

Content - Overview

Motivation - Introduction

Diagnostic-Therapeutic Cycle

Medical Therapy Planning

Guideline Repositories

Guideline Development (CBO)

Instruments for Quality of Guidelines

Agree Instrument

(e)GLIA

Planning / Plan Management

(e) GLIA

GuideLine Implementability Appraisal

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Objective

To develop and validate a tool for appraisal of implementability of clinical guidelines.

31 Items – arranged into 10 Dimensions

GLIA

Whole Guideline vs. Recommendations

Definitions

Conditional Recommendation

One or more *actions* to be performed for members of the target population **IF** they fulfill one or more stated *conditions*

Conditions

May include patient descriptors

Imperative Recommendation

States one or more *actions* to be performed for all members of the target population

Dimension 1: whole guideline document

Dimension 2-10: recommendations

GLIA: 10 Dimensions

(1/3)

Global Considerations

Decidability

Precisely *under what circumstances* to do something

Executability

Exactly *what to do* under the circumstances defined

Effect On Process Of Care

Degree to which the recommendation impacts upon the usual workflow in a typical care setting

Presentation & Formatting

Degree to which the recommendation is easily recognizable and succinct

Measurable Outcomes

Degree to which the guideline identifies markers or endpoints to track the effects of implementation of this recommendation

Apparent Validity

Degree to which the recommendation reflects the intent of the developer and the strength of evidence

Novelty/Innovation

Degree to which the recommendation proposes behaviors considered unconventional by clinicians or patients

Flexibility

Degree to which a recommendation permits interpretation and allows for alternatives in its execution

Computability

Ease with which a recommendation can be operationalized in an electronic information system)

Is only applicable when an electronic implementation is planned

GLIA Response Options

Y

The recommendation meets this criterion fully.

N

The recommendation does not meet this criterion.

?

Rater is unable to address this question because of insufficient knowledge or experience in this area.

NA

Criterion is not applicable to this recommendation.

GLOBAL CONSIDERATIONS (entire guideline)

- 1) Do the organization(s) and author(s) who developed the guideline have credibility with the intended users of the guideline?
- 2) Is the patient population eligible for the guideline clearly defined?
- 3) Does the guideline document suggest possible strategies for dissemination and implementation?

GLIA Dimension's Examples

Statement Number					
DECIDABILITY (precisely under what circumstances to do something)					
					8) Would the guideline's intended audience consistently determine whether each condition in the recommendation has been satisfied? That is, is each and every condition described clearly enough so that reasonable practitioners would agree when the recommendation should be applied?
					9) Are all reasonable combinations of conditions accounted for, i.e., is the recommendation comprehensive?
					10) If there are more than one condition in the recommendation, is the logical relationship among all conditions (ANDs and ORs) clear?

Comments:

GLIA Dimension's Examples

Statement Number					
COMPUTABILITY* (the ease with which a recommendation can be operationalized in an electronic information system)					
					28) Are all patient data needed for this recommendation available electronically in the system in which it is to be implemented?
					29) Is each condition of the recommendation defined at a level of specificity suitable for electronic implementation?
					30) Is each recommended action defined at a level of specificity suitable for electronic implementation?
					31) Is it clear by what means a recommended action can be executed in an electronic setting, e.g., creating a prescription, medical order, or referral, creating an electronic mail notification, or displaying a dialog box?

**optional: only applicable when an electronic implementation is planned for a particular setting)*

Comments: