Assessment of knowledge on neonatal resuscitation amongst health care providers in Kenya

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Introduction

Competence in neonatal resuscitation, which represents the most urgent pediatric clinical situation, is critical in delivery rooms to ensure safety and health of newly born infants. The challenges experienced by health care providers during this procedure are unique due to different causes of cardio respiratory arrest. This study aimed at assessing the knowledge of health providers on neonatal resuscitation.

Methods

Data were gathered among 192 health providers drawn from all counties of Kenya. The clinicians were asked to complete questionnaires which were in two parts as; demographic information and assessment of their knowledge by different scenarios which were formatted in the multiple choice questions. Data were analyzed using SPSS version 15.0 for windows. The results are presented using tables.

Results

All the participants were aged 23 years and above with at least a certificate training. Most medical providers had heard of neonatal resuscitation (85.4%) with only 23 receiving formal training. The average duration of neonatal training was 3 hours with 50% having missed out on practical exposure. When asked on steps of resuscitation, only 68 (35.4%) of the participants scored above 85%. More than 70% of them considered their knowledge about neonatal resuscitation inadequate and blamed it on inadequate medical training programs.

Conclusion