



Division of Workers' Compensation
MTUS Formulary
Pharmacy and Therapeutics Committee

Discussion of MTUS Drug List Structure and Content:
Unique Pharmaceutical Identifiers

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MTUS Drug List Specifics

- MTUS Drug List provides a list of drugs that are based on the treatment guidance in the MTUS ACOEM Treatment Guidelines
- Additional information for each drug ingredient (generic drug) on the drug list:
 - Dosage form
 - Strength
 - RxCUI
- Specific dosage forms and strengths listed are based on the available dosage forms and strengths for the listed ingredient.
 - References include FDA Orange Book and FDA Biological License Application approvals
 - Generally excludes pediatric dosage forms (Discussion Point)
 - Includes dosage forms that match Guideline References (if specifically noted)
 - Includes only available dosage forms currently on the market
- Level of specificity is intended to:
 - Ensure generic equivalency to FDA approved products
 - Provide consistent guidance
- List also includes non-FDA approved products referenced in the guidelines (e.g. vitamins)

RxCUI

- What is RxCUI?
- Non-proprietary hierarchical coding system created by the National Library of Medicine that allows like products to be grouped via a numerical sequence, and is a component of RxNORM
- RxNORM is a system which provides normalized names and unique identifiers for medicines and drugs
- More specifically it creates specific numerical codes for broad to narrow descriptions of a specific drugs
- Codes are assigned for both generic drug descriptions and brand name drug descriptions
- RxCUI codes can be viewed via the RxNAV application as shown on the next four slides



String [Q] [↺]

celecoxib [RxCUI = 140587]

- RxNorm Graph
- RxNorm Properties**
- NDC
- RxTerms
- Pill Images
- Class View
- Interaction View
- Status

Views

- Classic
- Simple
- Table

Filters

Human

Vet

Rx Pres

Single

Group Form

Links

- Drug Label
- MedlinePlus
- Drug Portal

Legend

MIN Pack

Multi

Download

| IN/MIN | Ingredient (2) |
|----------|------------------------|
| H Rx S | celecoxib |
| M H Rx M | amLODIPine / celecoxib |

| PIN | Precise Ingredient (0) |
|-----|------------------------|
|-----|------------------------|

| BN | Brand Name (2) |
|--------|----------------|
| H Rx S | CeleBREX |
| H Rx M | Consensi |

| SCDC | Clinical Drug Component (4) |
|---------|-----------------------------|
| H Rx S | celecoxib 100 MG |
| H Rx SM | celecoxib 200 MG |
| H Rx S | celecoxib 400 MG |
| H Rx S | celecoxib 50 MG |

| SBDC | Branded Drug Component (5) |
|--------|---|
| H Rx M | amLODIPine 2.5 MG / celecoxib 200 MG [Consensi] |
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| SCD/GPCK | Clinical Drug or Pack (7) |
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| SCDG | Clinical Dose Form Group (4) |
|--------|-------------------------------------|
| H Rx M | amLODIPine / celecoxib Oral Product |
| H Rx M | amLODIPine / celecoxib Pill |
| H Rx S | celecoxib Oral Product |
| H Rx S | celecoxib Pill |

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What was used for MTUS

- MTUS listed RxCUI values correspond to the SCD/GPCK values
 - SCD – Semantic Clinical Drug describes a product by Ingredient + Strength + Dosage Form, e.g. Celecoxib Capsule 100 mg
 - GPCK – Generic Pack adds an additional separation when an SCD may be packaged in different quantities that are important to differentiate, e.g. Levalbuterol MDI 0.045MG/Actuation 80 dose container vs 200 dose container
- RxCUI values specific to a brand name drug are not included on the MTUS Drug List
- In some instances the RxCUI is from the “Ingredient” level only, for example Magnesium (bulk chemical)