## Sample Patients - Detailed Information

Below you will find information about the five sample patients whose data is accessible via the SHIN-NY API. The information below does not contain each person’s entire medical record, but can be used to understand more about each patient and the type of information available. Please direct questions or comments to the SHIN-NY Google Group via email ([shinnyapi-hackathon@googlegroups.com](mailto:shinnyapi-hackathon@googlegroups.com)) or posting directly at (https://groups.google.com/d/forum/shinnyapi-hackathon)

#### #1 - Diabetic Test Patient

* Demographic Information
  + MRN: 721439
  + Name: Kim Smyth
  + Date of Birth: 4/7/1979
  + Sex: F
  + Facility: NYECTEST4
  + OID: 2.16.840.1.113883.3.2591.100.4.1.1
* Patient is a 34 year old obese female with history of Type II Diabetes and Polycystic Ovaries. Patient presents for routine follow-up. Notes recent ten pound weight loss using diet and exercise, but has regained five pounds. Patient attributes inconsistency with diet and exercise to stress at work. Expresses desire to restart weight loss regimen and notes she registered for gym membership. Reports normal menses on oral contraceptives. Denies pain or other complaints at this time.
  + Patient is obese. Physical exam is otherwise within normal limits.
* Plan
  + Nutrition Counseling
  + Return to office in 8 weeks

Encounter Date: 1/2/2013

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| --- | --- | --- | --- | --- |
| Vital Signs | Diagnosis | Medications | Allergies | Labs |
| BP: 120/76 | Type II Diabetes ICD9 250.00 | Continue Metformin 750mg po twice daily | Penicillin-rash | Urinalysis – Within normal limits **LOINC 12235-8** |
| Pulse: 84 | Obesity ICD9 278.00 | Continue Loestrin 24 Fe once daily as directed | Sulfa-rash | **BMP**  Glucose 99 mg/dL **LOINC 2345-7**  Calcium 9.4 mg/dL **LOINC 17861-6**  Chloride 100 mmol/L **LOINC 2075-0**  Potassium 3.8 mmol/L **LOINC 2823-3**  Sodium 143 mmol/L **LOINC 2951-2**  (BUN) Urea Nitrogen 18 mg/dL **LOINC 3094-0** |
| RR: 16 | Polycystic Ovaries ICD9 256.4 |  |  | Hgb AIC- 6.6 **LOINC 17856-6** |
| Temp: 98.2 |  |  |  | TSH 1.64 mIU/L **LOINC 3016-3** |
| Weight: 200 lbs |  |  |  | T3 101 ng/dL **LOINC 3053-6** |
| BMI: 31.3 |  |  |  | Free T4 1.2 ng/dL **LOINC 6892-4** |

#### #2 - Diabetic Test Patient

* Demographic Information
  + MRN: 783081
  + Name: Alfred Quince
  + Date of Birth: 12/30/1942
  + Sex: M
  + Facility: NYECTEST4
  + OID: 2.16.840.1.113883.3.2591.100.4.1.1
* The patient is a 70 year old man, with hypertension, hypercholsterolemia and type I diabetes, who is now presenting with pain in his right upper extremity. He noticed redness about three days ago after giving himself an insulin injection to the arm. The redness has become more extensive and painful and associated with some swelling. Patient reports he reused insulin needles when he ran out of supply.
  + The patient is alert and oriented in no acute distress but appears uncomfortable. There is an area of redness and induration approximately 5 cm in diameter with associated swelling in the outer right upper arm. Patient has full range of motion but exquisite tenderness to palpation in the affected area. Remaining medical exam was unremarkable.
* Plan
  + Prescription for supplies/insulin syringes provided. Short term supply provided in office.
  + Education – administering insulin properly/safely. Risk for poor wound healing.
  + Return to office in one week. Call prior if fever/symptoms worsen.

Encounter Date: 5/11/2013

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| --- | --- | --- | --- | --- |
| Vital Signs | Diagnosis | Medications | Allergies | Labs |
| BP: 130/84 | Cellulitis **ICD9 682.3** | Keflex 1000 mg po every 12 hours x 10 days | No known drug allergies | **CBC**  WBC 15.2 th/ul **LOINC 26464-8**  RBC 5.1 mil/ul **LOINC 26453-1**  Hgb 14.2 g/dL **LOINC 718-7**  Hct 48% **LOINC 20570-8**  MCV 100 fl **LOINC 30428-7**  MCH 32 pg **LOINC 28539-5**  MCHC 33 gm/dL **LOINC 28540-3**  Platelets 302 (x10/mm3) **LOINC 26515-7** |
| Pulse: 90 | Diabetes Type 1 **ICD9 250.01** | **Insulin**  Novolog 20 units subcut 3x day before meals  Lantus 30 units subcut at bedtime  Fingerstick glucose 4 x day before meals and at bedtime |  | **CMP**  Albumin 4 g/dL **LOINC 2862-1**  Alkaline Phosphatase 100 g/dL **LOINC 6768-6**  ALT (SGPT) 97 units/L **LOINC 1742-6**  AST (SGOT) 39 units/L **LOINC 1920-8**  Bilirubin 0.9 mg/dL **LOINC 1975-2**  Glucose 207 mg/dL **LOINC 2345-7**  Calcium 9.6 mg/dL **LOINC 17861-6**  Carbon dioxide 24 mmol/L **LOINC 2028-9**  Chloride 102 mmol/L **LOINC 2075-0**  Potassium 3.5 mmol/L **LOINC 2823-3**  Sodium 141 mmol/L **LOINC 2951-2**  (BUN) Urea Nitrogen 17 mg/dL **LOINC 3094-0**  Creatinine 0.79 mg/dL **LOINC 2160-0** |
| RR: 18 | Hypertension ICD9 **401.1** | Toprol XL 100mg po daily |  | Hgb AIC- 6.4 **LOINC 17856-6** |
| Temp: 98.5 | Hypercholesterolemia **ICD9 272.0** | Crestor 20mg po daily |  |  |
| Weight: 210 lbs |  |  |  |  |

#### #3 - Diabetic Test Patient

* Demographic Information
  + MRN: 661347
  + Name: Samantha Xavier
  + Date of Birth: 6/20/1979
  + Sex: F
  + Facility: NYECTEST4
  + OID: 2.16.840.1.113883.3.2591.100.4.1.1
* Patient is a 33 year old 32 week pregnant female with Gestational Diabetes poorly controlled by diet. Fetal non-stress test and biophysical profile within normal limits. Fetal measurements normal for gestational age. Patient reports normal fetal movement. Reports she is feeling well, no complaints at this time. Log of fingerstick blood glucose reveals consistently elevated blood glucose .
  + No history of significant medical problems. Patient reports uncomplicated previous pregnancy and NSVD x 1. Gravida 2, Para 1.
  + Positive fetal heart beat: 147 bpm
  + Dipstick urinalysis within normal limits. Negative glucose, negative protein.
* Plan
  + Continue diabetic diet.
  + Education on insulin preparation/administration.
  + Prescription for insulin supplies.
  + Continue fingerstick blood glucose monitoring/log 4 x daily
  + Return to office 2 weeks or prior if symptoms/concerns.
  + Nutritionist referral.

Encounter Date: 8/23/2011

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| --- | --- | --- | --- | --- |
| Vital Signs | Diagnosis | Medications | Allergies | Labs |
| BP: 117/72 | Pregnancy **ICD9 V22.1** | Start 34 units Humulin NPH Insulin subcut at bedtime | Codeine-hives | Previous Glucose Tolerance Test  Fasting Glucose 92 mg/dL  Glucose, 1-hour 190 mg/dL  Glucose, 2-hour 160 mg/dL |
| Pulse: n/a | Gestational Diabetes **ICD9 648.0** | Citranatal Assure Prenatal Vitamin |  | Urinalysis – Within normal limits **LOINC 12235-8** |
| RR: n/a |  |  |  | Hgb AIC- 6.0 **LOINC 17856-6** |
| Temp: n/a |  |  |  |  |
| Weight: 138 lbs |  |  |  |  |
| BMI: n/a |  |  |  |  |

#### #4 - Diabetic Test Patient

* Demographic Information
  + MRN: 667378
  + Name: Dmitry Tsatsulin
  + Date of Birth: 6/7/1991
  + Sex: M
  + Facility: NYECTEST4
  + OID: 2.16.840.1.113883.3.2591.100.4.1.1
* Patient is a 22 year old male recently diagnosed with Type 1 Diabetes who presents complaining of dizziness and shakiness. Patient reports he has been taking his insulin as ordered but last ate this morning and felt symptomatic after playing basketball with friends for 2 hours. Patient is pale and diaphoretic, exam otherwise normal. Fingerstick blood glucose=48 mg/dl. 4oz juice and crackers provided. Symptoms resolved. Repeat fingerstick blood glucose=88
* Plan
  + Continue diabetic diet.
  + Education on Glucagon administration and hypoglycemia prevention/awareness.
  + Continue fingerstick blood glucose monitoring/log 4 x daily
  + Return to office 2 weeks or prior if symptoms/concerns.

Encounter Date: 2/19/2013

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| --- | --- | --- | --- | --- |
| Vital Signs | Diagnosis | Medications | Allergies | Labs |
| BP: 100/60 | Diabetes Mellitus Type 1 **ICD9 250.01** | Novolog 10 units subcut 3x day before meals | Seasonal allergies | BMP  Glucose 80 mg/dL **LOINC 2345-7**  Calcium 9.7 mg/dL **LOINC 17861-6**  Chloride 102 mmol/L **LOINC 2075-0**  Potassium 3.9 mmol/L **LOINC 2823-3**  Sodium 140 mmol/L **LOINC 2951-2**  (BUN) Urea Nitrogen 19 mg/dL **LOINC 3094-0** |
| Pulse: 94 | Hypoglycemia **ICD9 251.2** | Lantus 10 units subcut at bedtime | No known drug allergies | Hgb AIC- 6.2 **LOINC 17856-6** |
| RR: 18 |  | Fingerstick glucose 4 x day before meals and at bedtime |  | Urinalysis – Within normal limits **LOINC 12235-8** |
| Temp: 98.2 |  | Glucagon 1mg subcut prn hypoglycemia |  |  |
| Weight: 165 lbs |  | Zyrtec 1 tab po daily as needed |  |  |
| BMI: n/a |  |  |  |  |

#### #5 - Diabetic Test Patient

* Demographic Information
  + MRN: 770834
  + Name: Richard Zubik
  + Date of Birth: 4/6/1956
  + Sex: M
  + Facility: NYECTEST4
  + OID: 2.16.840.1.113883.3.2591.100.4.1.1
* The patient is a 57 year old overweight man, with history of hypertension, hypercholesterolemia and Type II Diabetes well controlled on oral medication. Patient presents with 1 week history of cough productive of green mucous, nasal congestion and sore throat. Patient is a non-smoker.
  + Patient is alert and oriented in no acute distress. Exam positive for maxillary sinus tenderness, post-nasal drip, and pharyngeal redness. Lungs clear to auscultation bilaterally. No crackles or wheezing. Tympanic membranes within normal limits. Remaining medical exam unremarkable.
  + Fingerstick blood glucose=100 mg/dL
* Plan
  + Fluids/rest
  + Call provider if symptoms worsen/persist

Encounter Date: 5/3/2013

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Vital Signs | Diagnosis | Medications | Allergies | Labs |
| BP: 128/82 | Acute Sinusitis **ICD9 461** | Zithromax 500mg po daily x 3 days | Sulfa-rash | **CBC**  WBC 12.2 th/ul **LOINC 26464-8**  RBC 5.4 mil/ul **LOINC 26453-1**  Hgb 15.0 g/dL **LOINC 718-7**  Hct 47% **LOINC 20570-8**  MCV 100 fl **LOINC 30428-7**  MCH 32 pg **LOINC 28539-5**  MCHC 33 gm/dL **LOINC 28540-3**  Platelets 315 (x10/mm3) **LOINC 26515-7** |
| Pulse: 74 | Type 2 Diabetes **ICD9 250.00** | Continue Metformin 500mg po twice daily | Hives | **BMP**  Glucose 102 mg/dL **LOINC 2345-7**  Calcium 9.5 mg/dL **LOINC 17861-6**  Chloride 100 mmol/L **LOINC 2075-0**  Potassium 3.6 mmol/L **LOINC 2823-3**  Sodium 142 mmol/L **LOINC 2951-2**  (BUN) Urea Nitrogen 18 mg/dL **LOINC 3094-0** |
| RR: 14 | Hypertension ICD9 **401.1** | Altace 10mg po daily |  | Hgb AIC- 6.0 **LOINC 17856-6** |
| Temp: 99.3 | Hypercholesterolemia **ICD9 272.0** | Lipitor 40mg po daily |  |  |
| Weight: 195 lbs |  |  |  |  |
| BMI: n/a |  |  |  |  |
| Height: 5’9” |  |  |  |  |