

Clinical API Overview

Power your clinical software with our detailed drug data and flexible search tools.



✓ **BASE MODULE**

Drug Search

Required for add-on modules, this base module provides several useful ways to search and access the complete list of drug products available in a chosen region. What's included:

✓ **Drug Product List & Product Concepts**

Allows you to capture, store, and organize drug information at any level of specificity

✓ **Fuzzy & Autocomplete Search**

Prevent errors in typing and make quicker searches while delivering accurate results

✓ **Drug & Therapeutic Categories**

Easily cross-reference data with Medical Subject Headings (MeSH), chemical taxonomy, and Established Pharmacological Class (EPC)

✓ **ATC Code Cross-Mappings**

Identify other drugs that can be used for a condition by cross-referencing with ATC Codes

✓ **Simple & Clinical Descriptions**

Information for each drug ingredient understood by both health care professionals and non-clinical users

+ ADD-ON MODULES

Pharmacology

Access structured pharmacology information for drug ingredients. Includes:

- Detailed descriptions of the mechanism of action
- Metabolism
- Absorption
- Distribution
- Elimination
- Pharmacokinetic and pharmacodynamic parameters such as *half-life*, *clearance*, and *LD50*

Provide your users with detailed pharmacology information, backed by scientific evidence.

Conditions

Search by the medical condition you are looking to treat or return conditions based on a drug. Get condition-specific descriptors which include:

- Severity
- Status
- Stage of a condition or disease

Conditions can also be linked to *MedDRA*, *ICD-10* or *SNOMED* term sets¹ to allow for easy connectivity with existing systems.

Adverse Effects

Help your users assess risk for a patient. Identify drug side effects by accessing our extensive, structured adverse effects information, which includes:

- Specific effects
- Incidence rates
- Clinical trials information where available

Our adverse effects information can also be linked to *MedDRA*, *ICD-10* or *SNOMED* term sets¹ to allow for easy connectivity with existing systems.

Contraindications & Blackbox Warnings

Help your users avoid prescribing errors by providing them with our structured contraindications and blackbox warnings.

Our detailed data, linked to conditions, includes warnings and contraindications related to several factors including pregnancy, age, as well as disease interactions and drug-drug interactions.

¹ Requires Add-On Functionality

+ ADD-ON MODULES



Indications

Help your clinical users make informed, accurate decisions by providing them with drug indication information. Including:

- Specific conditions
- Symptoms for the indication
- Type of indication

Users can also find potential drug substitutions for the same or similar conditions and avoid prescribing drugs where treatment is already provided.



Drug Allergies

Easily find allergy information related to drugs and drug products.

Get allergy presentation information, severity levels of allergic reactions, and management information. This module also provides cross-sensitivities information including:

- An overview and description of the cross-sensitivity
- A list of potential sensitive drugs
- The incidence rate



Drug-Drug Interactions

Reduce medical errors and patient risk by supplying your users with the precise information they need to make better prescribing decisions.

Look up drug-drug interactions for a drug product or ingredient, or check for drug-drug interactions within a list of medications. Each interaction includes:

- A severity rating
- A description of the interaction
- Management details

Users can search by various identifiers including by ingredients, products (such as *NDC* or *RxNorm* codes), or our product concepts.



US Drug Labels

Provide your users with FDA-approved, manufacturer drug label information tailored to their needs.

Help them make informed healthcare decisions and avoid common medication errors. Choose from:

⊕ Patient Medication Guides

Key information for the patient including instructions for use and important side effects.

⊕ Health Professional Information

Prescribing information for health professionals including instructions for use, dosage, indications, side effects, contraindications, and blackbox warnings.

⊕ Supplementary Label Information

Structured drug label sections including information such as clinical trials, toxicology, pharmacology, & detailed experimental results.

+ ADD-ON FUNCTIONALITY

Additional Regions

Expand your drug product lists beyond your chosen region.

Add on the following regions, and allow your end user to search across one or many regional product lists.

United States

European Union

Thailand

Canada

Indonesia

Turkey

Italy

Malaysia

Colombia

Austria

Singapore

Cross-Mapping Integrations

Our conditions and adverse effects information can easily be linked to term sets² to allow for easy connectivity with existing systems. Including:

SNOMED-CT

MedDRA

ICD-10

Offline Use

This add-on functionality enables offline lookup for medications and drugs to allow for recording medication entries without internet access.

Includes the product lists and drug lists for your selected regions.

² Requires external licenses

Questions?

We're here to help. Get in touch with our sales team today!

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