視覺化的臨床診療指引

CPGmap: Visualization for Clinical practice guideline

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臨床診療指引一致性的被視爲是提昇醫療品質和控制成本的利器。但在推廣和執行的過程中，醫療人員卻面臨許多困難，特別是在照護點無法提供可用的臨床診療指引，面對病患各式問題時，卻須逐頁搜尋臨床診療指引手冊，尋找進一步的文獻建議，往往是極不便利的。有幸許多學者已提出電腦化可以改善這種情況。因此，本研究提出一電腦化和視覺化臨床診療指引的方法，以補傳統紙本的不足。

關鍵字：臨床診療指引、視覺化

Medical beneficences for Clinical practice guidelines are systematically developed to improve quality and to control costs by minimizing practice discrepancy, reducing errors, and promoting best practices. While guideline being performed, there are many barriers, including gaps and inconsistencies, inertia associated with traditional practice behavior and lack of incentives to change, etc.. In addition to these non-technical issues, accessible guideline content at the point care is critical; searching pages of text to locate a recommendation for a patient is very in-convenient and in-efficient. A way to ease the use of guidelines and display is to implement computerized and visualized guidelines. We present a method of computerizing and visualizing guideline. Our CPGmap is based on java combined with the techniques of hyperbolic tree and tree map.

Keywords：Clinical practice guidelines, Visualization, Hyperbolic tree, Tree map