

| Phenotype | Value | Timestamp |
|--------------------------------|----------|------------|
| Adenomatous polyps of | 3 | 3/30/2017 |
| Polyps of colon - additio | 7 | 3/30/2017 |
| Rheumatoid factor - IU / | 401 | 2/15/2016 |
| Ferritin - ng/mL - After Q | 286.85 | 2/9/2016 |
| Uric Acid - mg/dL | 5.5 | 2/9/2016 |
| Antinuclear Ab | Negative | 2/9/2016 |
| Sedimentation Rate - mr | 2 | 2/9/2016 |
| rheumatoid factor - IU / | 350 | 3/1/2016 |
| C4 Complement Compor | 16.7 | 5/19/2016 |
| Schirmer Test strips - m | 5 | 5/19/2016 |
| Swollen/raised 7/16"-lor | 2 | 1/3/2014 |
| Vaulted roof of mouth - Q38.5 | | 8/21/2012 |
| micrognathia | Yes | 8/21/2012 |
| Malocclusion, Unspec | M26.219 | 8/21/2012 |
| Vertical Cracks in molar: | 4 | 10/5/2015 |
| Ferritin - ng/mL - After Q | 281 | 11/25/2015 |
| Ferritin - ng/mL | 479 | 10/30/2014 |
| Iron Serum - ug/dL | 149 | 11/7/2015 |
| Unsaturated IBC - ug/dL | 175 | 11/7/2015 |
| Calculated Total TIBC - u | 324 | 11/7/2015 |
| Calc % Iron Saturation - p | 46 | 11/7/2015 |
| Complete Blood Count - | 5.5 | 12/6/2016 |
| Complete Blood Count - | 4.18 | 12/6/2016 |
| Complete Blood Count - | 13.7 | 12/6/2016 |
| Complete Blood Count - | 41.5 | 12/6/2016 |
| MCV - fL | 99 | 12/6/2016 |
| MCH - pg | 32.8 | 12/6/2016 |
| MCHC - g/dL | 33 | 12/6/2016 |
| Complete Blood Count - | 13.5 | 12/6/2016 |
| Complete Blood Count - | 210 | 12/6/2016 |
| Neutrophils - % | 47.4 | 12/6/2016 |
| Lymphocytes - % | 38.4 | 12/6/2016 |
| Monocytes - % | 12.2 | 12/6/2016 |
| Eosinophils - % | 2 | 12/6/2016 |
| Basophils - % | 0 | 12/6/2016 |
| Immature Granulocytes - | 0 | 12/6/2016 |
| Neutrophils - # - K/uL | 1.67 | 12/6/2016 |
| Lymphocytes - # - K/uL | 1.35 | 12/6/2016 |
| Monocytes - # - K/uL | 0.43 | 12/6/2016 |
| Eosinophils - # - K/uL | 0.07 | 12/6/2016 |
| Basophils - # - K/uL | 0 | 12/6/2016 |
| Immature Granulocytes - | 0 | 12/6/2016 |
| PSA Diagnostic - ng/mL | 0.526 | 12/6/2016 |
| Free PSA - ng/mL | 0.112 | 12/6/2016 |
| Testosterone, Total - ng/ | 4.41 | 12/6/2016 |
| SHBG - nmol/L | 40.6 | 12/6/2016 |

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| Calculated Free Testoste | 77.71 | 12/6/2016 |
| % Free Testosterone - % | 1.76 | 12/6/2016 |
| Prolactin - ng/mL | 14.3 | 12/6/2016 |
| Leutinizing Hormone - m | 2.4 | 12/6/2016 |
| FSH - mIU/mL | 4.9 | 12/6/2016 |
| Estradiol - pg/mL | 16.6 | 12/6/2016 |
| CRP High Sensitivity - mg | 0.4 | 12/6/2016 |
| Vitamin B12 - pg/mL - Af | 532 | 12/6/2016 |
| Free T4 - ng/dL | 1.21 | 11/11/2016 |
| TSH - uIU / mL | 1.57 | 11/11/2016 |
| Free T3 - pg/mL | 3.58 | 11/11/2016 |
| HDL-C - mg/dL | 33 | 11/11/2016 |
| LDL-P nmol/L | 836 | 11/11/2016 |
| LDL-C mg/dL | 63 | 11/11/2016 |
| Triglycerides - mg/dL | 102 | 11/11/2016 |
| Cholesterol, Total - mg/c | 116 | 11/11/2016 |
| HDL Particle Number - ui | 18.8 | 11/11/2016 |
| Small LDL-P - nmol/L | 343 | 11/11/2016 |
| LDL Particle Size - nm | 20.6 | 11/11/2016 |
| Large VLDL-P - nmol/L | 2.3 | 11/11/2016 |
| Large HDL-P -umol/L | 4.8 | 11/11/2016 |
| VLDL size - nm | 47.1 | 11/11/2016 |
| HDL size - nm | 9.1 | 11/11/2016 |
| LP IR Score | 47 | 11/11/2016 |
| Urinalysis - pH | 5 | 11/11/2016 |
| Urine - Microscopic Anal MANY | | 11/11/2016 |
| TNF - alpha - pg/mL | 23 | 3/1/2016 |
| CCP IgG | 5 | 3/1/2016 |
| HDL-C - mg/dL | 40 | 12/1/2015 |
| LDL-P nmol/L | 820 | 12/1/2015 |
| LDL-C mg/dL | 70 | 12/1/2015 |
| Triglycerides - mg/dL | 100 | 12/1/2015 |
| Cholesterol, Total - mg/c | 130 | 12/1/2015 |
| HDL Particle Number - ui | 25.2 | 12/1/2015 |
| Small LDL-P - nmol/L | 95 | 12/1/2015 |
| LDL Particle Size - nm | 21.1 | 12/1/2015 |
| Large VLDL-P - nmol/L | 1.3 | 12/1/2015 |
| Large HDL-P -umol/L | 2.9 | 12/1/2015 |
| VLDL size - nm | 46.2 | 12/1/2015 |
| HDL size - nm | 8.8 | 12/1/2015 |
| LP IR Score | 42 | 12/1/2015 |
| Glycohemoglobin A1C - % | 5.4 | 11/25/2015 |
| Mean Glucose Estimatec | 108 | 11/25/2015 |
| Complete Blood Count - | 3.9 | 11/25/2015 |
| Complete Blood Count - | 3.71 | 11/25/2015 |
| Complete Blood Count - | 11.8 | 11/25/2015 |
| Complete Blood Count - | 35.6 | 11/25/2015 |

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| MCV - fL | 96 | 11/25/2015 |
| MCH - pg | 31.8 | 11/25/2015 |
| MCHC - g/dL | 33.1 | 11/25/2015 |
| Complete Blood Count - | 12.6 | 11/25/2015 |
| Complete Blood Count - | 195 | 11/25/2015 |
| Neutrophils - % | 52.8 | 11/25/2015 |
| Lymphocytes - % | 35 | 11/25/2015 |
| Monocytes - % | 10.1 | 11/25/2015 |
| Eosinophils - % | 1.8 | 11/25/2015 |
| Basophils - % | 0.3 | 11/25/2015 |
| Neutrophils - # - K/uL | 2.06 | 11/25/2015 |
| Lymphocytes - # - K/uL | 1.37 | 11/25/2015 |
| Monocytes - # - K/uL | 0.39 | 11/25/2015 |
| Eosinophils - # - K/uL | 0.07 | 11/25/2015 |
| Basophils - # - K/uL | 0.01 | 11/25/2015 |
| GGT - U/L | 22 | 11/25/2015 |
| Vitamin D, 25-Hydrox - n | 32 | 11/25/2015 |
| Gliadin IgG Deam - U/ml | 9.4 | 11/14/2014 |
| Gliadin IgA Deam - U/mL | 16.6 | 11/14/2014 |
| TTG IgA | 0.8 | 11/14/2014 |
| Osteophytes of Vertebra | 5 | 7/8/1987 |
| Scoliosis - Thoracic Kyph 3 Vertabrae - Moderate | | 2/20/1991 |
| Osteochondrosis of spine Yes | | 8/29/2012 |
| Bradycardia - 50 to 55 bpm Mild | | 7/22/1997 |
| Nocturnal Diaphoresis - Mild to Moderate | | 7/12/2010 |
| Small Intestinal Bacterial Mild | | 9/30/2017 |
| Lattice degeneration of c Bilateral | | 7/9/2012 |
| Nevus of Left Retina | | 8/29/2012 |
| Hepatomegaly NOS - Mild | | 3/28/2014 |
| Onset - muscle weakness Yes | | 10/14/2014 |
| Ended - After Hydroxychloroquine | | 3/1/2018 |
| Hydroxychloroquine 200 Once a day in the morning | | 2/15/2018 |
| Amlodipine Besylate 5 mg Once a day in the morning | | 4/24/2018 |
| Barlean's Omega Swirl Fish Oil 1 tsp Once a day, morning | | 3/1/2018 |
| Gamma Aminobutyric Acid Twice per week, evening | | 7/15/2013 |
| Active B12 Dibenzoate Five times per week, morning | | 1/22/2015 |
| Vitamin D3 - 5,000 IU Once a day in the morning | | 10/15/2017 |
| Dymista 137 mcg/50mcg One or two sprays either side | | 12/22/2017 |
| "Magic Mouthwash" Cor One tsp, every other day | | 4/11/2018 |
| Vitamin Shoppe Brand M One caplet, every other day | | 7/15/2017 |
| Culturelle Probiotic Pro-1 One capsule, daily in the morning | | 12/15/2017 |
| Biotin - Solgar 1000 mcg, Three times per week, in the morning | | 7/15/2017 |
| Folic Acid - Solgar 400 mcg Three times per week, in the morning | | 7/15/2017 |
| Zinc Orotate 30 - KAL 30 Twice per week, morning | | 2/1/2018 |
| B-Complex 50 - Solaray Five times per week, morning | | 1/22/2015 |
| Zyrtec OTC 10 mg - tablet One capsule, daily in the morning, every season except Nov to Feb | | |
| Manganese Glycinate An Once or twice per week | | 7/15/2017 |

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| Pyridoxal 5' Phosphate 3 Five times per week, mc | | 7/15/2017 |
| Hypermobility Syndrome Small joints of fingers, k | | 7/28/2010 |
| Ehlers Danlos Syndrome Mild | | 6/26/2013 |
| Poor spatial processing, Yes | | 6/30/1977 |
| Regular, intermittent ble Two to seven times per | | 6/17/2013 |
| Regular, intermittent ble No More | | 2/2/2015 |
| Vulnerable to Fungal infections / fungal allergies | | |
| Reactive on Soil Mold All Moderate 6 of 18 and 9 | | 7/7/2005 |
| Recurrent athlete's foot Two or three times per y | | 7/14/1988 |
| Vasectomy Yes | | 8/18/2003 |
| Premature Ejaculation, P Severe | | 1/27/2006 |
| Xerostomia - K11.7 Mild to Moderate | | 1/22/2014 |
| Pectus Excavatum, Chest Moderate | | 2/22/2016 |
| Complete Blood Count - 9.9 | | 4/23/2018 |
| Complete Blood Count - 4.79 | | 4/23/2018 |
| Complete Blood Count - 15.6 | | 4/23/2018 |
| Complete Blood Count - 45.9 | | 4/23/2018 |
| MCV - fL 95.8 | | 4/23/2018 |
| MCH - pg 32.6 | | 4/23/2018 |
| MCHC - g/dL 34 | | 4/23/2018 |
| Neutrophils - # - K/uL 6.683 | | 4/23/2018 |
| Lymphocytes - # - K/uL 2.257 | | 4/23/2018 |
| Monocytes - # - K/uL 0.802 | | 4/23/2018 |
| Eosinophils - # - K/uL 0.139 | | 4/23/2018 |
| Basophils - # - K/uL 0.002 | | 4/23/2018 |
| Neutrophils - % 67.5 | | 4/23/2018 |
| Lymphocytes - % 22.8 | | 4/23/2018 |
| Monocytes - % 8.1 | | 4/23/2018 |
| Eosinophils - % 1.4 | | 4/23/2018 |
| Basophils - % 0.2 | | 4/23/2018 |
| IgG Analyte - mg/dL 1241 | | 4/23/2018 |
| IgA Analyte - mg/dL 199 | | 4/23/2018 |
| IgM Analyte - mg/dL 113 | | 4/23/2018 |
| C-Reactive Protein - mg, 0.7 | | 4/23/2018 |
| IgE Analyte - kU/L 61 | | 4/23/2018 |
| Renin - Plasma Activity - 0.3 | | 6/17/2013 |
| Coronary Calcification Sc 0 | | 9/17/2012 |
| Coronary Calcification Scoring and Thoracic CT - 9 | | 4/23/2018 |
| ECG - Left Ventricular H, 55 | | 9/18/2012 |
| ECG - Mitral Valve Regu Floppy Valve without pr | | 9/18/2012 |
| ECG - LA - mm 46 | | 9/18/2012 |
| ECG - LVDd - NL % 61 | | 9/18/2012 |
| ECG - FS - % 46 | | 9/18/2012 |
| ECG - Pulmonic Valve - Ir Trace | | 9/18/2012 |
| ECG - LV Diastolic Functi 295 | | 9/18/2012 |
| ECG - Mitral Valve Dysful No | | 5/10/2018 |
| Aldosterone - Serum - ng 4.6 | | 6/19/2013 |

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| Saliva Hormone Panel C | 4.5 | 12/20/2010 |
| Saliva Hormone Panel C | 12.5 | 12/20/2010 |
| Saliva Hormone Panel C | 47.6 | 12/20/2010 |
| Saliva Hormone Panel C | 1523.6 | 12/20/2010 |
| Saliva Hormone Panel C | 71.1 | 12/20/2010 |
| Saliva Hormone Panel C | 883.6 | 12/20/2010 |
| Saliva Hormone Panel C | 74.5 | 12/20/2010 |
| Saliva Hormone Panel C | 433.3 | 12/20/2010 |
| Saliva Hormone Panel C | 14.3 | 12/20/2010 |
| Saliva Hormone Panel C | 19.5 | 12/20/2010 |
| Saliva Hormone Panel C | 259.1 | 12/20/2010 |
| Insomnia, Chronic, Long- 4 Times per week or mo | | 6/17/2013 |
| Parathesia of Left Arm tc Constant | | 3/5/2014 |
| Parathesia of Left Arm tc Gone | | 8/20/2014 |
| Parathesia , Left Arm - reclined seating , prolonge | | 12/20/2016 |
| Anechoic Cystic regions c Mild Caliectasis | | 3/28/2014 |
| Hypertension Stage 1 | | 7/20/1997 |
| Depression 296.21 ICD-! Mild, Single Episode | | 10/20/1993 |
| Thick bubbly mucus that Moderate | | 2/17/2014 |
| Skin cancer, sebaceous c Xymatous neoplasm | | 12/27/2015 |
| joint contracture, neck a Unable to turn head 90 | | 8/1/1987 |
| acne, facial, chest mild, chronic | | 5/1/1981 |
| flat feet Severe | | 7/18/1984 |
| allergies - hay fever , gra Moderate | | 9/1/1986 |
| allergies - ragweed Moderate | | 9/1/1986 |
| allergies - tree flower po Moderate | | 7/7/2005 |
| Myopia 2 Diopters | | 5/1/1982 |
| Radialkeratotomy Left Ey 4 incision - mini Rk | | 3/24/1994 |
| Radialkeratotomy Right l 4 incision - mini Rk | | 4/8/1994 |
| Pronating Steps and Gait Mild | | 7/25/2016 |
| Low Serum HDL Below 38 | | 7/20/2010 |
| Low Serum Vitamin D3 Below 40 | | 7/20/2010 |
| Low Serum Vitamin B12 Below 300 without supp | | 10/14/2011 |
| Low Serum Zinc - ug/ dL 52 | | 10/24/2013 |
| Insensitivity to Cold Tem Moderate | | 11/10/2014 |
| Insensitivity to Cold Tem Ended - After Hydroxycl | | 3/1/2018 |
| Callouses on Feet, Balls c Moderate | | 9/4/1988 |
| Bent, Forward-leaning n Mild | | 10/1/1995 |
| Liver Biopsy No Iron No Cu Storage | | 6/23/2014 |