

Smart Infusion Pumps

CHAMBERLAIN COLLEGE OF NURSING
NR 360: INFORMATION SYSTEMS IN HEALTHCARE
NOVEMBER 2020

What is a Smart Infusion Pump?

- There are different types of smart infusion pumps in Healthcare. Smart infusion pumps serve the same purpose no matter what type of pump it is.
- According to Scanlon “Smart infusion pumps are medication delivery devices that use a combination of computer technology and drug libraries to limit the potential for dosing errors.”(Scanlon M. 2012) Smart infusion pumps are very beneficial and serve a major purpose in Healthcare with the way iv medication is delivered.
- With the use of the smart infusion pumps the healthcare industry can provide a safe deliverance of medications which is used for different purposes when using smart infusion pumps.
- As Nurses, it is important that we understand and learn the appropriate use as well as the purpose of the pumps to achieve the overall goal of delivering extraordinary care while making patient safety our number one priority.
In the following presentation we will be explaining the uses of the smart infusion pumps in healthcare, safety, risk factors, how to monitor the patients, the accessibility system to the patient's electronic record, both the advantages, disadvantages, how they are used and the overall achievement goal with the use of the devices