History of Nursing Informatics

1850s

Nightingale

Florence Nightingale used data collected during the Crimean War to improve patient care and reduce casualties. She analyzed data on mortality and sanitation.

1986

Schwirian

Schwirian used a pyramid model to create a framework for nursing informatics. The pyramid from bottom to top: Raw materials (information), Technology, Users, and Goal.

1989

Graves and Corcoran

Defined nursing informatics as the use of computer, information, and nursing science used to manage nursing data, information, and knowledge to support nursing practice.

1992

ANA recognition

The ANA recognizes nursing informatics as a nursing subspecialty.

1995

Certification

First administration for the informatics certification examinations.

2006

TIGER Initiative

TIGER aimed to provide informatics tools and resources into the aspects of healthcare (education, certification, practice, and research).

2009

HITECH Act

Healthcare organizations were provided incentives to implement HIT.

Today

Role and Responsibilities

Informatics nurses use information management and communication to improve health and patient outcomes using data and technology.