POSTER TITLE: Evaluating the Usability of a Visual display for Interdisciplinary Problem Documentation among Clinicians

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ABSTRACT: The purpose of this study was to provide a means of evaluating the usability of a visual display for multidisciplinary problem documentation among clinicians. A convenience sample of 54 clinicians was solicited for feedback using a series of descriptive, self-report surveys. Analysis of the surveys indicates that clinicians were generally satisfied with screen design of the visual display for multi-disciplinary problem documentation, found it useful and easy to use, and would use it often for team communication both on an individual basis and on rounds.

PURPOSE:  
• To evaluate the usability of a visual display for interdisciplinary problem documentation among clinicians  
• To provide a means of identifying problems, difficulties and weakness with computer system design that need improvement

CONCLUSIONS: 

• Clinicians were satisfied with the overall screen design of the Interdisciplinary Care View (IDCV)  
• Clinicians found the IDCV useful and easy to use  
• The majority of clinicians would use the IDCV on rounds and for team communication  
• 93% of clinicians indicated expected daily or weekly use of the IDCV on an individual basis  
• Continued use of an on-line problem list will facilitate communication  
• Users reported a need for more streamlined screen layout, improvements to system usability, and addition of pharmacy documentation and major medical diagnoses.  
• Clinicians responded most favorably to the navigability, user-friendliness, and functionality of the IDCV.  
• Clinicians anticipated using the IDCV to quickly assess patient’s status, view other providers’ recommendations, and to obtain pertinent data on patients’ hospital course and prior medical problems.