



Beverly Woo, MD Associate Professor of Medicine Harvard Medical School

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Phone: Email:

Date: Wednesday, December 4, 2019

#### MEDICAL REPORT FOR ELIZABETH WARREN

The following is a medical report for Senator Elizabeth Warren. I am an Internal Medicine physician at Brigham and Women's Hospital in Boston, Massachusetts. I have been Senator Warren's primary care physician since 1999.

Senator Warren is in excellent health and has been throughout the 20 years I have served as her physician. Over that time period, she has had regular periodic health examinations and has had all recommended tests for health maintenance and prevention. Her only medical condition is hypothyroidism. She currently takes levothyroxine 0.88 mg per day, which restores her thyroid hormone level to normal.

In October 2019, Senator Warren got her annual flu shot. Her most recent physical examination, on January 14, 2019, was normal, including her blood pressure which was 115/57 and cardiac exam with a regular rate of 70 per minute. Her height was 5 feet 8 inches and weight was 129 pounds. Senator Warren also had blood tests done which were all entirely normal. She had an excellent cholesterol profile with total cholesterol = 193 mg/dL, triglycerides = 48 mg/dL, HDL = 95 mg/dL, and LDL = 88 mg/dL.

She also had the following blood tests with normal results: Complete Blood Count, Comprehensive Metabolic Panel, Hemoglobin A1C test of average blood sugar, TSH thyroid test, and Vitamin D level. On January 14, 2019, she also had a mammogram for screening for breast cancer which was normal. Senator Warren has never smoked, used drugs or had any problem with alcohol use. She exercises regularly and follows a healthy diet despite her very busy schedule.

In summary, Senator Elizabeth Warren is a very healthy 70 year old woman. There are no medical conditions or health problems that would keep her from fulfilling the duties of the President of the United States.

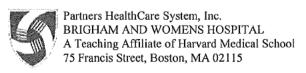
Beverly Woo, M.D.

MRN: WARREN,ELIZABETH
Date of Birth: 06/22/1949

Sex: F

# **Hematology Report**

Accession:  Collected: 01/14/2019 10:34  Reporting Lab: BWH Ordering Provider: WOO, BEVERLY  Received: 01/14/2019 10:44  Logged In: 01/14/2019 10:44									
Test Description		Result		Flags	Ref Range	Units	Completed		
WBC	Test Performed By: BWH Clinical Laborator 75 Francis St., Bostor 617-732-6245, LIC#		Milenko	Tanasije	(4.00-10.00)	K/uL	01/14/2019 10:59		
HCT	Test Performed By: BWH Clinical Laborator 75 Francis St., Bostor 617-732-6245, LIC#		Milenko	Tanasije	(36.0-48.0) vic, MD	%	01/14/2019 10:59		
HGB	Test Performed By: BWH Clinical Laborator 75 Francis St., Bostor 617-732-6245, LIC#	13.2 ries, Director: n, MA 02115	Milenko	Tanasije	(11.5-16.4) vic, MD	g/dL	01/14/2019 10:59		
RBC	Test Performed By: BWH Clinical Laborator 75 Francis St., Bostor 617-732-6245, LIC#		Milenko	Tanasije	(3.90-6.00) vic, MD	M/uL	01/14/2019 10:59		
PLT	Test Performed By: BWH Clinical Laborator 75 Francis St., Bostor 617-732-6245, LIC#		Milenko	Tanasije	(150-450) vic, MD	K/uL	01/14/2019 10:59		
MCV	Test Performed By: BWH Clinical Laborator 75 Francis St., Bostor 617-732-6245, LIC#		Milenko	Tanasije	(80.0-95.0) vic, MD	fL	01/14/2019 10:59		
MCH	Test Performed By: BWH Clinical Laborator 75 Francis St., Bostor 617-732-6245, LIC#		Milenko	Tanasije	(27.0-32.0) vic, MD	bа	01/14/2019 10:59		
MCHC	Test Performed By: BWH Clinical Laborator 75 Francis St., Bostor 617-732-6245, LIC#		Milenko	Tanasije	(32.0-36.0) vic, MD	g/dL	01/14/2019 10:59		
RDW	Test Performed By: BWH Clinical Laborator 75 Francis St., Boston 617-732-6245, LIC#		Milenko	Tanasije	(11.5-14.5)	૾ૼ	01/14/2019 10:59		
MPV	Test Performed By: BWH Clinical Laborator 75 Francis St., Bostor 617-732-6245, LIC#		Milenko	Tanasije	(8.4-12.0) vic, MD	fl	01/14/2019 10:59		



MRN: WARREN, ELIZABETH Date of Birth: 06/22/1949

Sex: F

### **Hematology Report**

Accession:

Collected: 01/14/2019 10:34

Received:

01/14/2019 10:45

Reporting Lab: BWH Ordering Provider: WOO, BEVERLY

Test Description

Absolute NRBC

Logged In: 01/14/2019 10:45

Flags Ref Range Units /100

Completed

NRBC

Result 0.00

(0.00)

WBCs

01/14/2019 10:59

Test Performed By:

BWH Clinical Laboratories, Director: Milenko Tanasijevic, MD

75 Francis St., Boston, MA 02115

617-732-6245, LIC#

(0.00)

K/uL

01/14/2019 10:59

Test Performed By:

BWH Clinical Laboratories, Director: Milenko Tanasijevic, MD

75 Francis St., Boston, MA 02115

617-732-6245, LIC#

Flag Key: L(Abnormally Low) LL (Critically Low)

H(Abnormally High) HH (Critically High) \* (Abnormal) C(Corrected)

Printed: 12/02/2019 18:20

MRN: WARREN,ELIZABETH Date of Birth: 06/22/1949

Sex: F

### **Chemistry Report**

Accession Collected: 01/14/2019 10:34 Reporting Lab: BWH Received: 01/14/2019 10:45 Ordering Provider: WOO, BEVERLY Logged In: 01/14/2019 10:45 Test Description Result Flags Ref Range Units Completed (136-145) mmol/L 01/14/2019 11:29 Sodium 141 Test Performed By: BWH Clinical Laboratories, Director: Milenko Tanasijevic, MD 75 Francis St., Boston, MA 02115 617-732-6245, LIC# mmol/L 01/14/2019 11:29 Potassium 5.0 (3.4-5,1)Test Performed By: BWH Clinical Laboratories, Director: Milenko Tanasijevic, MD 75 Francis St., Boston, MA 02115 617-732-6245, LIC# Chloride 101 (98-107)mmol/L 01/14/2019 11:29 Test Performed By: BWH Clinical Laboratories, Director: Milenko Tanasijevic, MD 75 Francis St., Boston, MA 02115 617-732-6245, LIC# 01/14/2019 11:29 Carbon Dioxide 3.0 (22-31)mmol/L Test Performed By: BWH Clinical Laboratories, Director: Milenko Tanasijevic, MD 75 Francis St., Boston, MA 02115 617-732-6245, LIC# Anion GAP (7-17)mmol/L 01/14/2019 11:29 Test Performed By: BWH Clinical Laboratories, Director: Milenko Tanasijevic, MD 75 Francis St., Boston, MA 02115 617-732-6245, LIC# Calcium 9.4 (8.8-10.7)mg/dL 01/14/2019 11:29 Test Performed By: BWH Clinical Laboratories, Director: Milenko Tanasijevic, MD 75 Francis St., Boston, MA 02115 617-732-6245, LIC# Urea Nitrogen (6-23)mg/dL 01/14/2019 11:29 Test Performed By: BWH Clinical Laboratories, Director: Milenko Tanasijevic, MD 75 Francis St., Boston, MA 02115 617-732-6245, LIC# (0.50-1.20)mg/dL 01/14/2019 11:29 Creatinine Test Performed By: BWH Clinical Laboratories, Director: Milenko Tanasijevic, MD 75 Francis St., Boston, MA 02115 617-732-6245, LIC# mL/min/1 (>59) eGFR 90 01/14/2019 11:29 .73m2 If patient is black, multiply result by 1.159. Estimated glomerular filtration rate calculated using the CKD-EPI equation. Test Performed By: BWH Clinical Laboratories, Director: Milenko Tanasijevic, MD 75 Francis St., Boston, 617-732-6245, LIC#

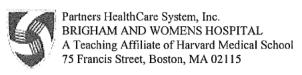
MRN:

WARREN, ELIZABETH Date of Birth; 06/22/1949

Sex: F

# **Chemistry Report**

	: Lab: BWH Provider: WOO,BEVERL	Y				Received:	01/14/2019 10:34 01/14/2019 10:45 01/14/2019 10:45
Test Des Glucose	Cription  Test Performed By:  BWH Clinical Laborato. 75 Francis St., Bosto. 617-732-6245, LIC#		Milenko	Flags H Tanasije	Ref Range (70-100)	<b>Units</b> mg/dL	Completed 01/14/2019 11:29
Total Pro	•		Milenko	Tanasije	(6.4-8.3) vic, MD	g/dL	01/14/2019 11:29
Albumin	Test Performed By: BWH Clinical Laborato 75 Francis St., Bosto 617-732-6245, LIC#		Milenko	Tanasije	(3.5-5.2) vic, MD	g/dL	01/14/2019 11:29
Globulin	Test Performed By: BWH Clinical Laborato: 75 Francis St., Bosto: 617-732-6245, LIC#	2.8 ries, Director: n, MA 02115	Milenko	Tanasije	(2.2-4.2) vic, MD	g/dL	01/14/2019 11:29
Total Bil	irubin Test Performed By: BWH Clinical Laborato: 75 Francis St., Bosto: 617-732-6245, LIC#		Milenko	Tanasije	(0.0-1.0) vic, MD	mg/dL	01/14/2019 11:29
Triglycer	ides Test Performed By: BWH Clinical Laborato: 75 Francis St., Bosto: 617-732-6245, LIC#		Milenko	Tanasije <sup>.</sup>	(35-150) vic, MD	mg/dL	01/14/2019 11:29
Cholester	ol Test Performed By: BWH Clinical Laborato: 75 Francis St., Bosto: 617-732-6245, LIC#		Milenko	Tanasije <sup>.</sup>	(<200) vic, MD	mg/dL	01/14/2019 11:29
High Dens	ity Lipoprotein Test Performed By: BWH Clinical Laborator 75 Francis St., Bostor 617-732-6245, LIC#		Milenko	H Tanasije	(40-80) vic, MD	mg/dL	01/14/2019 11:29
Cardiac R	isk Ratio Test Performed By: BWH Clinical Laborator 75 Francis St., Bostor 617-732-6245, LIC#		Milenko	Tanasije	(0.0-4.0) vic, MD		01/14/2019 11:29
Alkaline	Phosphatase Test Performed By: BWH Clinical Laborator 75 Francis St., Bostor 617-732-6245, LIC#		Milenko	Tanasije	(35-130) vic, MD	U/L	01/14/2019 11:29



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## Chemistry Report

Accession: Collected: 01/14/2019 10:34 Reporting Lab: BWH Received: 01/14/2019 10:45 Ordering Provider: WOO, BEVERLY Logged In: 01/14/2019 10:45

Ref Range Test Description Result Units Flags Completed ALT (10-50)Π\Γ 01/14/2019 11:29

Test Performed By:

BWH Clinical Laboratories, Director: Milenko Tanasijevic, MD

75 Francis St., Boston 02115 617-732-6245, LIC#

AST (10-50)U/L 01/14/2019 11:29

Test Performed By:

BWH Clinical Laboratories, Director: Milenko Tanasijevic, MD

75 Francis St., Boston, MA 02115 617-732-6245, LIC#

25 OH VIT D (TOTAL) (20 - 80)ng/mL 01/14/2019 20:45 This assay may underestimate total Vitamin D concentrations in patients receiving 50,000 IU of

Vitamin D2.

Test Performed By:

BWH Clinical Laboratories, Director: Milenko Tanasijevic, MD

75 Francis St., Boston. MA 02115

617-732-6245, LIC#

Thyroid Stimulating Hormone 3.43 (0.50-5.70)uIU/mL 01/14/2019 11:29

Test Performed By:

BWH Clinical Laboratories, Director: Milenko Tanasijevic, MD

75 Francis St., Boston, MA 02115

617-732-6245, LIC#

Hemoglobin A1C 5.8 (4.2-5.8)01/14/2019 12:05

Test Performed By:

BWH Clinical Laboratories, Director: Milenko Tanasijevic, MD

75 Francis St., Boston, MA 02115

617-732-6245, LIC#

Calc Mean Bld Glucose 120 mg/dL 01/14/2019 12:05

There is no established normal range for the CMBG (Calculated Mean Blood Glucose). A hemoglobin A1c < 7% is the recommended target for most people with diabetes. The CMBG for an Alc of 7% is 154 mg/dL. The diagnostic hemoglobin A1c level for diabetes is greater than or equal to 6.5% which is a CMBG greater than or equal to 140 mg/dL.

Test Performed By:

BWH Clinical Laboratories, Director: Milenko Tanasijevic, MD

75 Francis St., Boston, MA 02115

617-732-6245, LIC#

CALCULATED LDL (50-129) mg/dL 01/14/2019 11:29

Test Performed By:

BWH Clinical Laboratories, Director: Milenko Tanasijevic, MD

75 Francis St., Boston.

617-732-6245, LIC#

Very Low Density Lipoprotein, LL

mg/dL 01/14/2019 11:29

Test Performed By:

BWH Clinical Laboratories, Director: Milenko Tanasijevic, MD

75 Francis St., Boston, MA 02115

617-732-6245, LIC#

Flag Key: L(Abnormally Low) H(Abnormally High) \* (Abnormal) LL(Critically Low) HH (Critically High) C(Corrected)

Printed: 12/02/2019 18:19