

# **Drug Label Research Across the Product Lifecycle**

July 25, 2024



# Speakers



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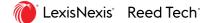


Julia Frasch
Account Manager,
Pharma,
Reed Tech

#### **Discussion Topics**



- Drug Label Overview
- Unique Label Research Scenarios
  - Search Products
  - Evaluate Market Labels
  - Track Label Version History
  - Find Competitor and RLD Updates
  - Confirm Delisting
- Reed Tech Support





# **Drug Label Overview**



# Drug Label Submission and Distribution

──── FDA Submission → Public Distribution →













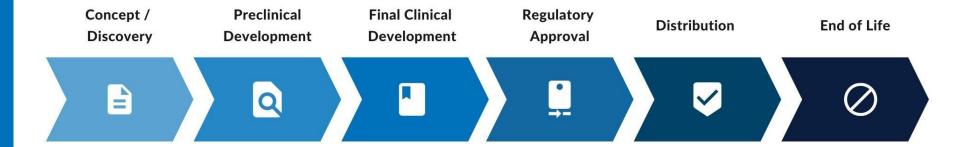
Manufacturer (Labeler)

Reed Tech
SingleSource™ for
Drug Products,
Services

FDA
Drugs@FDA,
FDALabel

**NLM** DailyMed Reed Tech Navigator™ for Drug Labels Public Manufacturer, Consultants, Legal, etc.

# Drug Product Lifecycle





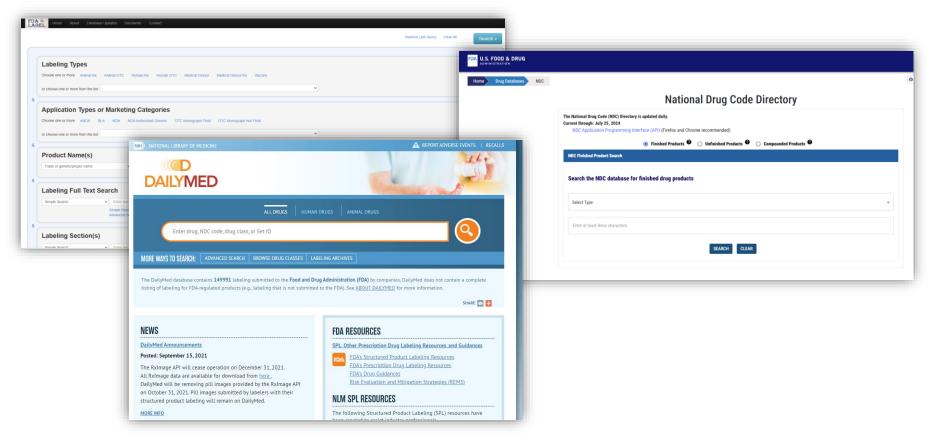




- When Early-stage drug concept and discovery
- Challenge Need to research market for drug products
- Reason(s)
   1. Identify current "state the art" standard for indication or class
  - 2. Identify the number of manufacturers and competition
  - 3. Identify existing products and packaging
  - 4. Identify active ingredients, formulation, dosage form, how it is supplied, etc.



- Tool <u>FDALabel</u>, NLM <u>DailyMed</u>
- Method
   Full text search, MedDRA term, search
- Comment FDALabel contains additional links to helpful information, Both FDALabel and DailyMed are providing access to current approved and drug listed versions

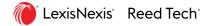




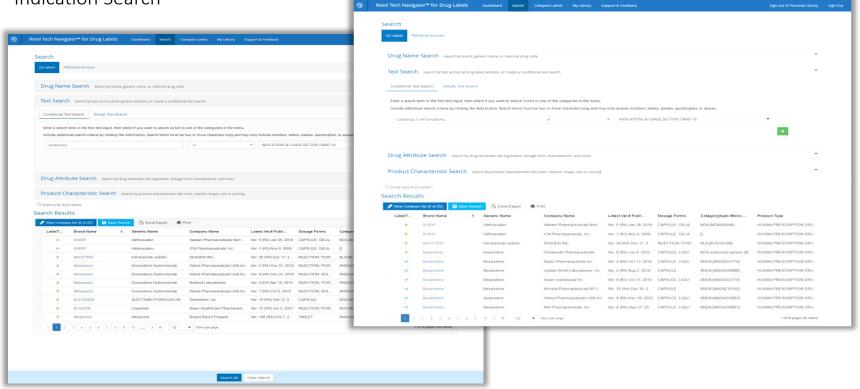
Tool Reed Tech Navigator™ for Drug Labels

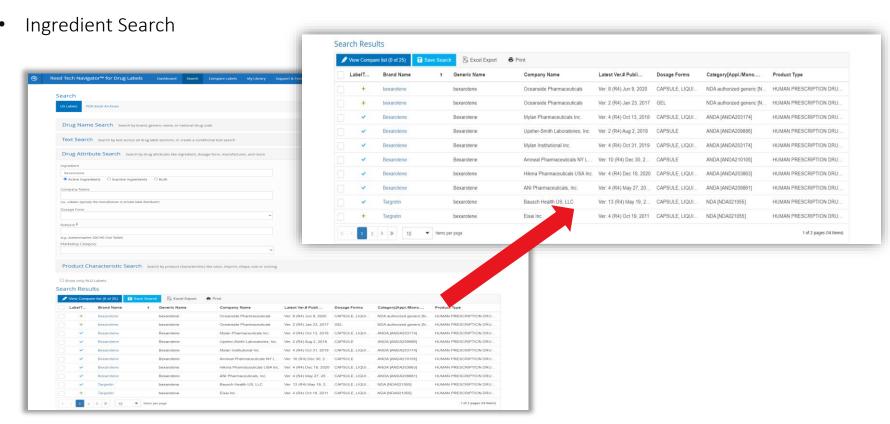
Method Full text search

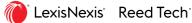
Comment Search across current and historical versions of all labels



Indication Search











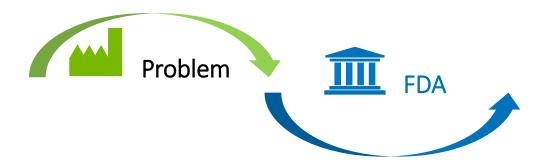


When Development (Label Authoring)

Challenge Need to evaluate market labels, including Reference Listed Drugs (RLD)

Reason(s)

- 1. Identify the baseline or common label approach in pharmacological class
- 2. Identify noteworthy unique content in competitor labels
- 3. Identify RLD label content (labeling text, listing metadata, images, patient info, etc.) to duplicate in generic drug label



Tool FDALabel, NLM DailyMed, Drugs@FDA

Method Full text search, Pharma Class, search...

Comment Drugs@FDA - latest approved label, but in PDF format (not SPL XML)

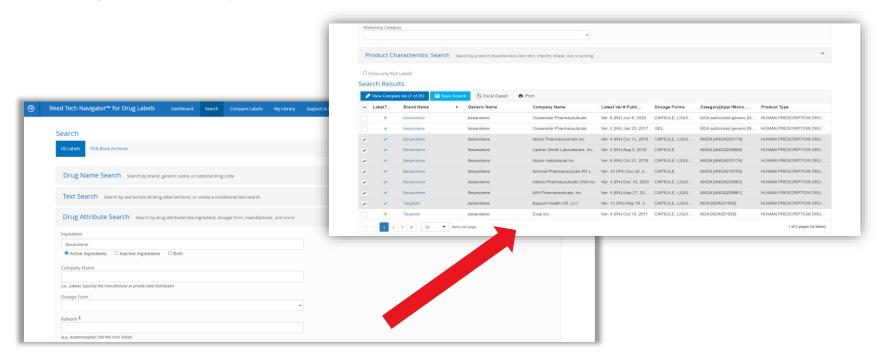


Tool Reed Tech Navigator™ for Drug Labels

Method
 Full text search, Unique Ingredient Identifier (UNII) code

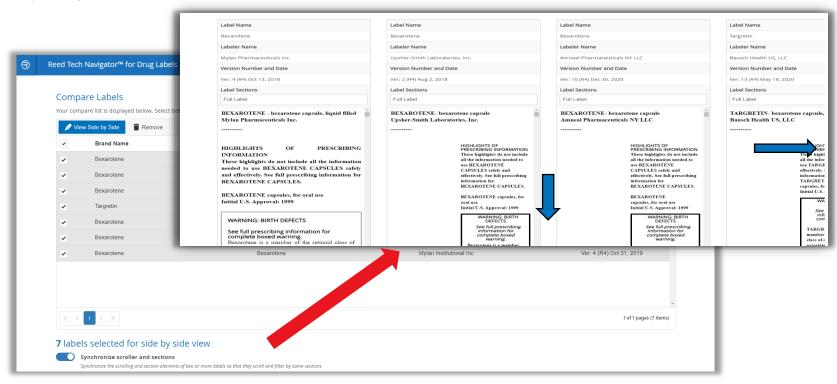
Comment Label comparison (A/B, RLD/Generic)

Selecting Labels to Compare

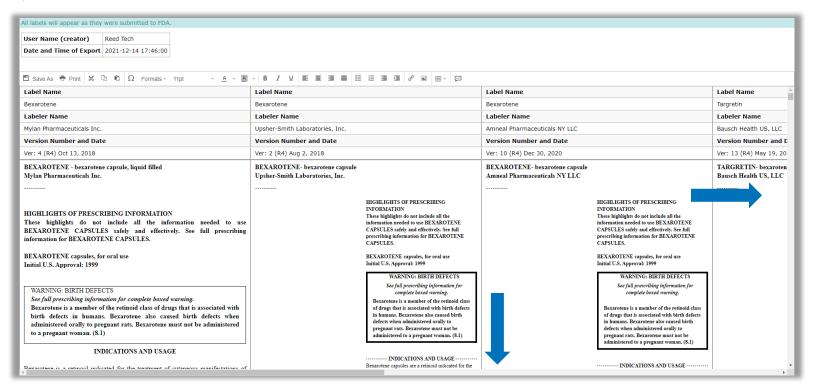


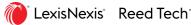


Comparing Labels



Export Label









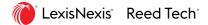


- When
- Challenge
- Reason(s)

Approval and Post-Market Research

Need to identify changes across drug label versions

- 1. Confirm label publication and version accuracy
- 2. Establish evolutionary changes to a label
- 3. Determine specific content and wording of a particular version or time period for regulatory or legal purposes
- 4. Confirm available NDC for assignment



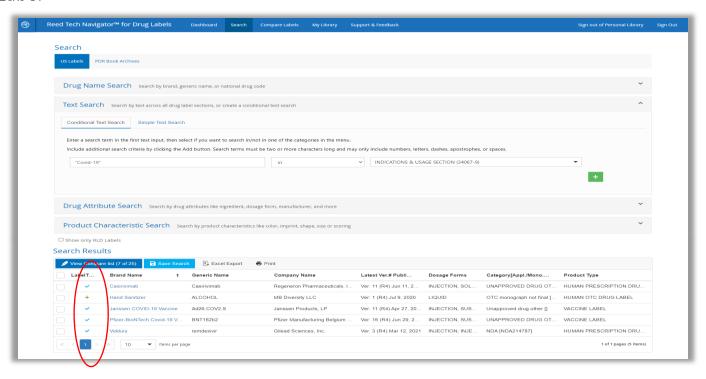


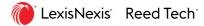
- Tool FDALabel, Drugs@FDA
- Method Drug name search
- Comment Difficult to search for a drug labels history let alone competitor label history



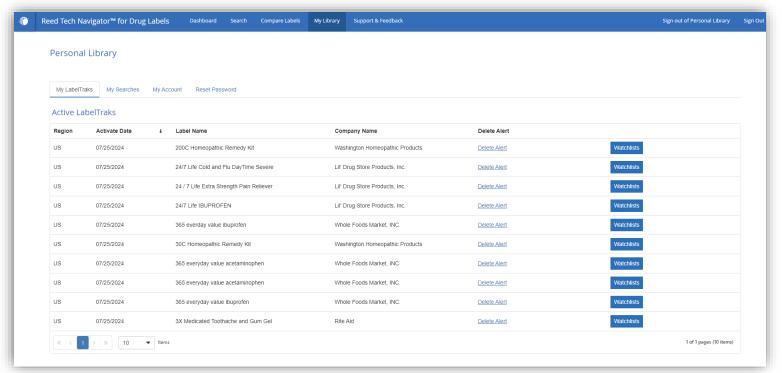
- Tool Reed Tech Navigator™ for Drug Labels
- Method Drug name search, label compare and highlighted comparison
- Comment
   Find all label versions and time intervals, compare versions to identify changes, NDC query

Track Label

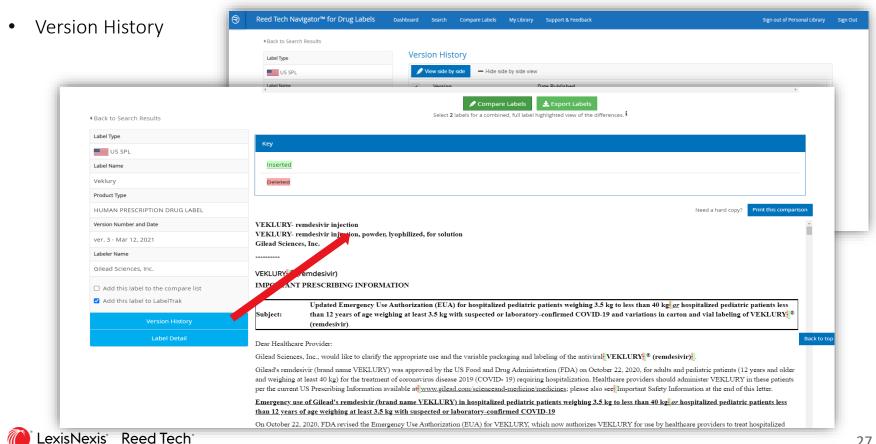




My Library- My LabelTracks notifies you of any updates to these products









# Scenario Four: Competitor and Reference Listed Drug Updates



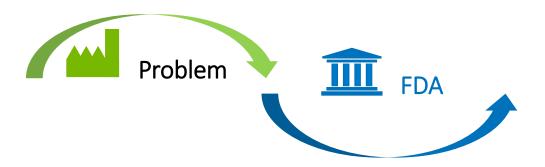


- When
- Challenge
- Reason(s)

Post-Market

Need to identify changes to competitor and RLD drug labels

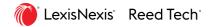
- 1. Market intelligence of changes to box warnings, updated indications, how supplied, dosage form, etc.
- 2. Monitor for updates due to regulations requiring generic drug labels are updated to match RLD updates

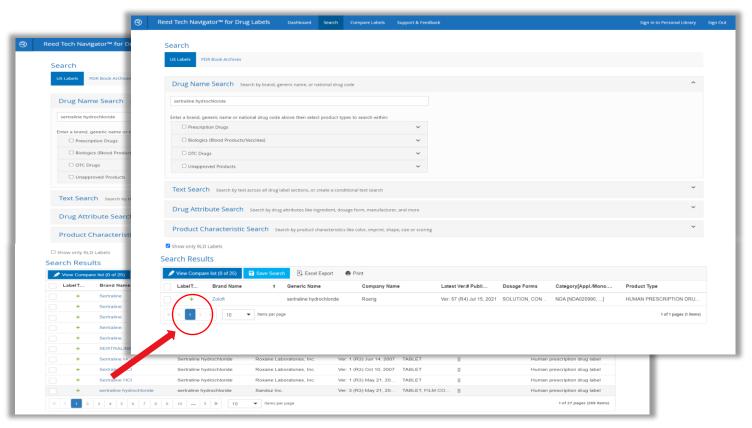


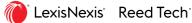
- Tool FDALabel, Drug Safety related labeling changes
- Method Drug name search, FDA email updates
- Comment Latest version of label, notification of what labels have had drug safety related changes



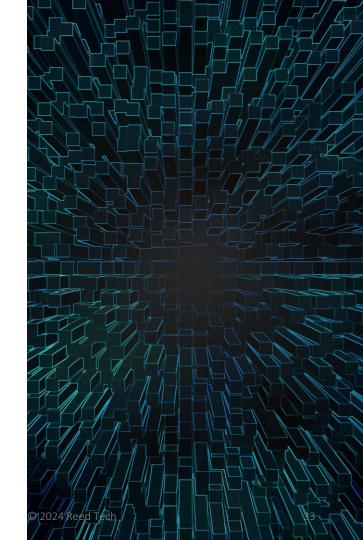
- Tool Reed Tech Navigator™ for Drug Labels
- Method Search, My Library LabelTraks, view side-by-side
- Comment Find latest label versions as well as historical versions, compare versions to identify changes, saved searches using and alerts using the Navigator™ library functions













When Post-Market (end commercial distribution)

Challenge Need to confirm drug label was delisted

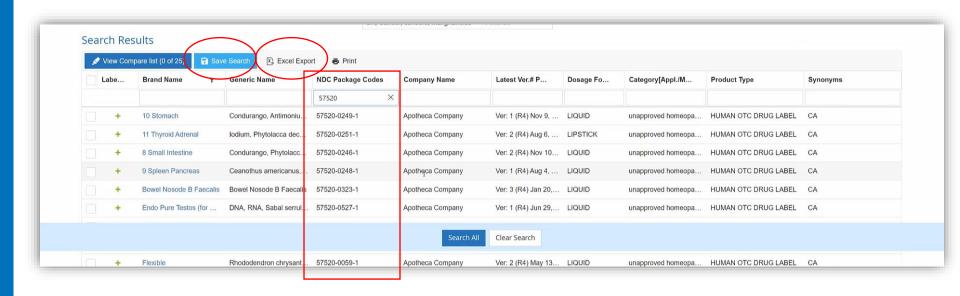
Reason(s)
 Verify label has completed final step, i.e. delisted, to ensure compliance with FDA regulation



- Tool NLM <u>DailyMed</u>, FDA NDC Directory
- Method DailyMed: drug name search, NDC code search and advanced search
  - NDC Directory: drug name, application number, NDC code, labeler name and database files
- Comment
   Once the Marketing End Date has passed these records are archived



- Tool Reed Tech Navigator™ for Drug Labels
- Method Drug name search and NDC code search
- Comment
   NDC code search results provide all active and delisted or expired listings

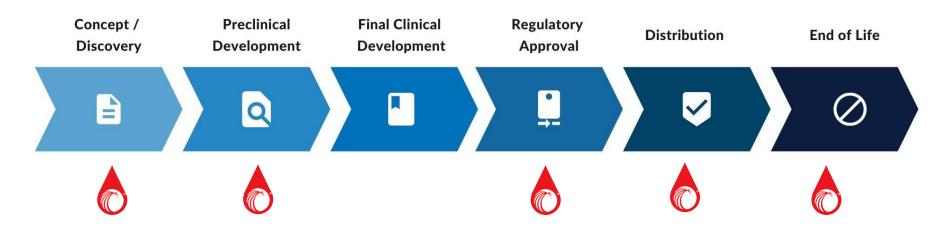




# LexisNexis Reed Tech Navigator™ for Drug Labels



## Reed Tech Product Lifecycle Support



#### **Regulatory Strategy Support**

 Reed Tech Navigator™ for Drug Labels supports market research (sponsors/products) and scientific due diligence

#### Regulatory Affairs Support

• Reed Tech Navigator™ for Drug Labels supports competitive evaluation, i.e., baseline labeling, indications, etc. and confirms label publications

#### **Regulatory Operations Support**

 Reed Tech Navigator™ for Drug Labels supports market intelligence (alerts, version history, cross-label comparisons and export)

## Reed Tech Benefits of Experience



Getting it done right. On time.

The first time.

#### Simplifies management of data

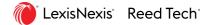
- Secure environments for SPL, drug label data, and FDA document preparation
- Version control and audit trail all current and historical versions

#### Streamlines workflow

- Improved communication between the client & Reed Tech and between colleagues at client organization
- Orders can be placed and tracked
- Users within client organization can be assigned roles and tasks

#### Reduces required resources

- Accurate & consistent use of companies & contacts
- Enter data once & use repeatedly
- On-demand SPL creation and updating
- Instant validation of entries
- Up-to-date with current FDA business rules
- Cloning of product listing metadata



#### Thank You



For more information, contact: pharma@reedtech.com +1-215-557-3010

Or visit us at: www.ReedTech.com





