

| | VISIT | | | | | | | | | | | | |
|--------------------|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 1 | 2 | 3 | 4 | 5 | 5.1 | 5.2 | 7 | 8 | 9 | 10 | 11 | 12 |
| | 1972-1974 | 1972-1975 | 1978-1979 | 1984-1987 | 1988-1992 | 1991-1992 | 1991-1992 | 1992-1996 | 1997-1999 | 1999-2002 | 2003-2006 | 2007-2009 | 2014-2016 |
| | N=6629 | N=2004 | N=870 | N=2479 | N=1727 | N=313 | N=172 | N=1781 | N=1096 | N=1141 | N=870 | N=733 | N=221 |
| Demographics | age | • | • | • | • | • | • | • | • | • | • | • | • |
| | education | • | | | | | | | | | | | |
| | occupation | | | | • | | | | | | | | |
| Cognitive Function | race | • | | | | | • | | | | | | • |
| | Vital Status/Cause of Death | • | • | • | • | • | • | • | • | • | • | • | • |
| | American Nelson Adult Reading Test (AMNART) | | | | • | | | | | | | | |
| | Beck Depression Index | | | | | | | • | • | • | • | • | • |
| | Blessed Information Memory Concentration Test (BIMCT)* | | | | | • | | | • | • | • | • | • |
| | Buschke Selective Remind Test & Word Recognition | | | | | | | | • | • | • | • | • |
| | Buschke Delayed Recall | | | | | | | | | • | • | • | • |
| | Category Fluency- Animals | | | | | • | | | • | • | • | • | • |
| | Category Fluency- Fruits & Vegetables | | | | | | | • | • | • | • | • | • |
| | Cerad Word List | | | | | | | | • | | | • | • |
| | Heaton Visual Reproduction | | | | | • | | | | | | | • |
| | Logical Story Recall Test | | | | | | | | | | | | • |
| | Mini-Mental Status Exam | | | | | • | • | • | • | • | • | • | • |
| | Modified Mini-Mental (3MS) | | | | | | | | | • | • | • | • |
| | Modified Pfeffer Functional Activities Questionnaire | | | | | | | | | • | • | • | • |
| | Trails Making Test Part A | | | | | | | | | | | | • |
| | Trails Making Test Part B | | | | | • | | | | • | • | • | • |
| Labs- Blood | Hours Fasting | • | • | | • | | • | • | • | • | • | • | • |
| | Glucose | • | • | • | • | | • | • | • | • | • | • | • |
| | Glucose (post-challenge) | | | | • | | | | | | | | |
| | Insulin | | | | • | | | | | | | | |
| | Insulin (post-challenge) | | | | • | | | | | | | | |
| | C-Peptide | | | | | | | | | | | | |
| | Proinsulin | | | | | | | | | | | | |
| | Glycosolated Hemoglobin by col chroma | | | | • | | | | | | | | |
| | Glycosolated Hemoglobin by HPLC | | | | • | | | | • | • | | | |
| | Glycosolated Hemoglobin by affinity chrom | | | | | | | | | | | | |
| | Glycosolated Hemoglobin A1C | | | | | | | | | | | | |
| | Glycosolated Hemoglobin by IEC | | | | | | | | | | | | |
| | Glycosolated Hemoglobin by HPLC Method 3 | | | | | | | | | • | | | |
| | Glycosolated Hemoglobin Bio Rad Variant HPLC | | | | | | | | | | • | | |
| | Urea Nitrogen | | • | • | • | | | • | • | • | • | | |
| | Creatinine | | • | • | • | | | • | • | • | • | | |
| | Protein-Total | | • | • | • | | | • | • | • | • | | • |
| | Albumin | | • | • | • | | | • | • | • | • | | • |
| | Globulin | | • | • | • | | | • | • | • | • | | • |
| | Bilirubin | | • | • | • | | | • | • | • | • | | • |
| | GGT | | | | | | | • | • | • | • | | • |
| | SGOT | | • | | • | | | • | • | • | • | | • |
| | SGPT | | | | • | | | • | • | • | • | | • |
| | LDH | | • | | • | | | • | • | • | • | | • |
| | Alkaline Phosphatase | | • | | • | | | • | • | • | • | | • |
| | Calcium | | • | | • | | | • | • | • | • | | • |
| | Uric Acid | | • | | • | | | • | • | • | • | | • |
| | Cholesterol-Total | • | • | • | • | | | • | • | • | • | | • |
| | Triglycerides | • | | • | • | | | • | • | • | • | | • |
| | Cholesterol-HDL | | | • | • | | | • | • | • | • | | • |
| | Cholesterol-LDL | | | • | • | | | • | • | • | • | | • |
| | Cholesterol-Infanate | | | • | • | | | • | • | • | • | | • |
| | Cholesterol-VLDL | | | • | • | | | • | • | • | • | | • |
| | Plasma Apoprotein E | | | • | • | | | • | • | • | • | | • |
| | HDL Apoprotein E | | | • | • | | | • | • | • | • | | • |
| | Glycosolated Hemoglobin | | | • | • | | | • | • | • | • | | • |
| | Sodium | | | | • | | | • | • | • | • | | • |
| | Potassium | | | | • | | | • | • | • | • | | • |
| | Chloride | | | | • | | | • | • | • | • | | • |
| | CO2 | | | | • | | | • | • | • | • | | • |
| | Inorganic Phosphorous | | • | | • | | | • | • | • | • | | • |

| | VISIT | | | | | | | | | | | | | |
|--|---|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|
| | 1 | 2 | 3 | 4 | 5 | 5.1 | 5.2 | 7 | 8 | 9 | 10 | 11 | 12 | |
| | 1972-1974 | 1972-1975 | 1978-1979 | 1984-1987 | 1988-1992 | 1991-1992 | 1991-1992 | 1992-1996 | 1997-1999 | 1999-2002 | 2003-2006 | 2007-2009 | 2014-2016 | |
| | N=6629 | N=2004 | N=870 | N=2479 | N=1727 | N=313 | N=172 | N=1781 | N=1096 | N=1141 | N=870 | N=733 | N=221 | |
| Labs- Blood Cont. | Iron | | | | | • | • | • | • | | | | | |
| | Iron Binding Capacity | | | | | | | | • | | | | | |
| | Iron % Saturation | | | | | | | | • | | | | | |
| | Magnesium | | | | | | | • | • | • | | | | |
| | Fibrinogen | | | | | | | • | | | | | | |
| | Trace Zinc | | | | | • | | | | | | | | |
| | Trace Magnesium | | | | | • | | | | | | | | |
| | Trace Calcium | | | | | • | | | | | | | | |
| | Trace Copper | | | | | • | | | | | | | | |
| | Trace Iron | | | | | • | | | | | | | | |
| | Thyroxine | • | | | | | | | | | | | | |
| | Thyroid Stimulating Hormone | | | | | | | | | | • | | | |
| | Osmolality | | | | • | | | | | | | | | |
| | Ionized Calcium | | | | • | | | | | | | | | |
| | Anion Gap | | | | • | | | | | | | | | |
| | Hemoglobin | | | | | • | | | | | | • | | |
| | Hematocrit | | | • | | • | | | | | | • | | |
| | White Blood Cell Count | | | | | • | | | | | | • | | |
| | Red Blood Cell Count | | | | | • | | | | | | • | | |
| | Mean Corpuscular Volume | | | | | • | | | | | | • | | |
| | Mean Corpuscular Hemoglobin | | | | | • | | | | | | • | | |
| | Mean Corpuscular Hemoglobin Concentration | | | | | • | | | | | | • | | |
| | RBC Distribution Width | | | | | | | | | | | • | | |
| | Platelet Count | | | | | | | | | | | • | | |
| | Mean Platelet Volume | | | | | | | | | | | • | | |
| | % Neutrophils | | | | | | | | | | | • | | |
| | % Lymphocytes | | | | | | | | | | | • | | |
| | % Monocytes | | | | | | | | | | | • | | |
| | % Eosinophils | | | | | | | | | | | • | | |
| | % Basophils | | | | | | | | | | | • | | |
| | Hemoglobin | | | | | | | | | | | • | | |
| | Absolute Neutrophil Count | | | | | | | | | | | • | | |
| | Absolute Lymphocyte Count | | | | | | | | | | | • | | |
| | Absolute Monocyte Count | | | | | | | | | | | • | | |
| | Absolute Eosinophil Count | | | | | | | | | | | • | | |
| | Absolute Basophil Count | | | | | | | | | | | • | | |
| | Labs- Biomarkers | DHEA | | | | • | | | | | | | | |
| | | DHEAS | • | | | • | | | | | | | | |
| | | DHT | | | | • | | | | | | | | |
| | | ANDROSTENEDIONE | • | | | • | | | | | | | | |
| TESTOSTERONE | | • | | | • | | | | | | • | | | |
| ESTRONE | | • | | | • | | | | | | | | | |
| ESTRADIOL | | • | | | • | | | | | | • | | | |
| SHGB | | • | | | • | | | | | | | | | |
| CORTISOL | | • | | | • | | | | | | | | | |
| Bioavailable TESTOSTERONE | | • | | | • | | | | | | • | | | |
| Bioavailable ESTRADIOL | | • | | | • | | | | | | • | | | |
| % Bioavailable Testosterone | | | | | • | | | | | | • | | | |
| % Bioavailable Estradiol | | | | | • | | | | | | • | | | |
| 2-hydroxyestrone | | | | | | | | | • | | | | | |
| 16-hydroxyestrone | | | | | | | | | • | | | | | |
| 2-hydroxyestrone 16-hydroxyestrone ratio | | | | | | | | | • | | | | | |
| IGF1 | | | | | | • | | | | | | | | |
| IGFBP1 | | | | | | • | | | | | | | | |
| TSH | | | | | | | | | | | • | | | |
| CRP | | | | | • | | | | | | • | | | |
| IL-6 | | | | | • | | | | • | | | | | |
| TNF-alpha | | | | | • | | | | • | | | | | |
| TOTAL GHRELIN | | | | | • | | | | | | | | | |
| LEPTIN | | | | | • | | | | • | | | | | |
| ADIPONECTIN | | | | | • | | | | | | | | | |
| Endothelin-1 | | | | | • | | | | • | | | | | |
| Lp-PLA2 | | | | | • | | | | | • | | | | |
| Procollagen Type-1 N Propeptide | | | | | | | | | | | | • | | |
| N-terminal telopeptide | | | | | | | | | | | | • | | |
| Osteoprotegerin | | | | | | • | | | | | | | | |
| Nuclear Receptor Ligand KappaB | | | | | • | | | | | | | | | |

| | VISIT | | | | | | | | | | | | | |
|------------------------------------|--|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---|
| | 1 | 2 | 3 | 4 | 5 | 5.1 | 5.2 | 7 | 8 | 9 | 10 | 11 | 12 | |
| | 1972-1974 | 1972-1975 | 1978-1979 | 1984-1987 | 1988-1992 | 1991-1992 | 1991-1992 | 1992-1996 | 1997-1999 | 1999-2002 | 2003-2006 | 2007-2009 | 2014-2016 | |
| | N=6629 | N=2004 | N=870 | N=2479 | N=1727 | N=313 | N=172 | N=1781 | N=1096 | N=1141 | N=870 | N=733 | N=221 | |
| Labs-Urine | Albumin Dipstick | | | • | | | | • | • | • | • | | | |
| | Albumin | | | • | | | | • | • | • | • | | | |
| | Creatinine | | | • | | | | • | • | • | • | | | |
| | Albumin Dipstick- PM | | | | | | | • | | | | | | |
| | Albumin- PM | | | | | | | • | | | | | | |
| | Creatinine- PM | | | | | | | • | | | | | | |
| | Creatinine | | | | • | | | • | | | | | | |
| | Sodium | | | | • | | | • | | | | | | |
| | Potassium | | | | • | | | • | | | | | | |
| | Calcium | | | | • | | | • | | | | | | |
| Total Protein | | | | • | | | • | | | | | | | |
| Physical Characteristics | Height | • | • | • | • | • | • | • | • | • | • | • | • | |
| | Weight | • | • | • | • | • | • | • | • | • | • | • | • | |
| | BMI | • | • | • | • | • | • | • | • | • | • | • | • | |
| | Waist Circumference-Minimum | | | | • | • | • | • | • | • | • | • | • | |
| | Waist Circumference-Bending | | | | • | • | • | • | • | • | • | • | • | |
| | Hip Circumference- Iliac | | | | • | • | • | • | • | • | • | • | • | |
| | Hip Circumference- Greater Trochanter | | | | • | • | • | • | • | • | • | • | • | |
| | Hip Circumference- Maximum | | | | • | • | • | • | • | • | • | • | • | |
| | Waist Hip RATIO | | | | • | • | • | • | • | • | • | • | • | |
| | Length of Sternum | | | | • | • | • | • | • | • | • | • | • | |
| | Length of Spine | | | | • | • | • | • | • | • | • | • | • | |
| | Distance - Lowest lateral rib to iliac crest | | | | | | | | | | | | • | |
| | Blood Pressure | • | • | • | • | • | • | • | • | • | • | • | • | |
| | Heart Rate | • | • | • | • | • | • | • | • | • | • | • | • | |
| | Skinfold-Triceps | | • | | | | | | • | | | | | |
| | Skinfold- Subscapular | | | | | | | | • | | | | | |
| | Distance - scanning arm to navel | | | | | | | | • | | • | • | • | |
| | Distance - scanning arm to iliac crest | | | | | | | | • | | • | • | • | |
| | S&S Caliper - navel to back | | | | | | | | • | | • | • | • | |
| | Holtain Kahn Caliper - navel to back | | | | | | | | • | | • | • | • | |
| | Holtain Kahn Caliper - abdomen to back | | | | | | | | • | | • | • | • | |
| | Mid Thigh Circumference | | | | | | | | • | | • | • | • | |
| | Body fat (BIA) | | | | | • | • | • | • | • | • | • | • | |
| | Body fat (Segmental) | | | | | | | | | | | | • | |
| | DEXA Whole Body | | | | | | | | • | • | • | • | • | |
| | Physical Function | Heberden's Nodes | | | | • | • | • | • | • | • | • | • | • |
| | | Dupuytren's Contractures | | | | | | | • | • | • | • | • | • |
| | | Hand Weakness | | | | | | | • | • | • | • | • | • |
| | | Hand Pain | | | | | | | • | • | • | • | • | • |
| | | Hand Surgery past 3 mos | | | | | | | • | • | • | • | • | • |
| Dominant Hand/Handedness | | | | | | • | • | • | • | • | • | • | • | |
| Grip Strength | | | | | | • | • | • | • | • | • | • | • | |
| Walking aids | | | | | | • | • | • | • | • | • | • | • | |
| Problems standing | | | | | | • | • | • | • | • | • | • | • | |
| Single Chair Stand | | | | | | • | • | • | • | • | • | • | • | |
| Timed 5X Chair Stand | | | | | | • | • | • | • | • | • | • | • | |
| Gait Observation- Able to ambulate | | | | | | • | • | • | • | • | • | • | • | |
| Gait Observation- Limp | | | | | | • | • | • | • | • | • | • | • | |
| Gait Observation- Shuffle | | | | | | • | • | • | • | • | • | • | • | |
| Gait Observation- Armswing | | | | | | • | • | • | • | • | • | • | • | |
| Gait Observation-Speed | | | | | | • | • | • | • | • | • | • | • | |
| Tandem Walking | | | | | | | | | • | • | • | • | • | |
| Timed Up and Go | | | | | | | | | • | • | • | • | • | |
| 6 Meter Usual Pace | | | | | | | | | | | | | • | |
| 20 cm Narrow Walk | | | | | | | | | | | | | • | |
| One Leg Stand | | | | | | | | | | | | | • | |
| Hip replacement past 6 mos | | | | | | | | | | | • | • | • | |
| Nottingham (< 80 yrs) | | | | | | | | | | | • | • | • | |