

## **Robert Jenders' response to my question about the usefulness of citations and the detailed maintenance slot**

- > 1) For Citations, you indicate whether the citation refutes or supports the
- > MLM. How useful is that information to people? Do people also want other
- > possible values besides support or refute. For example, some decisions are
- > made between options have pros and cons for them, and some of the citations
- > can, in a sense, both support and refute an option.

Some people use the slot for "infobuttons", i.e., links that provide additional explanatory material. Many don't use it this way; it merely serves as internal documentation (e.g., which version of USPSTF was referenced). I don't find it all that useful, but other systems make this distinction.

The fact that a single citation may partially support and partially refute the conclusion or recommendation of a MLM was a matter of some discussion when the key words were proposed. When this occurs, the terms should be omitted. [Perhaps we should add a new reserved word: WHO-KNOWS? :-) ]

- > 2) A similar question about the maintenance slot: which are the most
- > important attributes there? Which are usually not used often? Do you need
- > more possible values for the validation slot?

The answer to your question depends on what you mean by "use". Many sites use filename or title in the header of an alert. The typical system permits versioning, so that slot is important. The author/specialist slots are typically not incorporated into an alert but are useful for documentation purposes.

I'm sure that various sites have felt limited by the current possible values of the validation slot. One possible addition is "administrative", e.g., MLMs written to do QA/QI instead of actual scientific research but which do not generate clinical alerts. (Example: a MLM that alerts admissions department in case a patient requiring isolation is admitted to a non-isolation room.)