

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 Chronic Condition Sets

IMO Precision Chronic Condition Sets is a comprehensive suite of value sets that helps institutions and clinicians identify, analyze, and engage patients with chronic conditions to gain deeper insights and deliver best-in-class treatment. With this value set solution, users can:

- 01 Effectively implement population health initiatives
- 02 Engage patients at the point of care
- 03 Precisely measure value-based care performance

Value sets

- Cardiology
- Diabetes
- Pulmonary
- HIV
- Obesity
- Neurology
- Pain management

Picture IMO Precision Chronic Condition Sets in action

The Chief Population Health Officer (CPHO) of a hypothetical hospital system is responsible for understanding the disease burden in her community and coordinating care appropriately. Despite her team's best efforts, many patients still are not accessing services designed to help. Together with her team, the CPHO realizes patient cohorts are constructed using billing data – specifically ICD-10-CM codes. She thinks a better approach to identify chronically ill patients would be to use both clinical and billing information to create patient cohorts.

Including terminologies like SNOMED-CT® and CPT® will allow the team to more precisely identify the populations in need. However, the workload to search for, aggregate and define the patient inclusion and exclusion criteria in order to create a patient cohort is enormous. The team researches possible solutions and purchases IMO Precision Chronic Condition Sets, which allows for quick and easy creation of precise patient cohorts. Using several of the individual value sets within IMO Precision Chronic Condition Sets allows the team to identify the precise burden of different diseases in their community – in this case, they discover patients with diabetes are most in need of better coordinated care efforts. With this knowledge, the team can ensure new initiatives target the correct population and improve patient follow-up and overall management of the chronic condition.

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

SNOMED and SNOMED CT® are registered trademarks of SNOMED International.