

Telemedicine, telenursing & tele education -A revolution multi innovation in current nursing scenario

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Abstract

Tele Education system is browser based. It supports video, audio, digital files (x-ray, dermatology images), white board, chat, screen sharing and recording etc. It provides same experience as one gets in typical class room.



Benefits of Telenursing for Nurses

- Improved salary & flexible timing.
- Less travel and cost effective.
- Easy to provide remote services.
- New carrier options.
- Provides job opportunities.

Benefits to Patients

- Treatment of specialist doctors reaches to the remote area
- Availability of 24 hrs treatment to the community living in rural areas
- Saves travelling time and travelling cost
- Treatment can be provided in time
- Saves the life of the individuals located in remote areas

Skills and Qualifications Required for Tele Nurses

- Nurse should possess skills to deliver competent nursing services through Technology and understand its limitations.
- Nurse should have knowledge about system operations and routine investigations conducted in hospital.
- Possess knowledge how to connect all health parameters to system in remote area and transfer health data to the receiving station.

Keywords: Telemedicine, telenursing, patient, teleeducation, Remote area.

Introduction

Telemedicine

Telemedicine is a modern scientific approach in health care system with the use of telecommunication and information

technologies to provide clinical health care at a distance. It helps eliminate distance barriers and can improve access to medical services that would often not be consistently available in distant rural communities.

Telenursing

Telenursing is defined as the use of telecommunication technology to deliver nursing services to client at a distance. Telemedicine also referred to as telehealth allows health care professionals to evaluate, diagnose and treat patients in remote locations using telecommunication

Tele Education

Tele Education is a mode of delivering education and instruction, often on an individual basis, to students who are not physically present in a traditional setting such as a classroom. Tele Education is defined as use of information technology to provide education to student by linking professor when both are geographically separated. In medical it is frequent short lecture can also be called CME – Continuous Medical Education; Using tele education same can be done when participants are not in same class room.

Tele-education is not new concept. It has been used for many years to deliver continuing education programs to rural health-care professionals. Tele Education system should able to provide quality video, audio, white board, presentation to attendee by presenter. Both, presenter and attendee just need internet enabled computer system. The shortage of quality manpower in education can be addressed effectively using tele Education.

Conclusion

Telemedicine and telenursing is revolution in the field of nursing to improve standards of nursing, allows the nurse to play role of multiple functioning, saves time, cost-effective, provides access in emergency times. In the wake of information and communication technology (ICT), and its dominance in the health sector, it is important that its adoption in the nursing is prioritized, gearing to the strides of practical services being supported by simple combinations in button to improve the lives of patients.

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