



How Proactive is Medical Literature in Pubmed about Innovations in Neonatology, an observational study.

KEYWORDS

Innovation, Neonatology, Pubmed

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ABSTRACT

Innovation is the key for progress in all domains of science & technology, so is in the field of Neonatology. As neonatology has progressed at a very fast pace globally, it is presumed that numerous innovations must have been done and published in the field. It was therefore considered prudent to analyze the number of publications in Pubmed on Innovations in neonatology in this observational study. The study revealed stark deficit in publications & suggests more proactive approach in putting Innovations to world literature.

Introduction

Innovation is the key for progress in all domains of science & technology, so is in the field of Neonatology. As neonatology has progressed at a very fast pace globally, it is presumed that numerous innovations must have been done and published in the field. Pubmed has been a good open source data & could be analyzed for various domain analysis (1,2,3,4,5). It was therefore considered prudent to analyze the number of publications in Pubmed on Innovations in neonatology in this observational study.

Aim

To find out published literature in Pubmed on Innovations in Neonatology.

Material & Methods

Pubmed was searched with key words Innovations AND Neonatology, Innovations AND Neonate, Innovations & AND Newborn, Innovations AND Neonatal practice and Innovations AND Neonatal equipment. The data was collated & analysed.

Observation

The data was tabulated. (Table 1)

Discussion

The innovations are the crusader of change, so in the medical science & neonatology. However, it has been observed that there is near absence of publication on innovations. Whatever, publications are there, they have addressed to procedures & few to technology. It is felt that if the science has to grow & efforts are to be optimized then it is considered to be absolutely necessary to maintain repository of innovations at various levels & publish the work done with them.

Conclusion

This study exposes miniscule publications on the subject of Innovations and Neonatology & thus opens up a huge vista to address this gap.

Table 1: Innovations & Neonatology Publications details

Key words	No. of items	No. of Relevant items	Domains addressed
Innovations + Neonatology	nil		
Innovations + Neonate	7	2	Processes -2

Innovations + Newborn	48	12	Processes:10 Equipment-2
Innovations + Neonatal Practice	nil	nil	
Innovations + Neonatal equipment	11	Nil	

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