**User Story Number:** USEB-15

**User Story Name:** Unit or Basis for Measurements Codes for Drugs (Backlog #142)

**Product Backlog ID:**

**Priority:** 8

**Initial Sizing estimate:** 3

**Rally ID:** US11

**Rational ID:**

**Author:** Julie Mann/Mary Simons

# Story

As a staff member at a VA Medical Center (VAMC) or Consolidated Patient Account Center (CPAC), I need to be able to submit on a bill, the correct unit or basis for measurement code and quantity for a National Drug Code (NDC) medication given during an appointment. Currently the only available measurement code is unit.

### **Conversation**

When creating professional and institutional bills for submission to payers, billing staff must be able to submit the correct type of units or basis for measurement codes (PRF, Piece 25 or INS, Piece 16) and a quantity of units (PRF, Piece 23 or INS, Piece 17) for medications provided during appointments. These units or basis for measurement codes are specific to the National Drug Code associated with the medication. The following units or basis for measurement codes need to be available from which billing staff can select:

* F2 - International Unit
* GR - Gram
* ME - Milligram
* ML - Milliliter
* UN - Unit

Currently the system automatically defaults to Unit as the type of measurement and users are not able to choose another type of measurement. Users are prompted to enter only the quantity of units.

Select PROCEDURE DATE (7/9/16-7/9/16): 070916  (JUL 09, 2016)

          \* Patient has no Visits for this date...

   Select PROCEDURE: 99212

     Searching for a CPT, (pointed-to by PROCEDURES)

CHOOSE 21-105: 101 99212 OFFICE/OUTPATIENT VISIT EST

...OK? Yes// (Yes)

PROCEDURES: 99212//

Select CPT MODIFIER SEQUENCE:

Rendering Provider:

Referring Provider:

Supervising Provider:

ASSOCIATED CLINIC: TEST CLINIC

DIVISION: CHEYENNE VAMROC//

PLACE OF SERVICE: 22       OUTPATIENT HOSPITAL

TYPE OF SERVICE: 1       MEDICAL CARE

EMERGENCY PROCEDURE?: NO//   NO

PRINT ORDER:

NDC NUMBER: 57894-0060-03

UNITS: 1// .5

If user ??, a list of options will not display.

PRINT ORDER:

NDC NUMBER: 57894-0060-03

UNITS: 1// ?? or .5

        Enter the number of units of the non-prescription medication

        administered.

The system must be updated to allow for different types of measurement (qualifiers) to be available to users. Users should be able to enter **??** to display the available selections for a Unit or Basis for Measurement code. The default value for unit or basis of measurement should continue to be Unit.

Select PROCEDURE DATE (7/9/16-7/9/16): 070916  (JUL 09, 2016)

          \* Patient has no Visits for this date...

   Select PROCEDURE: j1030

     Searching for a CPT, (pointed-to by PROCEDURES)

  J1030    METHYLPREDNISOLONE 40 MG INJ

        ...OK? Yes//   (Yes)       METHYLPREDNISOLONE 40 MG IN

PROCEDURES: J1030//

Select CPT MODIFIER SEQUENCE:

Rendering Provider:

Referring Provider:

Supervising Provider:

ASSOCIATED CLINIC:

DIVISION: CHEYENNE VAMROC//

PLACE OF SERVICE: 22       OUTPATIENT HOSPITAL

TYPE OF SERVICE: 1       MEDICAL CARE

EMERGENCY PROCEDURE?: NO//   NO

PRINT ORDER:

NDC NUMBER: 57894-0060-03

UNITS/BASIS OF MEASUREMENT: UNITS//??

Enter the units or basis for measurement associated with the

Medication.

Choose from:

1 International Unit

2 Gram GR

3 Milligram ME

4 Milliliter ML

5 Unit UN

Quantity: 1// ?? or .5

        Enter the number of units of the non-prescription medication

        administered. Decimal values are allowed (example 1.5 ML).

The process required to accomplish this functionality is outlined below:

* User enters a Healthcare Common Procedure Coding System (HCPCS)/ Current Procedural Terminology (CPT) procedure code for a professional or institutional claim that is not a prescription (RX) code procedure but which requires the reporting of the administration of a medication as part of the procedure. User enters the NDC number in billing screen 5, section 4 under Coding Method.
* User is able to submit the appropriate unit or basis for measurement code for the medication or biological entered.
* User is able to do one of the following:
  + accept the Default value for the Units/Basis of Measurement by pressing enter, or
  + user is able to enter **??** to obtain HELP and view a list of available choices, or
  + user is able to enter the one of the available choices
* After the user selects the unit of measurement, the user is able to enter the quantity of units/basis for measurement that represents the amount of the medication administered.

The following table lists acceptance criteria for this user story:

| ID | Criteria |
| --- | --- |
| DM1-1-1 | User accesses the Enter/Edit Billing Information option. |
| DM1-1-2 | User enters any necessary information on the billing screens proceeding Screen 5. |
| DM1-1-3 | User accesses Section 4 on Screen 5 and enters a HCPCS/CPT code for a procedure that requires the inclusion of an NDC for the administration of a non-prescription (RX) medication. |
| DM1-1-4 | User enters an NDC for the medication associated with the procedure. |
| DM1-1-5 | User enters a Unit/Basis of Measurement by accepting the default value of UNITS or by entering a code (F2, GR, ME, ML, UN) or by entering a?? at the prompt for unit or basis for measurement code and then selecting a code. |
| DM1-1-6 | The IB system then prompts user to enter the appropriate unit quantity. |
| DM1-1-7 | The IB system allows the user to complete and authorize the bill. |
| DM1-1-8 | The IB system transmits the NDC number, the Units/Basis of Measurement and the Quantity in PRF, Pieces 22, 23, 25 (Professional) of the 837 flat file. |
| DM1-1-9 | The IB system transmits the NDC number, the Units/Basis of Measurement and the Quantity in INS, Pieces 15, 16, 17 (Institutional) of the 837 flat file. |

# Constraints

n/a

# Assumptions

FSC already has all the available Units or Basis of Measurement codes in their 837 mapping and will therefore not have to make corresponding changes to add them.

As part of this update, the corresponding portions of the flat file document (Interface Control Document (ICD) Patch XXX, Healthcare Claims (837) must be updated.

# Risks

If this is not corrected, the user may not be able to accurately report the administration of a medication given during a procedure/visit. This could result in the rejection of the claim by the payer.

# Approval Signatures

|  |
| --- |
|  |

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Version | Description | Author |
| 09/14/2016 | v0.01 | Original | J. Mann |
| 10/4/2016 | v0.02 | Updated following elaboration session | M. Simons |
| 10/24/2016 | V1.0 | Final version for submission | Leidos |