Fake AD Patient 7 – Young Woman with Down’s Syndrome

<Practice>

 <practiceName>UNMC Physicians<practiceName>

 <practiceAddress>

 <streetAddress>3604 Summit Plaza Dr.</streetAddress>

 <postalCode>68805</postalCode>

 <locality>Bellevue</locality>

 <region>Nebraska</region>

 <country>US</country>

 <timeZone>-6GMT</timeZone>

 <phoneNumber>14025952275</phoneNumber>

 </practiceAddress>

 <primaryCarePhysician>

 <fullName>Michael Matthews</fullName>

 <givenName>Michael</givenName>

 <familyName>Matthews</familyName>

 <license>111117</license>

 <gender>male</gender>

 </primaryCarePhysician>

</Practice>

<Demographics>

 <dateOfBirth>1978-01-31</dateOfBirth>

 <dateOfDeath>XXXX-XX-XX</dateOfDeath>

 <gender>Female</gender>

 <ethnicity>Caucasian</ethnicity>

 <language>EN</language>

 <maritalStatus>Single</maritalStatus>

 <employmentStatus>Not in work force</employmentStatus>

 <employmentIndustry> </employmentIndustry>

 <occupation> </occupation>

 <religion>Christian</religion>

 <income>5,000</income>

 <highestEducation></highestEducation>

 <organDonor>false</organDonor>

</Demographics>

<Contact>

 <name>

 <fullName>Julianne Sarah Christopherson</fullName>

 <givenName>Julianne</givenName>

 <familyName>Christopherson</familyName>

 </name>

 <email type="personal"></email>

 <email type="work"></email>

 <address type="home">

 <streetAddress>1207 E. Haven Street</streetAddress>

 <postalCode>68805</postalCode>

 <locality>Bellevue</locality>

 <region>Nebraska</region>

 <country>US</country>

 <timeZone>-6GMT</timeZone>

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 <phoneNumber type="work"></phoneNumber>

 <instantMessengerName protocol="aim"></instantMessengerName>

</Contact>

 <prescriptions></prescriptions>

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 <diagnosedWith>Down Syndrome</diagnosedWith>

 <dateDiagnosed>1978-01-31</dateDiagnosed>

 <diagnosedBy>Michael Matthews</diagnosedBy>

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 <diagnosedWith>Alzheimer’s Disease</diagnosedWith>

 <dateDiagnosed>2009-02-01</dateDiagnosed>

 <diagnosedBy>Michael Matthews</diagnosedBy>

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 </conditions>

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 <procedure>

 <procedureName>tonsilectomy</procedureName>

 <procedureDate>1986-05-22</procedureDate>

 <referredBy>Michael Matthews</referredBy>

 <referredInstitution>Bellevue Medical Center</referredInstitution>

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 </allergies>

 <immunizations>

 <measles>

 <date>1978</date>

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 <compound>single</compound>

 <stage>1</stage>

 <administeredBy>Michael Matthews</administeredBy>

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 <administeredBy>Michael Matthews</administeredBy>

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 <compound>single</compound>

 <stage>1</stage>

 <administeredBy>Michael Matthews</administeredBy>

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 <administeredBy>Michael Matthews</administeredBy>

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 </exercise>

 <smoking>

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 <junkFoodRating>2</junkFoodRating>

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 </diet>

 </lifestyle>

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 <relation>maternalGrandmother</relation>

 <fname>Betty</fname>

 <sex>Female</sex>

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 <ageAtDeath>88</ageAtDeath>

 <cancer>no</cancer>

 <causeOfDeath>Old Age</causeOfDeath>

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 <relation>maternalGrandfather</relation>

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 <sex>Male</sex>

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 <causeOfDeath>Old Age</causeOfDeath>

 </subject\_id>

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 <relation>paternalGrandmother</relation>

 <fname>Sally</fname>

 <sex>Female</sex>

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 <cancer>no</cancer>

 <causeOfDeath></causeOfDeath>

 </subject\_id>

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 <relation>paternalGrandfather</relation>

 <fname>Sam</fname>

 <sex>Male</sex>

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 <ageAtDeath></ageAtDeath>

 <cancer>no</cancer>

 <causeOfDeath></causeOfDeath>

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 <relation>mother</relation>

 <fname>Shirley</fname>

 <sex>Female</sex>

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 <cancer>no</cancer>

 </subject\_id>

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 <relation>father</relation>

 <fname>Stanley</fname>

 <sex>Male</sex>

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 <ageAtDeath>55</ageAtDeath>

 <causeOfDeath>lung cancer</causeOfDeath>

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 <relation>sister</relation>

 <fname>Elizabeth</fname>

 <sex>Female</sex>

 <alive>yes</alive>

 <cancer>no</cancer>

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 <relation>sister</relation>

 <fname>MarySue</fname>

 <sex>Female</sex>

 <alive>yes</alive>

 <cancer>no</cancer>

 </subject\_id>

</familyHistory>

<Encounter>

 <dateOfEncounter>2008-11-15</dateOfEncounter>

 <physician>Michael Matthews</physician>

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 <medicalTest>Annual Medical</medicalTest>

 <reportedSymptoms>true</reportedSymptoms>

 <workingDiagnosis>true</workingDiagnosis>

 <referral>false<referral/>

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 </stamina>

 <lungFunction>

 <PEFR units=”L/min”>560</PEFR>

 </lungFunction>

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 <referredName>Baljit Gupta</referredName>

 <referredClinic>Eastside Health Laboratories</referredClinic>

 <referredBy>Michael Matthews</referredBy>

 <CompleteBloodCount CPT=”85025”>

 <testCode = “HGB”>

 <CPT>85018</CPT>

 <LOINC></LOINC>

 <description>Hemogloblin</description>

 <value>133</value>

 <units>g/L</units>

 </testCode>

 <testCode = “RBC”>

 <CPT>85041</CPT>

 <LOINC></LOINC>

 <description>Red Blood Cell Count</description>

 <value>6</value>

 <units>mil/mcl</units>

 </testCode>

 <testCode = “MCV”>

 <CPT></CPT>

 <LOINC></LOINC>

 <description>Mean Cell Volume</description>

 <value>92</value>

 <units>fl</units>

 </testCode>

 <testCode = “MCH”>

 <CPT></CPT>

 <LOINC></LOINC>

 <description>Mean Corpuscular Hemoglobin</description>

 <value>30</value>

 <units>pg/cell</units>

 </testCode>

 <testCode = “ART”>

 <CPT>85045</CPT>

 <LOINC></LOINC>

 <description>Reticulocyte Count</description>

 <value>20</value>

 <units>mil/mcl</units>

 </testCode>

 <testCode = “ESR”>

 <CPT>85652</CPT>

 <LOINC></LOINC>

 <description>Erythrocyte Sed Rate</description>

 <value>22</value>

 <units></units>

 </testCode>

 <testCode = “WBC”>

 <CPT>85048</CPT>

 <LOINC></LOINC>

 <description>White Blood Cell Count</description>

 <value>12</value>

 <units>K/mcL</units>

 </testCode>

 <testCode = “ANEUT”>

 <CPT></CPT>

 <LOINC></LOINC>

 <description>Absolute Neutrophil Count</description>

 <value>9</value>

 <units>K/mcL</units>

 </testCode>

 <testCode = “ALYMS”>

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 <LOINC></LOINC>

 <description>Absolute Lymphocyte Count</description>

 <value>7</value>

 <units>K/mcL</units>

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 <testCode = “AMON”>

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 <LOINC></LOINC>

 <description>Absolute Monocyte Count</description>

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 <LOINC></LOINC>

 <description>Absolute Eosinophil Count</description>

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 <testCode = “ABOS”>

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 <LOINC></LOINC>

 <description>Absolute Basophil Count</description>

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 </CompleteBloodCount>

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 <test = “Laboratory”>

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 <testName>Lipid panel</testName>

 <referredName>Baljit Gupta</referredName>

 <referredClinic>Eastside Health Laboratories</referredClinic>

 <referredBy>Michael Matthews</referredBy>

 <LipidPanel CPT=”80061”>

 <testCode = “LDL”>

 <CPT>83721</CPT>

 <LOINC></<LOINC>

 <description> Low-density lipoprotein</description>

 <value>4</value>

 <units>mmol/L</units>

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 <testCode = “TRIG”>

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 <description> Triglycerides</description>

 <value>2.6</value>

 <units>mmol/L</units>

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 <testCode = “CHO”>

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 <description> Triglycerides</description>

 <value>5</value>

 <units>mmol/L</units>

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 <testCode = “HDL”>

 <CPT>83718</CPT>

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 <description> Triglycerides</description>

 <value>1</value>

 <units>mmol/L</units>

 </testCode>

 </LipidPanel>

 </test>

 <test = “Laboratory”>

 <CPT>80076</CPT>

 <testName>Hepatic function panel</testName>

 <referredName>Baljit Gupta</referredName>

 <referredClinic>Eastside Health Laboratories</referredClinic>

 <referredBy>Michael Matthews</referredBy>

 <HepaticFunctionPanel CPT=”80076”>

 <testCode = “TP”>

 <CPT>84155</CPT>

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 <description>Serum Total Protein</description>

 <value>62</value>

 <units>g/L</units>

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 <testCode = “AST”>

 <CPT>84450</CPT>

 <LOINC></LOINC>

 <description>Serum glutamic-oxaloacetic transaminase</description>

 <value>88</value>

 <units>IU/l</units>

 </testCode>

 <testCode = “CK”>

 <CPT>82550</CPT>

 <LOINC></LOINC>

 <description>Creatinine kinase</description>

 <value>66</value>

 <units>U/L</units>

 </testCode>

 <testCode = “LDH”>

 <CPT>83615</CPT>

 <LOINC></LOINC>

 <description>Lactate dehydrogenase</description>

 <value>222</value>

 <units>U/L</units>

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 <testCode = “AMY”>

 <CPT>82150</CPT>

 <LOINC></LOINC>

 <description>Amylase</description>

 <value>144</value>

 <units>U/L</units>

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 <testCode = “TBIL”>

 <CPT>82247</CPT>

 <LOINC></LOINC>

 <description>Serum Bilirubin, Total</description>

 <value>20</value>

 <units>umol/L</units>

 </testCode>

 <testCode = “DBL”>

 <CPT>82248</CPT>

 <LOINC></LOINC>

 <description>Bilirubin, Direct</description>

 <value>122</value>

 <units>umol/L</units>

 </testCode>

 <testCode = “ALT”>

 <CPT>84460</CPT>

 <LOINC></LOINC>

 <description>Alanine transaminase</description>

 <value>22</value>

 <units>U/L</units>

 </testCode>

 <testCode = “ALP”>

 <CPT>84075</CPT>

 <LOINC></LOINC>

 <description>Serum Alkaline Phosphatase</description>

 <value>122</value>

 <units>IU/l</units>

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 <testCode = “GGT”>

 <CPT>82977</CPT>

 <LOINC></LOINC>

 <description>Serum Gamma Glutamyl Transferase</description>

 <value>242</value>

 <units>IU/l</units>

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 <testCode = “CRP”>

 <CPT>86140</CPT>

 <LOINC></LOINC>

 <description>Serum C-Reactive Protein</description>

 <value>66</value>

 <units>mg/L</units>

 </testCode>

 </HepaticFunctionPanel>

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 <testName>Renal function panel</testName>

 <referredName>Baljit Gupta</referredName>

 <referredClinic>Eastside Health Laboratories</referredClinic>

 <referredBy>Michael Matthews</referredBy>

 <RenalFunctionPanel CPT=”80069”>

 <testCode = “NA”>

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 <testCode = “K”>

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 <description>Serum Potassium</description>

 <value>4</value>

 <units>mmol/l</units>

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 <testCode = “CREA”>

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 <description>Serum Creatinine</description>

 <value>111</value>

 <units>umol/L</units>

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 <testCode = “ALB”>

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 <description>Serum Albumin</description>

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 <testCode = “GLU”>

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 <LOINC></LOINC>

 <description>Glucose Urine Test</description>

 <value>7</value>

 <units>mmol/L</units>

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 <testCode = “CA”>

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 <description>Serum Calcium</description>

 <value>2.23</value>

 <units>mmol/L</units>

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 <testCode = “CAI”>

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 <LOINC></LOINC>

 <description>Ionized Calcium, Serum/description>

 <value>1.01</value>

 <units>mmol/L</units>

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 <CPT>84520</CPT>

 <LOINC></LOINC>

 <description>Blood Urea Nitrogen</description>

 <value>5</value>

 <units>umol/L</units>

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 </RenalFunctionPanel>

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 <test = “Laboratory”>

 <CPT>84443</CPT>

 <testName>Thyroid stimulating hormone (TSH)</testName>

 <referredName>Baljit Gupta</referredName>

 <referredClinic>Eastside Health Laboratories</referredClinic>

 <referredBy>Michael Matthews</referredBy>

 <ThyroidFunction CPT=”84443”>

 <testCode = “TSH”>

 <CPT>84443</CPT>

 <LOINC></LOINC>

 <description>Thyroid Stimulating Hormone</description>

 <value>2</value>

 <units>mIU/L</units>

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 <testCode = “FT4”>

 <CPT>84439</CPT>

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 <description>T4, Free</description>

 <value>17</value>

 <units>pmol/L</units>

 </testCode>

 <testCode = “T3F”>

 <CPT>84481</CPT>

 <LOINC></LOINC>

 <description>T3, Free</description>

 <value>5</value>

 <units>pmol/L</units>

 </testCode>

 </ThyroidFunction>

 </test>

 <test = “Laboratory”>

 <CPT>80412</CPT>

 <testName>Corticotropic Releasing Hormone Stimulation Panel</testName>

 <referredName>Baljit Gupta</referredName>

 <referredClinic>Eastside Health Laboratories</referredClinic>

 <referredBy>Michael Matthews</referredBy>

 <CRH CPT=”80412”>

 <testCode = “ACH”>

 <CPT>82024</CPT>

 <LOINC></LOINC>

 <description>Adrenocorticotropic hormone</description>

 <value>3</value>

 <units>pmol/L</units>

 </testCode>

 <testCode = “CTL”>

 <CPT>82533</CPT>

 <LOINC></LOINC>

 <description>Cortisol</description>

 <value>522</value>

 <units>nmol/L</units>

 </testCode>

 </CRH>

 </test>

 <test = “Laboratory”>

 <CPT>85999</CPT>

 <testName>CoagulationBattery</testName>

 <referredName>Baljit Gupta</referredName>

 <referredClinic>Eastside Health Laboratories</referredClinic>

 <referredBy>Michael Matthews</referredBy>

 <Coagulation CPT=”85999”>

 <testCode = “PT”>

 <CPT>85610</CPT>

 <LOINC></LOINC>

 <description>Prothrombin time</description>

 <value>11</value>

 <units>s</units>

 </testCode>

 <testCode = “INR”>

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 <LOINC></LOINC>

 <description>INR</description>

 <value>1.0</value>

 <units></units>

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 <testCode = “Bleeding Time”>

 <CPT>85002</CPT>

 <LOINC></LOINC>

 <description>Bleeding time</description>

 <value>6</value>

 <units>min</units>

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 <testCode = “FIB”>

 <CPT>85384</CPT>

 <LOINC></LOINC>

 <description>Fibrinogen</description>

 <value>3</value>

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 </testCode>

 </Coagulation>

 </test>

</encounter>

<Encounter>

 <dateOfEncounter>2009-01-15</dateOfEncounter>

 <physician>Michael Matthews</physician>

 <medicalBaseline>false</medicalBaseline>

 <medicalTest>false</medicalTest>

 <reportedSymptoms>Confusion, Becomes lost</reportedSymptoms>

 <workingDiagnosis>

 <preliminaryDiagnosis>

 <diagnosisDescription>Dementia</diagnosisDescription>

 <ICD9>331</ICD9>

 <ICD9Description> Other cerebral degenerations</ICD9Description>

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 </workingDiagnosis>

 <test = “ICD9 Procedure”>

 <ICD9 Procedure>94.02</ICD9 Procedure>

 <testName>Administration of psychologic test</testName>

 <referredName>Keil Fender</referredName>

 <referredClinic>UNMC</referredClinic>

 <referredBy>Michael Matthews</referredBy>

 <result = “Wechsler Memory Scale”>

 <description></description>

 <value></value>

 <units></units>

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 </test>

 <test = “ICD9 Procedure”>

 <ICD9 Procedure>88.91</ICD9 Procedure>

 <testName>Magnetic resonance imaging of brain and brain stem</testName>

 <referredName>Sarah Yang</referredName>

 <referredClinic>Midtown Hospital</referredClinic>

 <referredBy>Michael Matthews</referredBy>

 <result = “DICOM 3.0 Image Data”

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 </result>

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 <test = “Laboratory”>

 <CPT>85025</CPT>

 <testName>Blood count; complete (CBC), automated (Hgb, Hct, RBC, WBC and platelet count) and automated differential WBC count</testName>

 <referredName>Baljit Gupta</referredName>

 <referredClinic>Eastside Health Laboratories</referredClinic>

 <referredBy>Michael Matthews</referredBy>

 <CompleteBloodCount CPT=”85025”>

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 </CompleteBloodCount>

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</Encounter>

<Encounter>

 <dateOfEncounter>2009-01-20</dateOfEncounter>

 <physician>Keil Fender</physician>

 <medicalBaseline>false</medicalBaseline>

 <reportedSymptoms>false</reportedSymptoms>

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 <ICD9>331</ICD9>

 <ICD9Description> Other cerebral degenerations</ICD9Description>

 </preliminaryDiagnosis>

 <differentialDiagnosis>

 <ICD9>331.0</ICD9>

 <ICD9Description>Alzheimer's disease</ICD9Description>

 </differentialDiagnosis>

 <clinicalDiagnosis>

 </clinicalDiagnosis>

 </workingDiagnosis>

 <test = “Cognative”>

 <CPT>97532</CPT>

 <testName>Alzheimer's Disease Assessment Scale-cognitive subscale</testName>

 <referredName>Mary Lubker</referredName>

 <referredClinic>Neurology Specialists</referredClinic>

 <referredBy>Michael Matthews</referredBy>

 <result>

 <testScore>???</testScore>

 <testNormalRange>????</testNormalRange>

 <testResult>abnormal</testResult>

 </result>

 </test>

 <test = “Genotyping SNPs”>

 <CPT> 83520(3), 83891(1), 83892(4), 83896(10), 83908(4), 83912(1)</CPT>

 <testName>ADmark Alzheimer's Evaluation</testName>

 <referredName> Mary Lubker </referredName>

 <referredClinic> Neurology Specialists </referredClinic>

 <referredBy>Michael Matthews</referredBy>

 <result>

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 <rs\_Number> rs429358</rs\_Number>

 <variant\_Synonyms>APOE4, NG\_007084.2:g.7903T>C</variant\_Synonyms>

 <gene\_Symbol>APOE</gene\_Symbol>

 <gene\_Name> apolipoprotein E</gene\_Name>

 <ENTREZ\_Gene\_ID>348</ENTREZ\_Gene\_ID>

 <Accession\_ID> NG\_007084.2</Accession\_ID>

 <Gene\_Region>coding\_region</Gene\_Region>

 <DNA\_Change>g.7903T>C</DNA\_Change>

 <DNA\_Change\_Type>Substitution</DNA\_Change\_Type>

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 <Amino\_Acid\_Change\_Type>Missense</Amino\_Acid\_Change\_Type>

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</Encounter>

<Encounter>

 <dateOfEncounter>2009-01-30</dateOfEncounter>

 <physician>Kerri Fallen</physician>

 <medicalBaseline>false</medicalBaseline>

 <medicalTest>

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 <testName>MRI Brain Image</testName>

 <hippocampalVolume>???</hippocampalVolume>

 <hippocampalVolumeNormalRange>????</hippocampalVolumeNormalRange>

 <hippocampalVolumeTestResult>abnormal</hippocampalVolumeTestResult>

 <amyloidDeposit>???</amyloidDeposit>

 <amyloidDepositNormalRange>???</amyloidDepositNormalRange>

 <amyloidDepositResult>abnormal</amyloidDepositResult>

 </test>

 </medicalTest>

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 <workingDiagnosis>Alzheimers Disease</workingDiagnosis>

</Encounter>