



.Σ IMOHealth

## Problem list and documentation solutions

Document with specificity and ease.  
Make problem lists more meaningful.  
Gain insights at the point of care.

# Get more from your problem list

The workflows designed to capture and manage diagnosis and problem data can be disjointed and unnecessarily complex. The reality is that as clinicians struggle to document with speed and ease, they are often inundated with irrelevant and inaccurate data from the problem list. As a result, patient safety, reimbursement, and productivity can suffer.



Today, providers want solutions that simplify their workflows, help them gain insights at the point of care, and allow them to engage with patients for better health outcomes. IMO Health's problem list solutions **streamline clinical workflows to help clinicians document with specificity, manage medical problem lists, and uncover hidden patient insights** to create a more complete patient picture.

## Document more credibly and operate more efficiently with IMO Core and IMO Discovery for Problems

### IMO Core

IMO Core simplifies documentation, problem list management, and access to clinically relevant patient data, ensuring high quality data, reducing the clinician HIT burden, and optimizing reimbursements.

### IMO Discovery for Problems

IMO Discovery for Problems leverages IMO Core to analyze patient data from previous encounters and unstructured clinical notes not documented in the problem list. It then flags this information for the clinician as they work in the patient chart, helping to provide a more complete picture of the patient record in a single view.

## IMO Core

# Document with ease and specificity

IMO Core provides precise problem and advanced specialized terminologies to help clinicians quickly find and accurately document diagnoses using clinically friendly terms that are mapped to the appropriate coding systems. Terminology content is supported by IMO Core's content management portal which helps streamline the import process and ensures terminology is always current, clinically relevant, and aligned with standard coding updates. IMO Core also includes a consolidated library of reference data sets to reduce your IT and vendor-management burden.

- Access comprehensive IMO Health terminology and lexicals with code mappings for ICD-9-CM, ICD-10-CM, SNOMED CT® US Edition, CMS HCCs and RxHCCs, minimizing manual back-end code verification, validation, and crosswalks
- Enhance clinical documentation with specialized problem terminologies specific to genetics, behavioral health, dental, long-term care, and home health
- Reduce time spent managing terminology content updates
- Strengthen clinical documentation specificity and accuracy for optimized billing and reimbursement

Problem List

DiabI + Add

- Diabetes w/ no complications
- Diabetes w/ ophthalmic manifestations
- Diabetes w/ acute complications
- Diabetes w/ end stage renal disease ESRD
- Diabetes w/ neurological or other specified manifestations
- Diabetes w/ renal manifestations
- Diabetes w/ peripheral circulatory manifestations

Capture complex conditions with a single search and click.

Problem List

Search + Add

Diabetes w/ end stage renal disease ESRD IMO ID: 1723032

Administrative View	
IMO Lexical Code:	1723032
IMO Description:	Diabetes mellitus with end stage renal disease
ICD-10-CM Code(s):	E11.22 - Type 2 diabetes mellitus with diabetic chronic kidney disease
Secondary ICD-10-CM Code(s):	N18.6 - End stage renal disease
Preferred SNOMED CT Code:	73211009 - Diabetes mellitus (broader than)
Non-Preferred SNOMED CT Code(s):	127013003 - Disorder of kidney co-occurrent and due to diabetes mellitus (broader than) 433146000 - Chronic kidney disease stage 5 (broader than) 46177005 - End-stage renal disease (broader than)

IMO Health terms are mapped to standardized coding systems.

## IMO Core

# Make problem lists more meaningful

IMO Core tooling organizes problems into clinical categories, guides a problem list cleanup workflow, and provides problem-oriented filtering that displays a contextual summary of the patient's problems connected to medications and labs.

- Reduce the cognitive burden of chart review before and during the patient visit with a well-structured problem list
- Simplify the workflow required to access, organize, and analyze critical patient data
- Identify duplicate, outdated, and redundant problems for quick removal
- Facilitate clinical decision-making with more accurate and current problem list data including medications and lab results
- Improve risk adjustment factor (RAF) scores through better recognition of HCCs

IMO Cleanup Categories

CLEAN SELECTED PROBLEMS AS RECOMMENDED

**LAPSED PROBLEMS ( 4 )** | Resolve and move to PMH
 

Lapsed problems have become irrelevant to the patient's current state of health.

Problem	ICD	Risk	Onset
<input type="checkbox"/> Acute myocardial infarction	I21.9	HCC	03/30/19
<input checked="" type="checkbox"/> Acute upper GI bleed	K92.2		06/16/20
<input checked="" type="checkbox"/> Cholecystitis, acute	K81.0		12/02/20
<input checked="" type="checkbox"/> Encounter for annual visit	Z76.89		01/09/19

**DUPLICATE PROBLEMS ( 2 Groups )** | Resolve
 

Duplicate problems are a group of two or more that share the same ICD code.

Group 1 of 2:

Problem	ICD	Risk	Onset
<input type="checkbox"/> Small-cell carcinoma of lung	C34.90	HCC	05/10/12
<input checked="" type="checkbox"/> Attach a note to "Small cell carcinoma of lung" as follows: "Biopsy from 09/15/2021"	C34.90	HCC	

Group 2 of 2:

Problem	ICD	Risk	Onset
<input type="checkbox"/> Low back pain	M54.50	HCC	04/03/20
<input checked="" type="checkbox"/> Pain in lower back	M54.50	HCC	09/15/22

**RELATED PROBLEMS ( 2 Groups )** | Resolve
 

Related problems are a group of two or more that are similar enough to risk some form of redundancy:

Group 1 of 2:

Problem	ICD	Risk	Onset
<input type="checkbox"/> Small-cell carcinoma of lung	C34.90	HCC	05/10/12
<input checked="" type="checkbox"/> Attach a note to "Small cell carcinoma of lung" as follows: "Biopsy from 09/15/2021"	C34.90	HCC	
<input type="checkbox"/> Lung cancer	C34.90	HCC	09/01/21

Group 2 of 2:

CANCEL

IMO Core summarizes duplicate, outdated, and redundant problems to be removed for efficient problem list cleanup.



## IMO Discovery for Problems

# Gain insights at the point of care

IMO Discovery for Problems closes the information gap on problem lists by analyzing patient data from previous encounters and unstructured clinical notes not documented on the problem list. It then nudges clinicians to consider expanding problem lists as they work in their patients' charts. The result is better organized, relevant, and actionable patient records.

➤ Gain more insights from problems missing from the problem list

➤ Improve oversight and reimbursement opportunities by identifying HCCs from previous encounters

➤ Ensure that relevant patient data from across the patient record – including unstructured clinical notes – is visible in the chart

**IMO Clinical Categories** | Problem cleanup ...

**HIDE PROBLEMS SUGGESTED FOR ADDITION**

**CLEAN SELECTED PROBLEMS AS RECOMMENDED**

**ALLERGIES AND ADVERSE REACTIONS**

Problem	ICD	Risk	Onset
Hypersensitivity reaction, due to ...	T50.905A		12/01/21

**COAG AND THROMBOEMBOLIC**

Problem	ICD	Risk	Onset
Thrombocytopenia	D69.6	HCC	03/10/22

**CARDIAC AND VASCULATURE**

Problem	ICD	Risk	Onset
Anginal equivalent	I20.8	HCC	01/20/21
Chest pain	R07.9		10/27/21
Displacement of other cardiac or...	T82.528A	HCC	01/24/22
Hyperlipidemia associated with t...	E11.69	HCC	12/12/06
Hypertension associated with di...	E11.59	HCC	11/06/15
Hypertensive heart disease with ...	I11.0	HCC	01/20/21
Other disorders of arteries and a...	I77.89	HCC	09/15/21

**ENDOCRINE AND METABOLIC**

This problem matches characteristics described in a **previous encounter** with this patient.

Problem	ICD	Risk	Onset
Severe protein-calorie malnutriti...			
Type 2 diabetes mellitus with dia...	E11.40	HCC	07/15/21
Type 2 diabetes mellitus with ne...	E11.21	HCC	11/06/19

**Add to Problem List**

Undocumented chronic problems will appear under their appropriate clinical category with the reason for consideration to add to the problem list.

**IMO Cleanup Categories** | Add problems ...

**CLEAN SELECTED PROBLEMS AS RECOMMENDED**

**Lapsed Problems (4)** | Resolve and move to PMH

Lapsed problems have become irrelevant to the patient's current state of health.

Problem	ICD	Risk	Onset
<input checked="" type="checkbox"/> Complicated UTI (urinary tract in...	N59.0		02/29/20
<input checked="" type="checkbox"/> Gram-negative bacteremia	R78.81		02/29/20
<input checked="" type="checkbox"/> Sepsis	A41.9	HCC	02/29/20
<input checked="" type="checkbox"/> Septic shock	A41.9	HCC	02/29/20

**Duplicate Problems (1 groups)** | Delete

Duplicate problems are a group of two or more that share the same ICD code.

Group 1 of 1

Problem	ICD	Risk	Onset
<input type="checkbox"/> htn	I10		01/10/08
<input checked="" type="checkbox"/> hypertension	I10		04/19/12

**Does this problem belong on this patient's PL?**

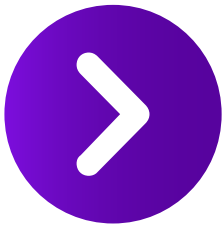
Why do we ask? It matches a diagnosis from a previous encounter on 03/01/20

Problem	ICD	Risk	Onset
Aneurysm of iliac artery	I72.3	HCC	03/01/20

**YES, ADD IT NOW** **NO**

**CANCEL**

Undocumented chronic problems identified in previous encounters or clinical notes will appear for consideration to add to the problem list.



Ready to make your problem list an even stronger decision-making tool?

Contact us at [sales@imohealth.com](mailto:sales@imohealth.com) or **847-272-1242** to learn more about IMO Core and IMO Discovery for Problems.

 IMO Health

## About IMO Health

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IMO Health is a clinical data intelligence business at the heart of a digital revolution in healthcare. Combining rich, highly nuanced medical terminology, extensive domain knowledge, and artificial intelligence (AI), we expertly structure and operationalize clinical data to generate sharper insights and inform more intelligent decision-making.

Deeply embedded in the provider world, we developed a comprehensive intelligence layer that captures and encodes patient encounters with unmatched completeness and precision. Now, by weaving ethical and accountable AI into this robust content, we are improving how data is used across the healthcare landscape with powerful new applications in health tech, drug discovery, population health, and payer processes.

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IMO Core and IMO Discovery capabilities vary based on EHR channel and integrations  
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