

## DEVELOPING CLINICAL PRACTICE GUIDELINES IN A DYNAMIC HOSPITAL-BASED, MULTI- SITE PEDIATRIC SETTING

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**Purpose:** To formulate a process to develop Clinical Practice Guidelines combining the best available evidence, the clinical expertise of Gillette staff and family and patient expectations to optimize care of our patients and maximize outcomes

**Description:** CPG's are initiated with a PICO question developed out of a specific condition or clinical question. The process includes a methodical literature search and detailed review of the research to synthesize and rate the evidence according to the quality of the research. Literature is filed using Refworks to allow for accurate citation management. Through the review of the best evidence along with input from all stakeholders, the guideline is written following the AGREE II process. Utilizing the AGREE II we ensure that all pertinent elements of a quality clinical practice guideline are included. The AGREE II is also used following completion of the CPG to assess the strength of the document.

**Observations:** Developing CPG's in a smaller facility with a dynamic clinical environment can be challenging both in terms of the time commitment and the needed resources. Developing a charter to formalize the process to identify all team members as well as organizational tasks and time lines, improves the efficiency of the process. In addition, keeping the need for proper clinical implementation and educations is important for effective knowledge translation

**Conclusions:** Payers are requiring more demonstration that health care interventions are evidence based and have measurable positive outcomes. Evidence based practice is, in addition, is being demanded by patients, by referral sources, and by therapists themselves. The development of quality clinical practice guidelines is extremely challenging in busy but essential to provide quality evidence based care.

**Implications:** Our experience will provide guidance to other clinicians who wish to pursue the development of clinical practice guidelines with limited resources and high demands for productivity.