

## The Perspectives of Nursing Students on Mobile Learning

Adam Jones\*

Department of General Paediatrics, New Cross Hospital, Wolverhampton, UK

### Abstract

This study aimed to explore whether or not the attitudes of nursing students toward the utilization of mobile learning square measure positive or negative and to spot the factors influencing their attitudes by reviewing the literature. Most nursing students have positive attitudes and temperament to mobile learning; however the particular use rate remains low. Additional studies square measure required to assess however mobile learning improves nursing students' clinical information and improves patient care.

**Keywords:** Attitude; Distance education; Learning; Mobile applications; Nursing students

### Introduction

Nursing students should master adequate theoretical information and clinical skills throughout their nursing studies. With sufficient information and knowledge, they will properly look after patients, and at a similar time, guarantee patient safety and satisfaction. With the speedy development of nursing courses, learning materials, like videos and sites, became a lot of diversified, substitution words and pictures in textbooks [1]. Recently, nursing students have shown nice interest in customized learning, which suggests they're not happy with ancient schoolroom learning; instead, they study at their own pace with no restraint on time and house. For these reasons, ancient teaching and learning ways don't seem to be in line with fashionable nursing learning. Therefore, new academic ways should be known and introduced to enhance the information, skills and patient care of nursing students.

Mobile learning may be a independent learning technique that enables students to access connected info repeatedly with no restraint on time and house [2]. It's outlined as learning that happens anytime and anyplace with the assistance of mobile devices. Mobile learning consists of 3 components: mobile devices (e.g., smartphone, personal digital assistant, pill computer), applications (e.g., mobile apps for nursing education, learning management system), and web service (e.g., Telstra, AT&T). The speedy development of mobile learning affects all aspects of schooling [3] and changing into progressively fashionable nursing students. A previous study reportable that mobile learning currently is a supplementary technique for nursing students in many areas of nursing education. A meta-analysis conjointly disclosed that mobile learning may improve the information, skills, and confidence of nursing students. Mobile learning plays a lively role in promoting the educational of nursing students. Compared with ancient learning ways, this new learning approach meets the necessities of nursing education in new areas by virtue of its blessings and learning outcomes. Particularly within the amount of the world COVID-19 pandemic, nursing students, just like different students, square measure isolated reception [4-5]. This example results in a paradigm shift from face-to-face to on-line teaching and learning. Mobile learning provides an efficient study platform for nursing students throughout this pandemic crisis. While nursing students' attitudes toward mobile learning have already been explored, they need not been synthesized, although the scholars will profit greatly from this new learning approach. There's nice significance in learning the attitudes of nursing students toward mobile learning. We will totally perceive the \$64000 angle of nursing students towards mobile learning, likewise as study the obstacles that have an effect on the utilization of mobile learning and also the factors that

promote mobile learning. This data can successively offer a reference for additional promoting the applying of mobile learning within the learning of nursing students [6]. However, there square measure some controversies in existing analysis. Some studies indicated that students have positive attitudes, whereas another study disclosed that student's square measure indecisive on whether or not mobile learning has obvious blessings or disadvantages. The integrative review was undertaken to work out if nursing students' attitudes toward mobile learning square measure positive or negative and determine the factors influencing their attitudes.

### Attitudes toward mobile learning

By and enormous, most nursing students had positive attitudes toward mobile learning. Mobile learning has become one amongst the priorities for nursing students. For instance, an oversized proportion of scholars showed considerably high enthusiasm once mistreatment the mobile learning system, there have been some technical difficulties and stress [7].

### Advantageous factors moving attitudes toward mobile learning

The eighteen enclosed studies uncovered many advantageous factors that affected nursing students' attitudes toward mobile learning, as well as utility, convenience, and easy use. The most favorable issue was the utility of mobile learning. Students believed mobile learning was helpful to each itself and their studies. once the mobile learning intervention, some students declared that mobile learning was an efficient learning aid to stimulate thinking, increase sureness improve information and scale back the degrees of stress and anxiety related to learning [8]. The second most useful issue was the convenience of mobile learning devices. Nursing students believed mobile learning devices were convenient. Participants in many studies declared that mobile devices may instantly hook up with the net and procure the specified sources [9]. Mobile devices, like iPhones or iPads, allowed

\*Corresponding author: Adam Jones, Department of General Paediatrics, New Cross Hospital, Wolverhampton, UK, E-mail: Jones.ad@cam.ac.uk

**Received:** 03-Dec-22, Manuscript No. gnfs-22-83945; **Editor assigned:** 05-Dec-22, Pre QC No gnfs-22-83945 (PQ); **Reviewed:** 20-Dec-22, QC No. gnfs-22-83945; **Revised:** 27-Dec-22, Manuscript No gnfs-22-83945(R); **Published:** 30-Dec-22, DOI: 10.4172/2572-0899.1000207

**Citation:** Jones A (2022) The Perspectives of Nursing Students on Mobile Learning. Glob J Nurs Forensic Stud, 6: 207.

**Copyright:** © 2022 Jones A. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

students to quickly contact their classmates and raise queries and, if needed, contact tutors and receive a timely response. Some references emphasized the benefit of utilizing the mobile learning system. The participants conjointly declared that mobile devices were nice tools that were straightforward to use.

### Disadvantageous factors moving attitudes toward mobile learning

Many harmful factors that affected the attitudes of nursing students toward mobile learning. Students declared that there have been disadvantages like hardware problems, updated content, and package stability. Some students complained regarding the hardware quality, like the short battery life and also the inability to charge anytime and anyplace, additionally to the little screen size that created unclear text and pictures. What is more, many nursing students were skeptical regarding the update speed of vital resources. Different issues enclosed mobile devices' stability, like the slow association to the content in demand and also the recurrent application flashback. Others declared issues regarding high monthly communication fees and also the easy losing devices. At present, the crisis caused by the world COVID-19 pandemic has suspended the majority activity that brings several challenges to nursing students. For several nursing students, mobile technology is that the solely approach they will persist with their courses, all of that were nearly on-line throughout the COVID-19 pandemic. Variety of the most recent analysis results showed that mobile learning may facilitate nursing students improves their learning during this special amount. The foremost of times highlighted options square measure as follows: easy accessibility to academic resources, unlimited membership, all forms and scales of tools for uploading or downloading files, the promotion of well-being, and safe [10-11]. Generally speaking, there's not abundant analysis on nursing students' attitudes toward mobile learning. However, within the past decade close to, this space of learning has expanded. This might result to the actual fact that mobile learning originated within the Nineteen Nineties and developed chop-chop once the 2000s, however it's solely been utilized in the sphere of nursing education in recent years. Most of the enclosed studies have many limitations or characteristics in study style, like adopting a one-group style and convenience sampling. Solely four articles concerned multi-centers, whereas others concerned single-centers. What is more, solely 2 studies hand-picked a theoretical framework, whereas most studies lacked a press release of theoretical support. These limitations might have contributed to the deviation of results, and thus, information ought to be taken with caution. The geographical distribution of enclosed studies indicates that mobile learning is of worldwide concern, and nursing students from everywhere the globe showed a powerful want to use mobile learning. Analysis were generated on the idea of the present theory or directly adopted to the current scale. One study failed to support the first information, and also the remaining used self-prepared scales. Though self-prepared scales showed adequate reliableness and validity, we'd like to use caution once inbound at conclusions. At this time, a lot of universal scales square measure required to facilitate information interpretation [12].

This study disclosed that almost all nursing students have positive attitudes toward mobile learning, a finding that's in line. This can be attributable to the benefits of mobile learning, as well as learning on demand that's not restricted by place and time, fast, accurate, and accessibility to the most recent info. Motivation for autonomous learning and effective communication between academics and students were all effectively improved. Usefulness and easy cleaning/disinfection increase these preferences. The majority the scholars thought that mobile learning expedited their nursing studies. Their

progress in theoretical and clinical ability was conjointly indicative of this finding. The scholars gained a lot of confidence as they used the mobile learning ways. Due to their quality, students may use mobile devices to gather and access information anytime and anyplace. Additionally, they might get timely feedback from academics, discuss with other's prep and check their progress therefore on manage their own learning. Students were conjointly a lot of driven to be told within the mobile learning atmosphere and a lot of willing to standardize their learning [13]. The results showed positive influence factors on mobile learning, as well as utility, convenience, and easy use. This might be as a result of mobile devices, like smartphones, support a self-learning atmosphere, which suggests that students will learn anytime and anyplace. With mobile learning, students will settle for a lot of learning opportunities that one-time lectures can't promote. Another advantage is that the ability to attach instantly to others. Thus, mobile learning enhances communication with the general public to get helpful info anytime and anyplace. The foremost vital advantage is its ability to not impose learning restrictions respect to time and house. What is more, students in agreement with the benefit of use of mobile were learning, in line with previous studies. Mobile devices, like smartphones, square measure standard among students, and nursing students use them for quite 2h daily. During this setting, students may operate mobile phones and use the applications like an expert and simply. These blessings square measure vital in rising mobile learning and will be created full use of to serve nursing students [14-15].

### Conclusion

This review aimed to research nursing students' attitudes toward mobile learning and factors moving their attitudes. This study showed that almost all nursing students had positive attitudes toward mobile learning. Though students expressed robust intentions for mobile learning, the particular usage rate in sensible settings was low. Many advantageous factors enclosed utility, convenience, and easy use, whereas harmful factors enclosed hardware facility, updated content, and package stability. Thanks to the restricted range of enclosed articles, additional high-quality studies, like those employing a two-group experiment style and general questionnaires, likewise as those supported by a theoretical framework, square measure required to verify our findings.

### References

1. Kim SJ, Shin H, Lee J, Kang S, Bartlett R (2017) A smartphone application to educate undergraduate nursing students about providing care for infant airway obstruction. *Nurse Educ Today* 48: 145-152.
2. Guo P, Watts K, Wharrad H (2016) An integrative review of the impact of mobile technologies used by healthcare professionals to support education and practice. *Nurs Open* 3(2): 66-78.
3. Lai CY, Wu CC (2012) Supporting nursing students' critical thinking with a mobile web learning environment. *Nurse Educat* 37: 235-236.
4. Jarvenpaa SL, Lang KR (2005) Managing the paradoxes of mobile technology. *Inf Syst Manag* 22: 7-23.
5. Yoo IY, Lee YM (2015) The effects of mobile applications in cardiopulmonary assessment education. *Nurse Educ Today* 35: e19-e23.
6. de Sena DP, Fabricio DD, Lopes MH, da Silva VD (2013) Computer-assisted teaching of skin flap surgery: validation of a mobile platform software for medical students. *PLoS One* 8: e65833.
7. Walton G, Childs S, Blenkinsopp E (2005) Using mobile technologies to give health students access to learning resources in the UK community setting. *Health Inf Libr J* 22: 51-65
8. Kim JH, Park H (2019) Effects of smartphone-based mobile learning in nursing education: a systematic review and meta-analysis. *Asian Nurs Res* 13: 20-29.

10. Li Q, Guan X, Wu P, Wang X, Zhou L, Tong Y, et al. (2020) Early transmission dynamics in Wuhan, China, of novel coronavirus-infected pneumonia. *N Engl J Med* 382: 1199-1207.
11. Khan S, Ali A, Siddique R, Nabi G (2020) Novel coronavirus is putting the whole world on alert. *J Hosp Infect* 104: 252-253.
12. Iqbal MJ, Alradhi HI, Alhumaidi A, Alshaikh KH, AlObaid AM, et al. (2020) Telegram as a tool to supplement online medical education during COVID-19 crisis. *Acta Inf Med* 28: 94-97.
13. Sena DP, Fabricio DD, Lopes MH, Silva VD (2013) Computer-assisted teaching of skin flap surgery: validation of a mobile platform software for medical students. *PloS One* 8: e65833.
14. Walton G, Childs S, Blenkinsopp E (2005) Using mobile technologies to give health students access to learning resources in the UK community setting. *Health Inf Libr J* 22: 51-65.
15. Kim JH, Park H (2019) Effects of smartphone-based mobile learning in nursing education: a systematic review and meta-analysis. *Asian Nurs Res* 13: 20-29.
16. Li Q, Guan X, Wu P, Wang X, Zhou L, et al. (2020) Early transmission dynamics in Wuhan, China, of novel coronavirus-infected pneumonia. *N Engl J Med*, 382: 1199-1207.