

NEW TRENDS IN MEDICAL SURGICAL NURSING

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INTRODUCTION

Keeping up with nursing trends is important because it helps nursing professionals stay atop of changes in patient care protocols, changes in professional development requirements and changes that affect states' nurse licensure compact, among others.

NEW TRENDS IN MSN

❖ Nursing Practice

❖ Nursing Education

❖ Nursing Research

Nursing Practice

- ❖ Covid – 19 updates
- ❖ Nanotechnology
- ❖ Robotics
- ❖ Clinical Pathway
- ❖ Telemedicine
- ❖ Mobile health applications
- ❖ Genetherapy

Nursing Practice

❖ Covid – 19 updates

- ✓ Health education.
- ✓ Nosocomial infection prevention and surveillance.
- ✓ Preparation & precautionary measures in nursing homes and long term settings.
- ✓ Protection of patients with immune deficits or underlying diseases.
- ✓ Providing care to patients with Covid -19.

Nursing Practice

❖ Nanotechnology

- ✓ Cancer diagnosis and therapy.
- ✓ Nano Oncology.
- ✓ Nanotheranostics.
- ✓ Ultrasound Mediated Drug Delivery (UMDD).

Nursing Practice

❖ Robotics

✓ Nanorobots

- Surgery & Dental robots
- Gene therapy
- Infection
- Renal Calculi
- Arteriosclerosis
- Diabetes monitoring

Nursing Practice

❖ Clinical Pathway

- ✓ It is used to translate guidance and evidence in local structures.
- ✓ It details the steps in the course of treatment or care in a plan, pathway, algorithm, guideline protocol or other inventory of actions and
- ✓ It aims to standardize the care for a specific problem, procedure or episode of healthcare in a specific population.

Nursing Practice

- ❖ Telemedicine, Mobile health applications & Gene therapy
 - ✓ Tele health & Electronic Health Records
 - ✓ For patient assessment – Infra-red thermometer, Sensory monofilament test for prediction of diabetic neuropathy, GlucoTrack & Pain free blood testing technology.
 - ✓ Application of AI – Smart beds, Smart vests & Smart infusion pumps.
 - ✓ Genetically engineered viral vector vaccines such as Measles or adenovirus, Coronavirus.

Nursing Education

- ❖ Virtual nursing education
- ❖ Simulation
- ❖ Innovative technologies
- ❖ Specialization & subsequent certifications.

Nursing Research

- ❖ Orthopedic nursing
- ❖ Perioperative nursing
- ❖ Stem cell nursing management
- ❖ Alternative therapy
- ❖ Artificial Intelligence in nursing



Thank
you!