

# YARDSTICK ITEMATIC ITEM GENERATION



## YARDSTICK ITEMATIC AUTOMATED ITEM GENERATION SOFTWARE

**Writing items for your item bank is a costly and time consuming process.**

In order to have a robust bank, you need a small army of SMEs willing to commit an enormous amount of time and effort. This can be especially challenging and expensive when SMEs are spread throughout the continent and their participation is voluntary, never mind regular changes to curriculum or revised job task analyses.

Yardstick Itematic has been designed to help you build your item bank quickly, effectively and within budget. Based on the principles of automated item generation (AIG), Yardstick Itematic is a user-friendly web-based tool where your authors can create hundreds of questions at a time, instead of just one.



## What is Yardstick Itematic?

Yardstick Itematic is a revolutionary way to build multiple questions at once without having to painstakingly write out each question individually.

Yardstick Itematic works by segmenting a question into multiple components based on its grammatical structure. Using a model defined by the user, a list of alternative stem components (e.g., procedures, symptoms, patient characteristics, etc.) become easily interchangeable. In short, this software allows users to quickly construct unique questions, as well as answer options, in a systematic manner that is far more efficient than creating questions one by one.

## How does Yardstick Itematic work?

Yardstick Itematic is a very user friendly web-based application. It allows users to:

- ✓ Easily create question templates
- ✓ Specify sets of valid question stems
- ✓ Create comprehensive lists of question options
- ✓ View various combinations and permutations
- ✓ Denote 'friend' and 'enemy' options
- ✓ ... and more!



Web-based application -  
accessible from anywhere



Generate multiple questions  
based off one stem



Decrease time and cost of  
item writing



User-Friendly  
interface