



An Observational Study to Find out The Published Studies in The Pubmed on Medical Apps in Smartphones from Select Countries

KEYWORDS

Medical Apps, Smartphone, Pubmed

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ABSTRACT The observational study was conducted to find out the published literature on Medical apps from the select countries in the Pubmed database as on 31st Mar 2016. Total of 448 publications were retrieved with search words of Apps and smartphones in Pubmed database. Data retrieved of 15 chosen countries revealed highest publications being 86 from USA & none from Russia & Bangladesh. Publications from India were 12, keeping her at sixth position along with New Zealand. This study revealed the scientific prowess, research & publication attitude of various nations.

Introduction

There is rapid technological advancement and professional interest in the Smart phone based Apps in the field of Medicine.^{1,2,3,4,5} Now, the scientific world has started gaining experience on the use of Medical apps in Smartphones & has started the next phase of collating data & publishing. The relative contribution of publication of the research on this subject of scientifically prominent & select countries is not being so far analyzed. This study is designed to answer the same research question.

Aim

An observational study to find out the published studies in the Pubmed on Medical apps in Smartphones from select countries

Material & Methods

The Pubmed search was conducted using key phrases Apps, Smartphones, Country name as on 31st Mar 2016. The data was collated and analyzed.

Observations

The detailed data on Apps on Smartphones on Pubmed search is depicted in Table no. 1 & Figure 1.

Discussion

The study revealed that the total number of publications on the subject being 448. The 15 countries analyzed have contributed to 284 publications while rest of the countries of the world has published only 164 papers. The highest number of Publications are 86 from USA while there are no publications from Russia & Bangladesh. India shares the sixth position along with New Zealand. Singapore shares 8 numbers of publication with China. UK, Australia & Canada lead in number of publications. The study revealed it is not the size but the scientific & publication psyche of the countries makes them represent in Pubmed database. India though done better as compared to China but required to take lead from more publication & research advanced countries.

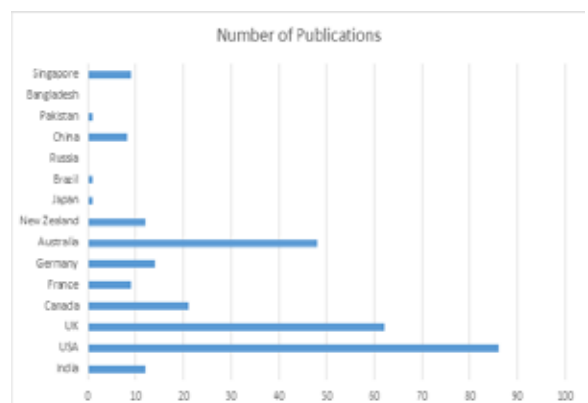
Conclusions

This observational study found out the number of publications on the Pubmed database, of the select countries on the research topic. It also revealed that it is not the size but the publication psyche is important. It also stimulates the sub-optimally publishing countries.

Table 1: Countriwise Pubmed Publications on Apps in smartphones

S.N.	Country	Number of Publications
1	India	12
2	USA	86
3	UK	62
4	Canada	21
5	France	9
6	Germany	14
7	Australia	48
8	New Zealand	12
9	Japan	1
10	Brazil	1
11	Russia	0
12	China	8
13	Pakistan	1
14	Bangladesh	0
15	Singapore	9
16	Other countries	164
17	Total	448

Figure 1: Countriwise publications in the Pubmed on Apps in Smartphones



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