

Complete COGS Checklist or Create a Recommendation

RULE EDITOR

COGS

Welcome to Bridgewiz

BridgeWiz aims to assist guideline authors to write more comprehensive guidelines and clearer, more actionable recommendations. BridgeWiz incorporates a number of features that are designed to safeguard against creating vague and underspecified recommendations.

The end-products of BridgeWiz include:

- A completed template that provides information required to be compliant with a guideline quality checklist, the COGS appraisal
- One or more skeleton IF-THEN statements that are expected to facilitate implementation in a computer-based decision support system
- · A partially populated Evidence Profile for each Key Action Statement.

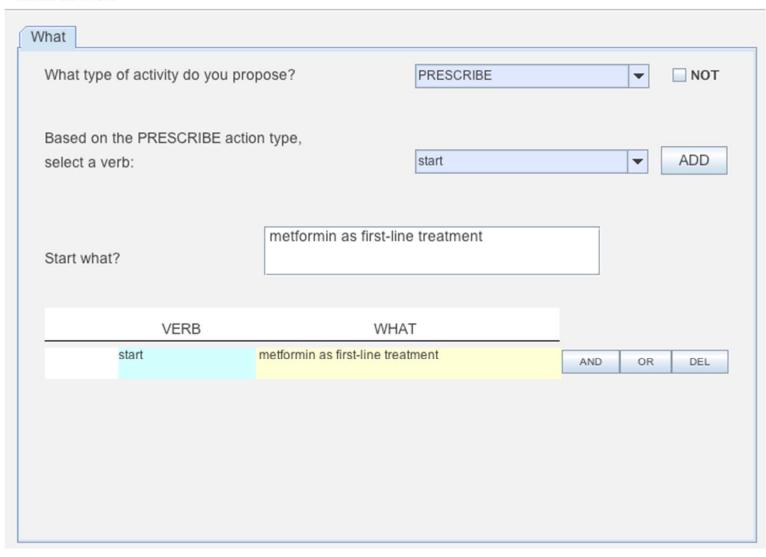
Begin by selecting an activity described below:

Create COGS Statement

Create Key Action Statement

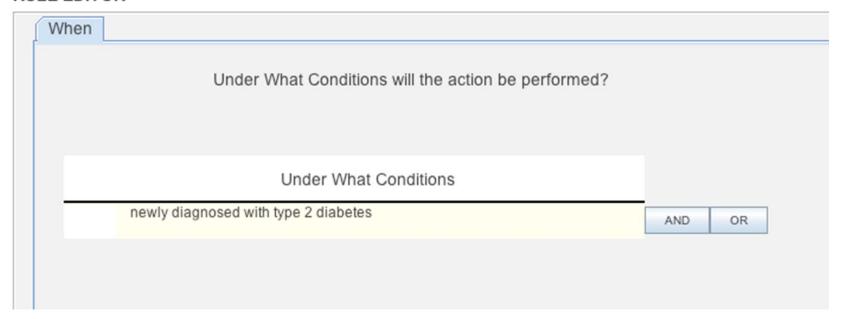
Define Object for the Verb

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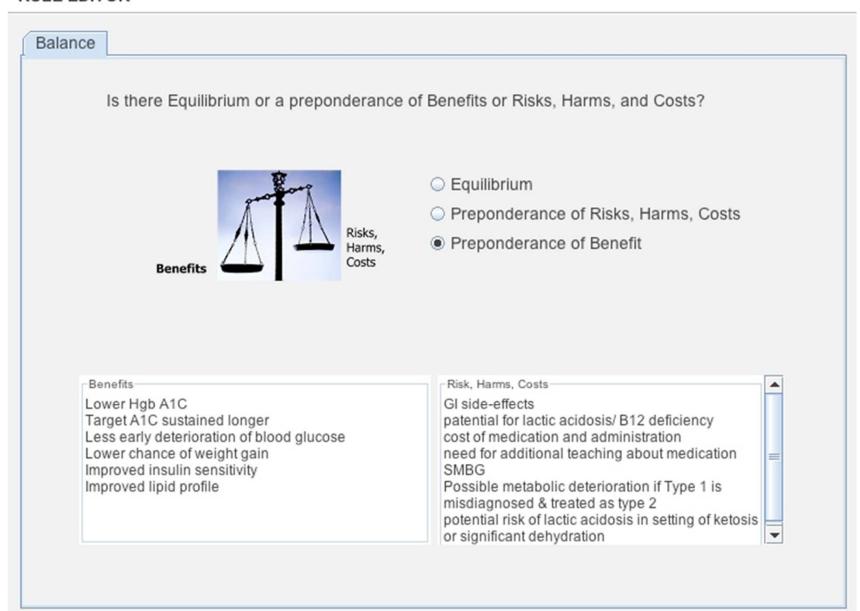
Add Conditions

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Judge Benefit-Harms Balance

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Choose a Recommendation Style

newly-diagnosed with type 2 diabetes (i.e., not previously treated) Select Clinicians should start metformin as first-line treatment AND recommend diet and exercise Clinicians should start metformin as first-line treatment AND recommend diet and exercise if/when/whenever Select newly-diagnosed with type 2 diabetes (i.e., not previously treated) The {developer} recommends that if newly-diagnosed with type 2 diabetes (i.e., not previously treated) Then Select Clinicians should start metformin as first-line treatment AND recommend diet and exercise The {developer} recommends that Clinicians should start metformin as first-line treatment AND recommend diet and exercise if/when/whenever Select newly-diagnosed with type 2 diabetes (i.e., not previously treated)



BRIDGE-Wiz

Building Recommendations in a Developer's Guideline Editor

- Formalizes a process for writing implementable recommendations
- Incorporates prompts based on COGS to improve guideline quality
- Controlled natural language
 - Offers verb choices based on action-type
 - Traps and disallows use of "consider"
 - Discourages "statement of fact" masquerading as recommendation
 - Limits boolean connectors to all ANDs or ORs in a statement
- Incorporates decidability and executability checks
- Requires systematic appraisal of evidence quality and benefit-harms
 - Suggests appropriate obligation term (deontic modal)
- Output includes a high-level "rule" and an evidence profile
- Runs on Mac OS and Windows OS