Use of the Suggested Clinical Data Elements is voluntary / optional

Nebulizer F2F Encounter
Suggested Clinical Data Elements (CDEs)

Version R1.0a (4/30/2018)

Note: If these CDEs are used:
1) CDEs in black Calibri are required
2) CDEs in *burnt orange Italics Calibri* are required if the condition is met
3) CDEs in blue *Times New Roman* are recommended but not required

**Beneficiary Information CDEs**

**PBD: Patient/Beneficiary Demographics**

- **PBD1**: Patient’s first name, last name, and middle initial (text)
- **PBD2**: Patient’s date of birth (date: MM/DD/YYYY)
- **PBD3**: Patient’s Gender (Single selection from the value set: M, F, Other)
- **PBD4**: Patient’s Medicare ID (Medicare ID format and check digit)

**F2F Encounter CDEs**

**PND: Physician/NPP Demographics**

If different than the signing provider

- **PND1**: Provider first name, last name, middle initial, and suffix (text).
- **PND2**: Provider NPI (Numeric with check digit)

**ENC: Encounter**

- **ENC4**: Date of F2F encounter (date: MM/DD/YYYY)

**F2F Encounter Question CDEs**

**NEBENC: Nebulizer Encounter**

- **HOTENC1**: Is this a face-to-face encounter for the evaluation of the patient’s need for a nebulizer and inhalant solutions? (Single selection from value set: Yes, No)

  - **HOTENC1a**: If no, describe purpose. (text)
Diagnoses CDEs

NEBDIAG: Nebulizer Diagnoses

**NEBDIAG1**: Primary and Secondary diagnosis (to support need for nebulizer): indicate Primary (P) and, where appropriate, Secondary (S) (Multiple selection from value set: Obstructive Pulmonary Disease, Cystic Fibrosis, Bronchiectasis 2°, Pulmonary Artery Hypertension, “HIV, Pneumocystosis or complications of organ transplant”, Persistent thick or tenacious pulmonary secretions, ”Thick, tenacious secretions, who has cystic fibrosis, bronchiectasis, a tracheostomy, or a tracheobronchial stent”, Other)

If Other, **NEBDIAG1a**: Other (text)

Subjective CDEs

SUB: Subjective

**SUB1**: Chief complaint / history of present illness and associated signs / symptoms (text)

**SUB2**: Related past medical / surgical history (text)

MED: Medications (Status value set: New, Current, Modified, Discontinued)

**MED1**: Medications (Repeat until complete: RxNorm, Description, Dose, Frequency, Route, Status)

**MED2**: Other Medications (text)

ALL: Allergies (include RxNorm if Known)

**ALL1**: Allergies (RxNorm, Description …)

Review of Systems CDEs

ROS: Review of Systems (multiple selection from all the following elements ROS1-ROS20 and value set following each)

**ROS1**: General: weight gain, weight loss, sleeping problems, fatigue, fever, chills, light sweats / diaphoresis

**ROS1a**: Other: (text)

**ROS9**: Neck: lumps, pain on movement

**ROS9a**: Other: (text)

**ROS11**: Pulmonary: cough, shortness of breath, pain, wheezing, hemoptysis, sputum production

**ROS11a**: Other: (text)

**ROS12**: Cardiac: chest pain, palpitations, orthopnea, murmur, syncope

**ROS12a**: Other: (text)

**ROS13**: Vascular: edema, claudication, varicose veins, thrombophlebitis, ulcers

**ROS13a**: Other: (text)
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ROS14: Gastrointestinal: swallowing problems, abdominal pain, constipation, diarrhea, incontinence, nausea, vomiting, ulcers, melena, rectal bleeding, jaundice, heartburn, hematemesis
   ROS14a: Other: (text)

ROS16: Musculoskeletal: pain, swelling, stiffness, limitation of range of motion, arthritis, gout, cramps, myalgia, fasciculation, atrophy, fracture, deformity, weakness
   ROS16a: Other: (text)

ROS17: Neurologic: seizures, poor memory, poor concentration, numbness / tingling, pins and needles sensation, hyperpathia, dysesthesia, weakness, paralysis, tremors, involuntary movements, unstable gait, fall, vertigo, headache, stroke, speech disorders
   ROS17a: Other: (text)

ROS18: Psychiatric: hallucinations, delusions, anxiety, nervous breakdown, mood changes
   ROS18a: Other: (text)

ROS19: Hematology: anemia, bruising, bleeding disorders (conditional)
   ROS19a: Other: (text)

ROS20: Endocrine: heat or cold intolerance, diabetes, lipid disorders, goiter
   RO20a: Other: (text)

ROS21: Other: (text)

Objective / Physical Exam CDEs

OBJ: Objective / Physical Exam:

OBJ1: Vital Signs:
   OBJ1a: Temperature: (numeric and units)
   OBJ1b: Pulse: (numeric – beats per minute)
   OBJ1c: Respiration: (numeric – breaths per minute)
   OBJ1d: Blood Pressure:
      Systolic: (numeric – mm of mercury)
      Diastolic: (numeric – mm of mercury)
   OBJ1e: Height: (single part: numeric and units or two part with numeric and units for each)
   OBJ1f: Weight: (single part: numeric and units or two part with numeric and units for each)
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**OBJ1:** O2 Measurements
- **OBJ1g:** O2 Sat (RA at Rest) (Numeric, %)
- **OBJ1h:** O2 Sat (with supplemental O2) (Numeric, %)
- **OBJ1i:** Supplemental O2 (Numeric, LPM)

**OBJ:** Objective / Physical Exam:
- **OBJ2:** General Appearance: (text)
- **OBJ3:** Head and Neck: (text)
- **OBJ4:** Chest/lungs: (text)
- **OBJ5:** Cardiovascular: (text)
- **OBJ6:** Abdominal: (text)
- **OBJ7:** Musculoskeletal / extremities: (text)
- **OBJ8:** Neurological: (text)
- **OBJ9:** Psychiatric: (text)
- **OBJ11:** Other: (text)

**Nebulizer Pulmonary Function Testing**

**PFT:** Pulmonary Function Test Results
- **FVC:** Forced Vital Capacity
  - **FVCa:** FVC Observed (Numeric, L)
  - **FVCb:** FVC Predicted (Numeric, L)
  - **FVCc:** FVC % Predicted (Numeric, %)
- **FEV1:** Forced Expiratory Volume 1 sec
  - **FEV1a:** FEV1 Observed (Numeric, L)
  - **FEV1b:** FEV1 Predicted (Numeric, L)
  - **FEV1c:** FEV1 % Predicted (Numeric, %)
- **FEV1RATIO:** FEV1/FVC ratio
  - **FEV1RATIO:** FEV1/FVC Observed (Numeric)
  - **FEV1RATIO:** FEV1/FVC Predicted (Numeric)
  - **FEV1RATIO:** FEV1/FVC % Predicted (Numeric, %)
- **TLC:** Total Lung Capacity
  - **TLCa:** TLC Observed (Numeric, L)
  - **TLCb:** TLC Predicted (Numeric, L)
  - **TLCc:** TLC % Predicted (Numeric, %)
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**DLCO**: Forced Vital Capacity
- **DLCOa**: DLCO Observed (Numeric)
- **DLCOb**: DLCO Predicted (Numeric)
- **DLCOc**: DLCO % Predicted (Numeric, %)

**Nebulizer Assessment and Plan CDEs**

**ASM**: Assessment
- **ASM1**: Assessment/Status (text)

**NEBPLAN**: Treatment Plan
- **NEBORD6**: Solution (Single selection from the Solution value set for the diagnosis) (see appropriate values)
- **NEBORD6a**: HCPCS code for the solutions (pre-assigned or text entry for other)
- **NEBORD6b**: Concentration (numeric in mg/ml)
- **NEBORD6c**: Frequency (text or numeric in times per day)
- **NEBORD6d**: Duration (D/W) (numeric in days or weeks)

**PLAN**: Treatment Plan
- **PLAN1**: Treatment Plan (text)

**Provider Signature CDEs**

**SIGPNP**: Physician/NPP Signature Elements
- **SIGPNP1**: Physician/NPP Signature (image, electronic, or digital)
- **SIGPNP2**: Physician/NPP Printed Name (text)
- **SIGPNP4**: Physician/NPP NPI (NPI format)
- **SIGPNP5**: Date of Signature (MM/DD/YYYY)