# Reason for Discontinuation
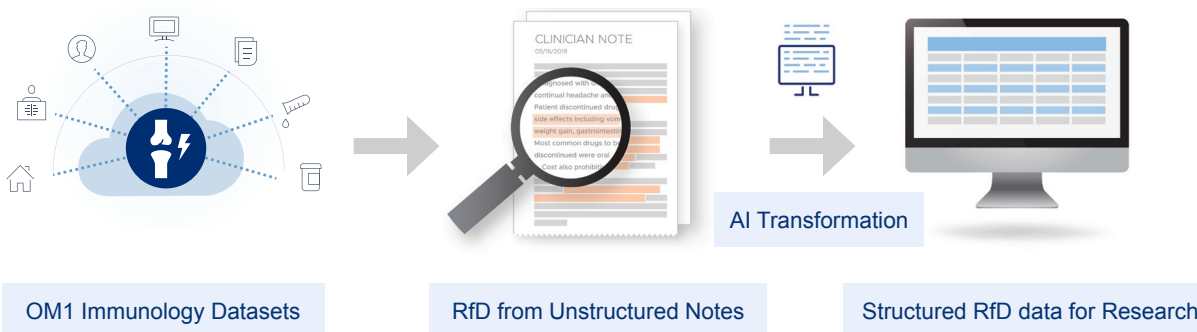
## Immunology

OM1

Patients stop taking medications for different reasons. In most cases, those reasons are hidden in clinical notes and are difficult, if not impossible, to obtain. Accessing those reasons and identifying patterns around discontinuation can provide critical insights into safety, effectiveness, and patient experience.

OM1's Reason for Discontinuation (RfD) Dataset helps pharmaceutical sponsors **access and analyze the RfD of systemic medications used for treating immunological conditions**, such as atopic dermatitis (AD) and rheumatoid arthritis (RA).

Leveraging the OM1 Real-World Data Cloud™ and proprietary artificial intelligence (AI) technology, **RfD are extracted from the clinical narratives** of prescribing clinicians and **transformed into structured and characterized data available for research and analyses**. RfD analyses can be conducted across various strata, including patient characteristics, comorbidities, demographic groups, medical histories, and care pathways.



OM1 Immunology Datasets → RfD from Unstructured Notes → AI Transformation → Structured RfD data for Research

## Reasons for discontinuation are clustered into predefined macro classes:

Tolerability or contraindication

Patient cost or insurance coverage issues

Lack of efficacy

Remission

Other

# High-quality clinical data drives better analyses

RfD datasets can be delivered in the following conditions:

- Atopic Dermatitis (AD)
- Psoriatic Arthritis (PsA)
- Rheumatoid Arthritis (RA)
- System Lupus Erythematosus (SLE)

- Anklyosing Spondylarthritis (AxSpA)
- Juvenile Idiopathic Arthritis (JIA)
- Giant Cell Arteritis (GCA)

# Learn More

Contact us at **info@om1.com**.