

Generation next nurses: what's the plan

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I'm all for progress—
It's change that I can't stand.

Mark Twain

Extended Role of Nurse



INTRODUCTION



**TRENDS AND ISSUES
KEEP ON CHANGING
IN THE SOCIETY SO AS
THE ROLE OF NURSE**



Nursing in India: a profession in transition

- Estimated deficit of nurses- 2 million
- Public sector requirement-140,000 staff nurses.
- The nurse-population ratio: - India- 1:2,500

Higher Income countries- 1:150 to 1:200

- The nurse-doctor ratio: - India- 0.5 nurses per doctor

Higher Income countries- 3 or 5 per doctor in the USA and UK respectively.



Health Care System Challenges



High costs



Primary care and public health shortages

Fragmentation



Health care disparities



Aging and sicker population



Nurses and Health Care

- ➔ Largest segment of health care workforce
- ➔ Critical role in providing patient care and care coordination



Need to enhance nurses' skills and capabilities

Educating Nurses: A Call for Radical Transformation

- Use of dynamically sophisticated simulation technology and narrative pedagogy
- Introduction of postgraduate nurse residency programs.
- Lab experiences of Electronic Medical Record (EMR) simulation.
- Dedicated Education Units.
- Quality and Safety Education for Nurses (QSEN).
- Dual Enrollment Programmes.



Knowledge- From something you possess to something you access

- Distance Learning
- Digitally available books
- Nursing games applications
- Online training content



The Future of Nursing

- Electronic readers are replacing textbooks
- Greater use of YouTube videos during class training
- Creating virtual “Second Life” teaching scenarios
- Students are connecting with each other via social media outlets like Facebook and Twitter.
- The increasing Use of Personal Digital Assistants (PDA's)



“Authentic leaders are not made nor are they born; they are enabled or disabled by the organizations in which they work.”

Push and Pull of Faculty Role-Clinician- Educator- Preceptor Role

- Can stay clinically active by picking up shifts.
- Allows faculty to present up-to-the-minute practice guidelines.
- Helps to analyze personal goals.
- Empowering nurses.
- Lowering cost.



Evidence-Based Practice- the Future of Nursing

Resistance from nursing leaders prevent nurses from implementing evidence-based practices that improve patient outcomes.

Scientific Knowledge Expansion

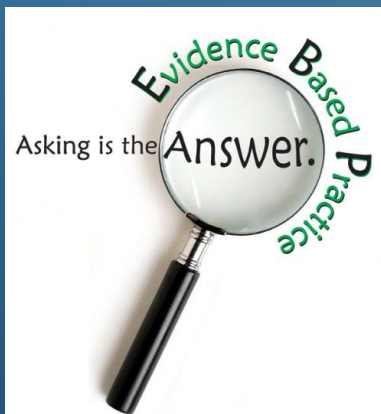
Knowledge Availability-Internet

Highly Educated nurses in Clinical settings encouraging EBP

Accreditations

Educated Customers

Pursuit of Cost Effectiveness



Closing the Gap - From Evidence to action



Emerging Technology



- Increasing trend towards use of Electronic Medical Records
- Introduction of Real time locating systems
- Patient Logistics system helping reduce nurses' physical workload
- Robots delivering pharmaceuticals, lab specimens reducing the need for nurse assistants
- Smart beds that register and record vital signs and patient weight;
- Tablet computers that convert handwriting on the screen to typewritten medical record entries.

**embrace
the change**

Technology for Nurses



PATIENT LIFT SYSTEMS & MIND CONTROL

We've seen how lift systems are helping rehabbing patients to stand from a sitting position and reducing falls when being transported. Here's another big breakthrough in rehab technology that will blow your mind: devices controlled by brain signals that help paralysis patients regain motion in their limbs.

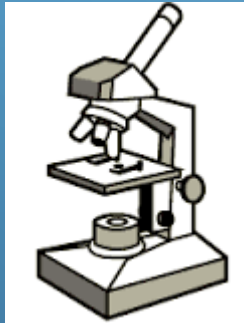


DRUG DELIVERY SYSTEMS

Implantable devices are making the administration of medicine easier. They release medication into a patient's body and allow complex dosing patterns to be scheduled at designated times. Plus, they streamline the process of keeping track of when the patient had his or her last dose.



Technology for Nurses



ROBOTICS & SMART GLASSES



2 Biometrics

Bio-metrics have increased security on a patients information. It scans the eyes and ears of a patient to ensure that it is the right patient. Not only that fingerprints is also used as a uptight security system. This is very useful tool because it limit the access of others when it comes to your health

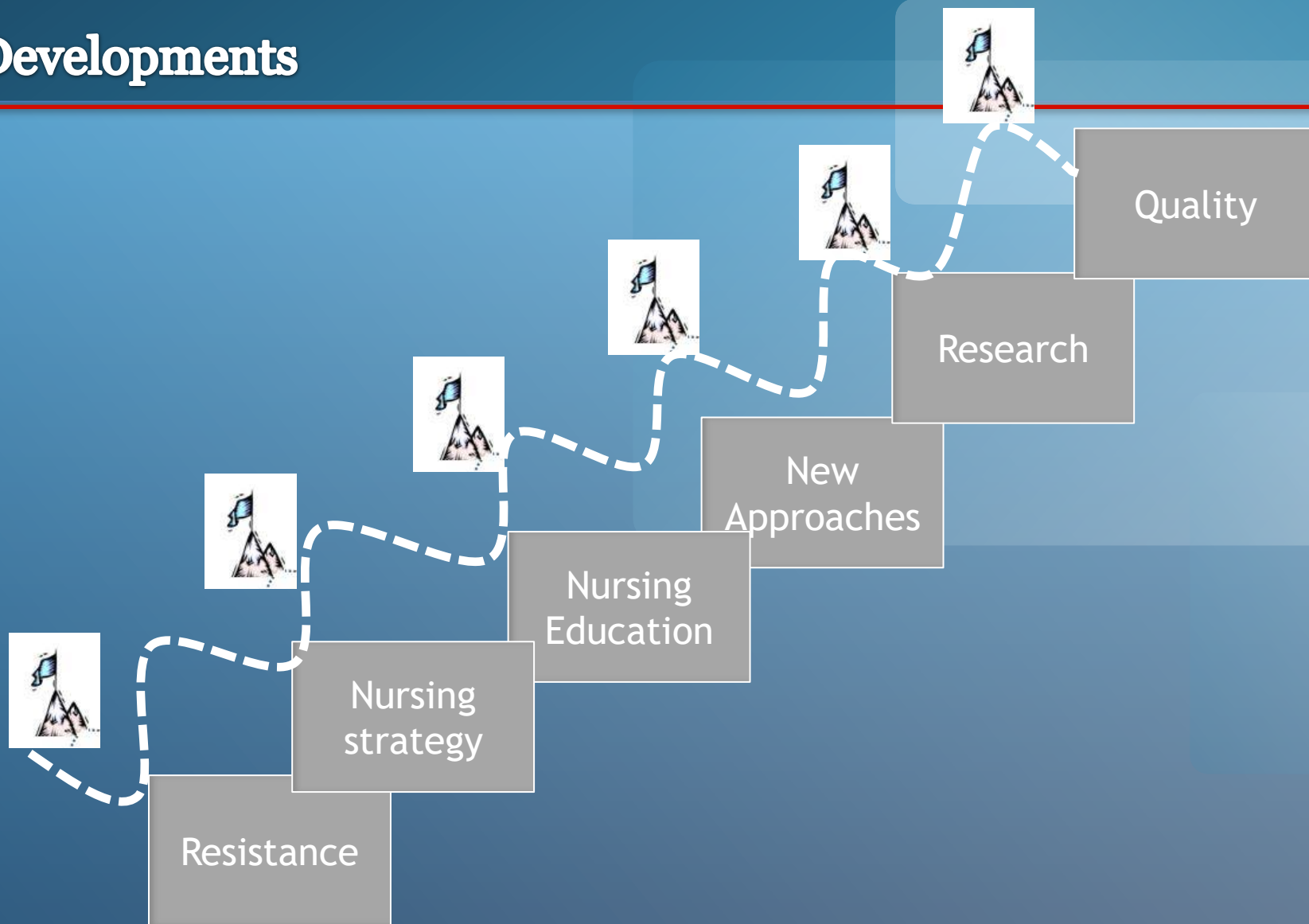


Technology for Nurses

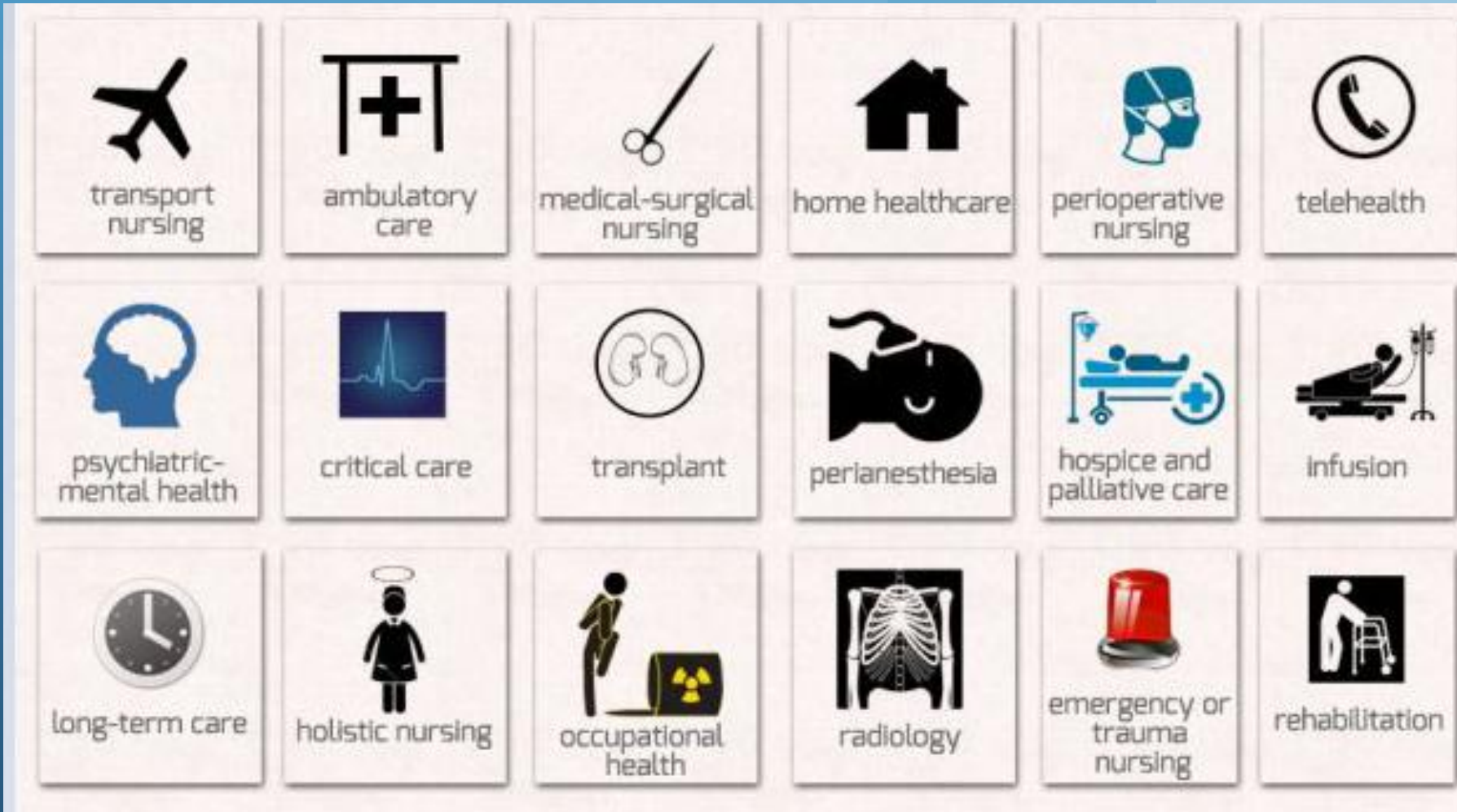
- **VIDEOCONFERENCING** Interact with nursing professionals throughout the world.
- **THE BLOGOSPHERE** allows nurses to share their experiences and feelings.
- **DRUG MANAGEMENT TECHNOLOGIES** bar coding and verification



Nursing Developments



Beyond the Bedside: The Changing Role of Today's Nurses



The Role of Nurses in the Area of Quality & Safety



Improving the patient care experience

Improving the population's health



Reducing healthcare costs

TODAY



& BEYOND

Quality with Compassion, Care and Commitment





TRANSFORMING LEADERSHIP



THE NURSING PROFESSION MUST PRODUCE
— LEADERS FROM THE —
BEDSIDE TO THE BOARDROOM.

