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Research Title : *BASIC KNOWLEDGE OF THE CLINICAL APPLICATIONS OF PULSE OXIMETRY TECHNOLOGY AMONG HEALTH CARE PROFESSI*  
*BASIC KNOWLEDGE OF THE CLINICAL APPLICATIONS OF PULSE OXIMETRY TECHNOLOGY AMONG HEALTH CARE PROFESSI*

Descriptipn : Aim Pulse oximetry monitors have become so commonplace in acute health care settings over the last decade that blood oxygen is now considered a "fifth" vital sign. This study assessed the knowledge base related to pulse oximetry technology and clinical interpretation of the data. Method: A total of 50 participants, including nurses, respiratory therapists, and resident and fellow physicians at a large general pediatric unit of a childrens hospital, completed a survey of open-ended questions. Result: Preliminary analysis revealed that 89% of the clinicians felt they received adequate training; 82% correctly identified what a pulse oximeter measured; 38% correctly identified how a pulse oximeter worked, but only 15% had a correct understanding of the oxyhemoglobin dissociation curve. Clinicians identified a wide range of normal arterial oxygen saturation values. Although the majority of pediatric staff felt well trained and knowledgeable about pulse oximetry, there was a lack of knowledge of basic principles. Conclusion: The results of this study suggest the need for basic professional education programs and the orientation and ongoing education of pediatric health care professionals

Research Type : Article

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## Researchers :

Researcher Name (Arabic)	Researcher Name (English)	Researcher Type	Degree	Email
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## Attatchments :

File Name	Type	Description
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