

The IMO approach

IMO Core includes thousands of terms, or *IMO lexicals*, which describe clinical concepts. In IMO Precision Sets, these concepts are then grouped together to create value sets for specific clinical use cases. A collection of these value sets forms an IMO Precision Sets library.

By leveraging IMO lexicals along with terminologies such as ICD-10-CM and SNOMED CT®, IMO value sets deliver precise cohorts because:

- IMO maps our hundreds of thousands of lexicals to standardized coding systems, which helps institutions easily identify patients with the same condition, regardless of which code system was used for documentation at the point of care
- IMO's team of highly experienced clinical terminologists continuously validate, maintain and update the underlying lexicals and code maps in the IMO Precision Sets library, relieving this burden from the end user

As a result, institutions can feel confident about the accuracy of their patient cohorts.



INSIGHT BRIEF

IMO Precision Oncology Sets

IMO Precision Oncology Sets is a comprehensive suite of value sets that helps institutions and clinicians identify, analyze, and engage their oncology patient population to gain deeper insights and deliver best-in-class treatment. With IMO Precision Oncology sets, users can:

01

Support CoC accreditation

- At the point of care, alert providers to create a patient survivorship care plan*

02

Efficiently identify patient cohorts

- Develop patient registries for population health management and quality reporting initiatives

03

Document clinical staging

- Quickly and easily document the clinical stage of a patient's cancer at the point of care**

Picture IMO Precision Oncology Sets in action

The director of a hypothetical cancer center is working to make sure her facility is recognized as one of the leading treatment centers for oncology services and is a regional destination for quality care. With this in mind, she meets with an oncology team preparing to apply for an NIH grant to fund an experimental clinical trial for pancreatic cancer treatment. The deadline is fast approaching, so her team must quickly obtain a list of all patients with malignant neoplasm of the pancreas.

Rather than create the required value set from scratch, the team visits the IMO Precision Oncology Sets delivery portal and finds the exact set they need. Analysts working for the director use the pancreatic cancer value set within IMO Precision Oncology Sets to quickly generate the cohort they need for the clinical trial.

Ultimately, IMO Precision Oncology Sets ensured the accuracy of the patient list, significantly reduced the time required to begin work on the grant proposal, and helped the center to obtain critical funding.

For more on IMO Precision Sets, visit imohealth.com.

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*As defined by American Society of Clinical Oncology guidelines **As defined by American Joint Committee on Cancer guidelines

