

MEETING ABSTRACT

Open Access

The implementation of “Intranet based therapeutic schemata” for comprehensive diagnostic and therapy guidelines

Astrid E Sonnleitner^{1*}, Gerald Wendelin¹, Jörg Jahnel², Sebastian Bauchinger¹, Elisabeth Thierriechter¹, Sabine Löffler¹

From Safety in hospitals: from strategy to implementation Annual Scientific Meeting 2015
Graz, Austria. 29-30 September 2015

Background

In former times in many pediatric fields no easily accessible standardized and regularly reviewed guidelines for various medical patterns were available in the Department of Pediatrics and Adolescent Medicine of the Medical University of Graz.

Material and methods

To avoid out-of-date diagnostic and unstandardized treatment in the Department of Pediatrics and Adolescent Medicine and to provide a common workup regarding diagnostic pathways and treatment - regardless of the level of medical education of clinicians - an internet database called “Intranet based therapeutic schemata” (ITS) for a standardized diagnostic and treatment concept was set up.

Clinicians, each of them experts in different pediatric fields, were assigned to elaborate common concepts regarding diagnostic workup and therapy pathways. These files were implemented in this newly generated internet database ITS and are accessible on every computer in the Department of Pediatrics and Adolescent Medicine.

Key Users monitor these files on a regular basis and tag each file with a color label (red, yellow, green), indicating the up-to-dateness. A green label indicates a review within the last 3 years, a yellow one within 3 to 6 years and a red label implies that no review has been done within the last 6 years.

In course of this process authors of files with a red label are asked to review their guidelines. If a red

labeled file is not reviewed within 1 year, it will be deleted by the Key Users.

To transfer new information to all clinicians in the hospital, information about the implementation of new guidelines is sent by email to every MD. In the database new files are highlighted for the duration of one month. Additionally once a year a conference is held, where new ITS topics are presented and consequently discussed.

Results

Due to this easily accessible information a common diagnostic and treatment regimen for many diseases could be implemented. Especially for new MD it is a useful tool to provide standardized diagnostic assessment and treatment. In rare clinical questions, especially legal patterns, it provides useful information for a faster approach to certain situations.

Conclusions

Further extension will be needed to cover as consistently as possible most medical questions of clinician’s routine.

Authors’ details

¹Department of Pediatrics and Adolescent Medicine, Medical University of Graz, Graz, Austria. ²Department of Pediatrics and Adolescent Medicine, Division of General Pediatrics, Medical University of Graz, Graz, Austria.

Published: 30 October 2015

doi:10.1186/2056-5917-1-S1-A26

Cite this article as: Sonnleitner *et al.*: The implementation of “Intranet based therapeutic schemata” for comprehensive diagnostic and therapy guidelines. *Safety in Health* 2015 **1**(Suppl 1):A26.

* Correspondence: astrid.sonnleitner@medunigraz.at

¹Department of Pediatrics and Adolescent Medicine, Medical University of Graz, Graz, Austria

Full list of author information is available at the end of the article