/dL
Total Protein	6.5	6.1-8.1 g/dL
Albumin	4.1	3.6-5.1 g/dL
Globulin, Total	2.4	1.9-3.7 g/dL (calc)
Albumin/Globulin Ratio	1.7	1.0-2.5 (calc)
Total Bilirubin	0.6	0.2-1.2 mg/dL
Alkaline Phosphatase	57	40-115 U/L
AST	32	10-35 U/L
ALT	62 **Comment:** Test Performed at: QUEST DIAGNOSTICS-ATLANTA 1777 MONTREAL CIRCLE TUCKER, GA 30084-6802 WILLIAM M MILLER, MD	9-46 U/L

Result Comment

Your A1c is worse and your fasting blood glucose is higher, we will repeat in 3 months, if your numbers do not improve we will need begin diabetes medicine

HEMOGLOBIN A1C - Final result (11/20/2013 9:56 AM)

Component	Value	Range
Hemoglobin A1C	6.1 **Comment:** According to ADA guidelines, hemoglobin A1c <7.0% represents optimal control in non-pregnant diabetic patients. Different metrics may apply to specific patient populations. Standards of Medical Care in Diabetes-2013. Diabetes Care. 2013;36:s11-s66 For the purpose of screening for the presence of diabetes <5.7% Consistent with the absence of diabetes 5.7-6.4% Consistent with increased risk for diabetes (prediabetes) >or=6.5% Consistent with diabetes	<5.7 % of total Hgb

Component	Value	Range
	This assay result is consistent with a higher risk of diabetes. Currently, no consensus exists for use of hemoglobin A1c for diagnosis of diabetes for children. Test Performed at: QUEST DIAGNOSTICS-ATLANTA 1777 MONTREAL CIRCLE TUCKER, GA 30084-6802 WILLIAM M MILLER, MD	

LIPID PANEL - Final result (11/20/2013 9:56 AM)

Component	Value	Range
Cholesterol, Total	176	125-200 mg/dL
Hdl	45	> OR = 40 mg/dL
Triglycerides	159	<150 mg/dL
LDL Calculated	99 **Comment:** Desirable range <100 mg/dL for patients with CHD or diabetes and <70 mg/dL for diabetic patients with known heart disease.	<130 mg/dL (calc)
Chol/HDL Ratio	3.9	< OR = 5.0 (calc)
Non HDL Chol. (LDL+VLDL)	131 **Comment:** Target for non-HDL cholesterol is 30 mg/dL higher than LDL cholesterol target. Test Performed at: QUEST DIAGNOSTICS-ATLANTA 1777 MONTREAL CIRCLE TUCKER, GA 30084-6802 WILLIAM M MILLER, MD	mg/dL (calc)

BASIC METABOLIC PANEL - Final result (08/12/2013 11:46 AM)

Component	Value	Range
Glucose	**Comment:** Fasting reference interval 99	65-99 mg/dL
BUN	25	7-25 mg/dL
Creatinine	1.01 **Comment:** For patients >49 years of age, the reference limit for Creatinine is approximately 13% higher for people identified as African-American.	0.70-1.33 mg/dL
GFR MDRD Non Af Amer	83	> OR = 60 mL/min/1.73m2
GFR MDRD Af Amer	96	> OR = 60 mL/min/1.73m2
BUN/Creatinine Ratio	NOT APPLICABLE	6-22 (calc)
Sodium	136	135-146 mmol/L
Potassium	4.0	3.5-5.3 mmol/L
Chloride	100	98-110 mmol/L
CO2	25	19-30 mmol/L
Calcium	9.5 **Comment:** Test Performed at: QUEST DIAGNOSTICS-ATLANTA 1777 MONTREAL CIRCLE TUCKER, GA 30084-6802 WILLIAM M MILLER, MD	8.6-10.3 mg/dL

Result Comment
Your labs look pretty good

HEMOGLOBIN A1C - Final result (08/12/2013 11:46 AM)

Component	Value	Range
Hemoglobin A1C	5.7 **Comment:** Increased risk of diabetes <5.7 Decreased risk of	<5.7 % of total Hgb

Component	Value	Range
	diabetes 5.7-6.0 Increased risk of diabetes 6.1-6.4 Higher risk of diabetes > or = 6.5 Consistent with diabetes These Reference Intervals are supported by the current "Standards of Medical Care in Diabetes" published in January of the current year in Diabetes Care, the Journal of the American Diabetes Association. Test Performed at: QUEST DIAGNOSTICS-ATLANTA 1777 MONTREAL CIRCLE TUCKER, GA 30084-6802 WILLIAM M MILLER, MD	

Result Comment

Your labs look pretty good

If you take your Lucy record on a thumb drive to a different doctor, he or she might be able to use his computer to read the file electronically. Your downloaded, machine-readable Personal Health Summary document is in a format called "CDA." If your doctor has a computer that understands CDA, your information is a folder on your thumb drive called **MachineReadable_XDMFormat**. You might need to enter a password before your doctor can use this file.