IHS RPMS eLearning Training

Possible Dosages and Local Possible Dosages

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Presented By…

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Drug File

- Version: 4.0
- Patch: 1166

Introduction

Overview and explanation of Possible Dosages and Local Possible Dosages and how to optimize their functionality.

LCDR Knutson has been a pharmacy informaticist with the IHS since 2013 at Quentin N. Burdick Memorial Healthcare Facility in Belcourt, ND

This Course Is Suitable for the Following Roles

- Outpatient pharmacist
- Inpatient pharmacist
- Pharmacy informaticist

Prerequisites

- Drug File Enter/Edit access

Learning Objectives

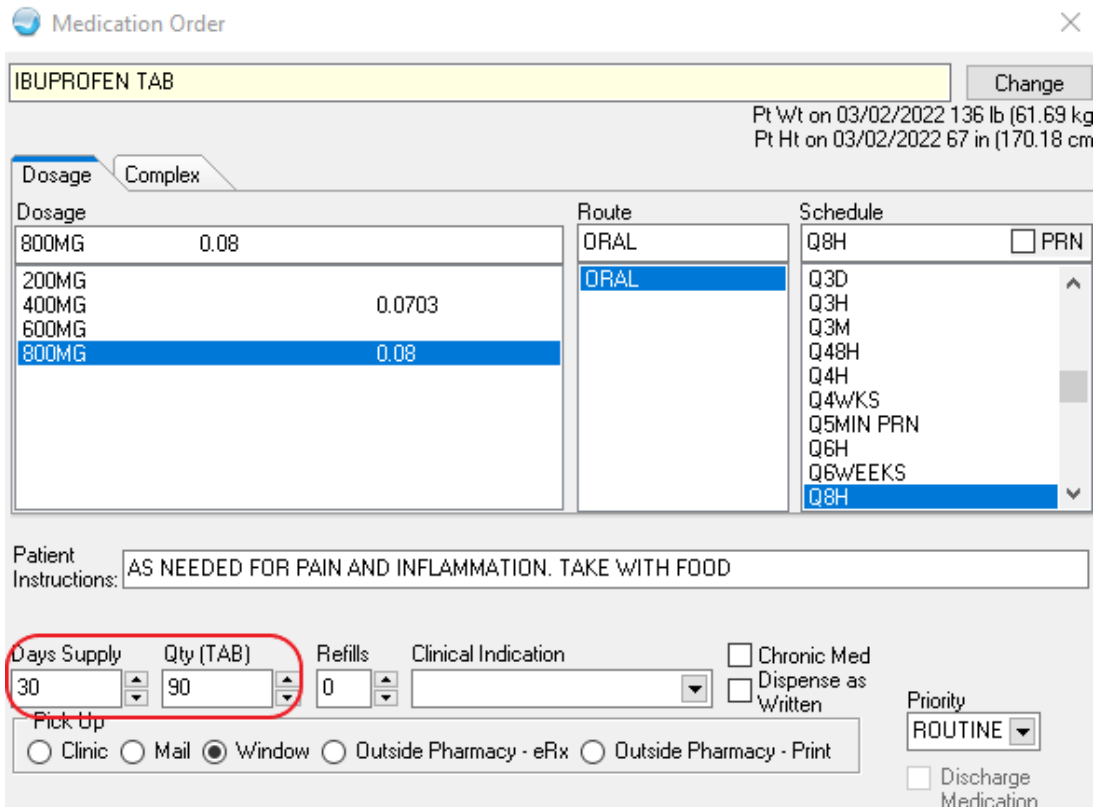
- By the end of this training you will be able to:
  - Define a Possible Dosage
  - Demonstrate how to create and delete a Possible Dosage
  - Define a Local Possible Dosage
  - Demonstrate how to create and delete a Local Possible Dosage
  - Identify situations when a Local Possible Dosage should be used

Possible Dosages

- Only drugs that meet the specified criteria based on the VA Product File match can have Possible dosages.
  - Some Possible Dosages (i.e., injectables, oral liquids) can only be marked for the Inpatient Pharmacy Package
- Possible Dosages are the best option to use when available
- Create as many Possible Dosages as needed, including fractional doses
- Possible Dosages can be specified to Inpatient (I), Outpatient (O), or Both (IO) Pharmacy Packages

Possible Dosages – Quantity and Days Supply

- Best option when available
- EHR is able to calculate Qty based off Days Supply for Outpatient orders



Creating Possible Dosages

- Create as many Possible Dosages as appropriate, including fractional dosages
  - RPMS will default to 1 and 2 Dispense Units Per Dose, all others will need to be created

    Lisinopril 10 mg tablet:

```
POSSIBLE DOSAGES:
   DISPENSE UNITS PER DOSE: 1          DOSE: 10MG          PACKAGE: IO
   DISPENSE UNITS PER DOSE: 2          DOSE: 20MG          PACKAGE: IO

LOCAL POSSIBLE DOSAGES:



Do you want to edit the dosages? N// YES
```

Creating Possible Dosages – Strength

Lisinopril 10 mg tablet continued:

```
Do you want to edit the dosages? N// YES

Changing the strength will update all possible dosages for this Drug.

STRENGTH: 10// *Do not change the strength*

Select DISPENSE UNITS PER DOSE: .5  *can not type 0.5*
  Are you adding '.5' as a new POSSIBLE DOSAGES (the 3RD for this DRUG)? No// Y
  (Yes)
  Dosage = 5MG
   POSSIBLE DOSAGES DOSE: 5//   (No Editing)

DISPENSE UNITS PER DOSE: .5//
PACKAGE: IO *must select a pharmacy package*
```

Creating Possible Dosages – Units per Dose

Lisinopril 10 mg tablet continued:

```
Select DISPENSE UNITS PER DOSE: 3
  Are you adding '3' as a new POSSIBLE DOSAGES (the 4TH for this DRUG)?
No// Y  (Yes)
  Dosage = 30MG
   POSSIBLE DOSAGES DOSE: 30//   (No Editing)

DISPENSE UNITS PER DOSE: 3//
PACKAGE: IO
```

Creating Possible Dosages – Updated List

Lisinopril 10 mg tablet continued:

```
POSSIBLE DOSAGES:
   DISPENSE UNITS PER DOSE: 1          DOSE: 10MG          PACKAGE: IO
   DISPENSE UNITS PER DOSE: 2          DOSE: 20MG          PACKAGE: IO
   DISPENSE UNITS PER DOSE: 0.5        DOSE: 5MG           PACKAGE: IO
   DISPENSE UNITS PER DOSE: 3          DOSE: 30MG          PACKAGE: IO

LOCAL POSSIBLE DOSAGES:
```

Deleting Possible Dosages

- Possible Dosages default to 1 and 2 Dispense Units Per Dose
  - Always review, 2 dispense units may not be an appropriate dose:

Ibuprofen 800 mg tablet:

```
POSSIBLE DOSAGES:
   DISPENSE UNITS PER DOSE: 1          DOSE: 800MG          PACKAGE: IO
   DISPENSE UNITS PER DOSE: 2          DOSE: 1600MG         PACKAGE: IO

LOCAL POSSIBLE DOSAGES:
```

Deleting Possible Dosages – Strength

Ibuprofen 800 mg tablet continued:

```
Do you want to edit the dosages? N// YES

Changing the strength will update all possible dosages for this Drug.

STRENGTH: 800// *Do not change the strength*

Select DISPENSE UNITS PER DOSE: 2     1600     IO

DISPENSE UNITS PER DOSE: 2// @
   SURE YOU WANT TO DELETE THE ENTIRE '2' DISPENSE UNITS PER DOSE? Y  (Yes)
```

Deleting Possible Dosages – Units

Ibuprofen 800 mg tablet continued:

```
POSSIBLE DOSAGES:
   DISPENSE UNITS PER DOSE: 1          DOSE: 800MG          PACKAGE: IO

LOCAL POSSIBLE DOSAGES:



Do you want to edit the dosages? N//
```

Possible Dosages – Inpatient/Outpatient

- Dosages can be specified to Inpatient (I), Outpatient (O), or Both (IO) Pharmacy Packages
  - Some medications (i.e., Injectables, oral liquids) can only be marked for the Inpatient Pharmacy Package (this comes from the NDF match)

Acetaminophen 160 mg/5 ml oral suspension:

```
POSSIBLE DOSAGES:
   DISPENSE UNITS PER DOSE: 1          DOSE: 160MG/5ML          PACKAGE: I


LOCAL POSSIBLE DOSAGES:



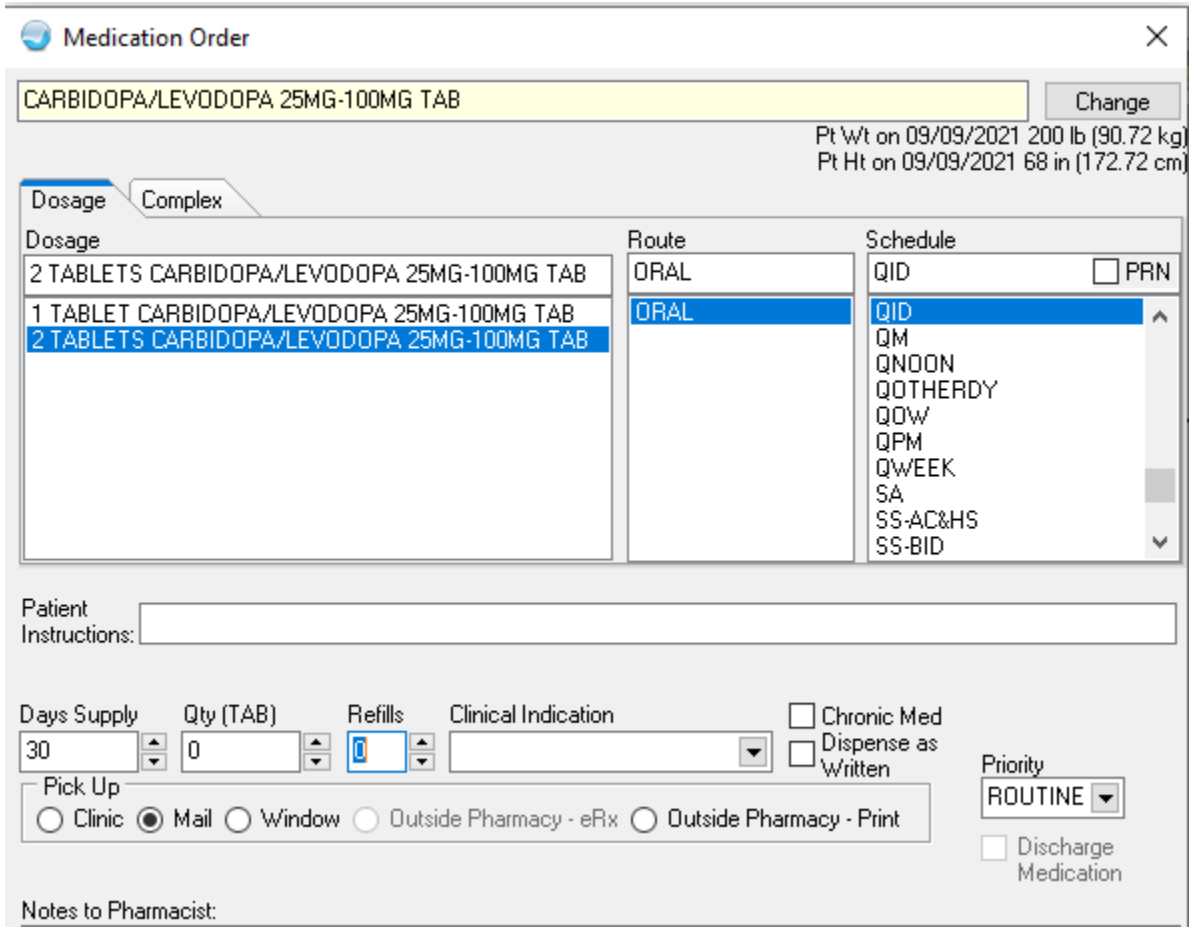
Do you want to edit the dosages? N// Y *Local Possible Dosage needed*
```

Local Possible Dosages

- Free text entry
- Needed for liquids, topicals, ophthalmics, otics, inhalers, and multi-ingredient medications (i.e., triamterene/hydrochlorothiazide)
- If a medication has both Possible Dosages and Local Possible Dosages marked for the same pharmacy package, only the Possible Dosage will be available in EHR
- Always review in EHR to verify the Local Possible Dosage displays correctly

Local Possible Dosages – Editing Quantity

Local Possible Dosages do not auto-calculate QTY from the Days Supply



Creating a Local Possible Dosage

Acetaminophen 160 mg/5 ml oral suspension:

```
POSSIBLE DOSAGES:
   DISPENSE UNITS PER DOSE: 1          DOSE: 160MG/5ML          PACKAGE: I

LOCAL POSSIBLE DOSAGES:
```

Creating a Local Possible Dosage – 5ml

Acetaminophen 160 mg/5 ml oral suspension continued:

```
Select LOCAL POSSIBLE DOSAGE: 5 MLS (160MG)
  Are you adding '5 MLS (160MG)' as
    a new LOCAL POSSIBLE DOSAGE (the 1ST for this DRUG)? No// Y  (Yes)


LOCAL POSSIBLE DOSAGE: 5 MLS (160MG)//
PACKAGE: O  Outpatient
DOSE UNIT: ML  MILLILITER(S)
NUMERIC DOSE: 5
```

Creating a Local Possible Dosage – 10 ml

Acetaminophen 160 mg/5 ml oral suspension continued:

```
Select LOCAL POSSIBLE DOSAGE: 10 MLS (320 MG)
  Are you adding '10 MLS (320 MG)' as
    a new LOCAL POSSIBLE DOSAGE (the 2ND for this DRUG)? No// Y  (Yes)


LOCAL POSSIBLE DOSAGE: 10 MLS (320 MG)//
PACKAGE: O  Outpatient
DOSE UNIT: ML  MILLILITER(S)
NUMERIC DOSE: 10
```

Creating a Local Possible Dosage – 15 ml

Acetaminophen 160 mg/5 ml oral suspension continued:

```
*must have ml in dose for Oral Liquids*
Select LOCAL POSSIBLE DOSAGE: 15 ML
  Are you adding '15 ML' as a new LOCAL POSSIBLE DOSAGE (the 4TH for this
DRUG)?
 No// Y  (Yes)


LOCAL POSSIBLE DOSAGE: 15 ML//
PACKAGE: IO  Both
DOSE UNIT: ML  MILLILITER(S)
NUMERIC DOSE:
```

Deleting a Local Possible Dosage

Again, be sure to review appropriateness of Local Possible Dosages:

Atripla tablet (Local Possible Dosages default to 1 Tablet and 2 Tablets with NDF match)

```
LOCAL POSSIBLE DOSAGES:
  1 TABLET                                          PACKAGE: IO
    BCMA UNITS PER DOSE:
          NUMERIC DOSE:              DOSE UNIT:
  2 TABLETS                                         PACKAGE: IO
    BCMA UNITS PER DOSE:
          NUMERIC DOSE:              DOSE UNIT:
```

Deleting a Local Possible Dosage (con't)

Atripla tablet continued:

```
Do you want to merge new Local Possible Dosages? Y// NO *saying Yes will
merge the defaults from the NDF, in this case 1 and 2 tablets*
Strength:                       Unit:


Select LOCAL POSSIBLE DOSAGE: 2 TABLETS     IO


LOCAL POSSIBLE DOSAGE: 2 TABLETS// @
   SURE YOU WANT TO DELETE THE ENTIRE '2 TABLETS' LOCAL POSSIBLE DOSAGE? Y
(Yes)
```

Deleting a Local Possible Dosage – Do Not Merge

Do not merge new Local Possible Dosages:

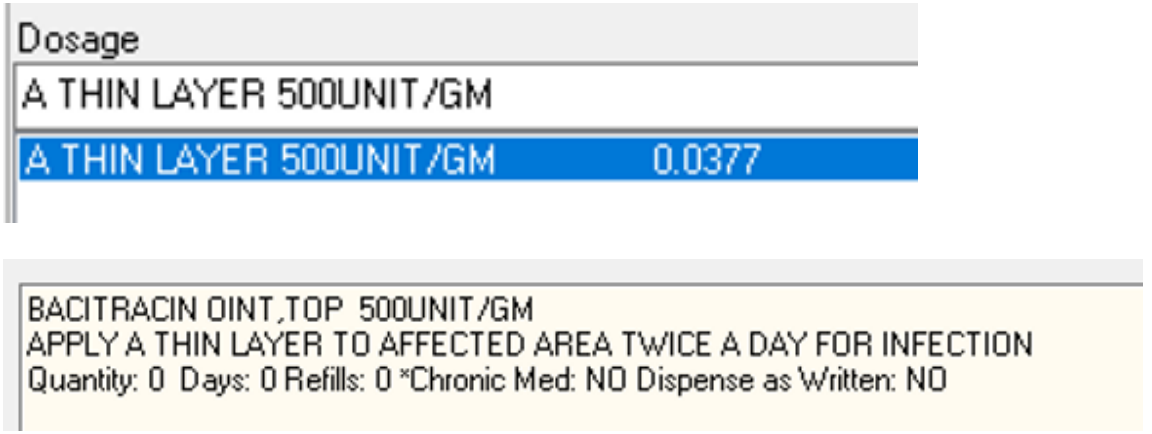
Cyanocobalamin 1000 mcg/ml

```
1 ML                                                    PACKAGE: OI
   BCMA UNITS PER DOSE:
   NUMERIC DOSE:    DOSE UNIT:
1 MG                                                    PACKAGE: OI
   BCMA UNITS PER DOSE:
   NUMERIC DOSE:    DOSE UNIT:
1 GRAM                                                  PACKAGE: OI
   BCMA UNITS PER DOSE:
   NUMERIC DOSE:    DOSE UNIT:

Do you want to merge new Local Possible Dosages? Y// N
*if Y is entered, delete the inappropriate Local Possible Doses*
```

Local Possible Dosages – Verify correct dosage

Always review in EHR to verify the dosage appears correctly.



Free Text Dosage Report

- Accessed from:
  - Outpatient Pharmacy Manager
    - Output Reports
- The report provides a list of drugs for those prescriptions where the dosage field has a free text entry
- This is useful during drug file clean up quick order creation

- Report Sample

```
Run Date: MAY  5,2022                                                    Page 1
                    Free Text Dosage Entry Report
                 for the Period: MAY  1,2022 to MAY  5,2022
Drug                                    Free Text Entry                  Count
    Provider:Count
-------------------------------------------------------------------------------

CLONAZEPAM 0.5MG TAB (84165)            0.25MG                           1
    DEMO,DOCTOR M MD:1
                                        0.5MG                            1
    DEMO,DOCTOR M MD:1

CLONIDINE HCL 0.1MG TAB (84137)         0.05MG                           1
    DEMO,DOCTOR:1
                                        0.1MG                            1
    DEMO,DOCTOR:1

FLUTICASONE PROP 50MCG 120D NA (84023)  2 SPRAYS                         1
    DEMO,DOCTOR:1

INSULIN DETEMIR 100 UNIT/ML IN (84827)  60 UNITS                         1
    DEMO,DOCTOR:1
```

Key Contact and Resource Information

Contact	Purpose	Links
RPMS EHR On-Line Help Files	End-user training/support	Inside RPMS EHR under “Help”
RPMS Feedback	Enhancements requests	https://www.ihs.gov/RPMS/index.cfm?module=feedback&option=add&newquery=1
Listserv (EHR)	Share experiences and questions with other sites	https://www.ihs.gov/listserv/
Tiered Support	Set up/IIS support/Issues/ General Support	Elevate through appropriate tiered support structure. 1. Local IT or Informaticist 2. Area IT or Informaticist 3. IT Service Desk- User Support (IHS) ITSupport@ihs.gov or directly via ServiceNow Self Service Portal. At https://www.ihs.gov/itsupport/
Resource and Patient Management (RPMS) Clinical Applications	User manual Technical Manual Install Manual	https://www.ihs.gov/rpms/index.cfm?module=Applications&option=View&AC_ID=0
RPMS EHR Training Website	End-user training/support	https://www.ihs.gov/rpms/training/
RPMS EHR Training Recording Repository	End-user training/support	https://www.ihs.gov/rpms/training/recording-and-material-library/