Simulation in Nursing Education: A Call to Action

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TOP 7 STATES WITH THE HIGHEST NURSING DEMAND

The nationwide nursing shortage is continuing to grow. By 2030, the South and West regions of the U.S. are predicted to be in the highest demand of registered nurses.

1. California - 193,100
   - Arizona - 56,781
   - Texas - 109,779
   - Florida - 128,364

2. Georgia - 43,075
3. Virginia - 32,464

Source: United States Registered Nurse Workforce Report Card and Shortage Forecast
The Future of Nursing

The nursing profession has the potential capacity to implement wide-reaching changes in the health care system.

With more than 3 million members, nurses represent the largest segment of the U.S. health care workforce.
TRANSFORMING PRACTICE

NURSES AND PRIMARY CARE

Nurses provide primary care services across the spectrum of health care settings. The range of possibilities for nurses providing primary care is significant, and their capacity for filling these roles is not always recognized.

BETWEEN 1995 AND 2009, THE NUMBER OF NURSE PRACTITIONERS PER PRIMARY CARE MD MORE THAN DOUBLED, from 0.23 to 0.48. The number of physician assistants per primary care MD also increased.

A 2008 SURVEY OF MEDICAL STUDENTS FOUND ONLY 2% PLANNED CAREERS IN GENERAL INTERNAL MEDICINE.

IT IS POSSIBLE TO INCREASE THE SUPPLY OF BOTH NPs AND PAs IN A RELATIVELY SHORT AMOUNT OF TIME, HELPING TO MEET AN INCREASED DEMAND FOR CARE, INCLUDING CARING FOR UP TO 32 MILLION PREVIOUSLY UNINSURED AMERICANS.

NURSES SHOULD PRACTICE TO THE FULL EXTENT OF THEIR EDUCATION AND TRAINING.

Success Stories!
Our simulation hospital!
Women and Children’s Health

- Labor & Delivery
- Neonatal ICU
- Pediatric ICU
Four Operating Rooms
Anatomage® Table
Medical – Surgical Floor/ICU
Transitional Care/Home Care
Highlights
Virtual Sim and Virtual Reality
Disaster Preparedness
Interprofessional Education
Cultural Humility
Telehealth

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Challenges

• Shortages
  – Registered Nurses
  – Nurse Educators
  – Clinical Sites

• Rapidly changing technology
• Major gaps in readiness for practice
• Expanding roles without the technology and infrastructure
Simulation: The Evidence

- Up to 50% of clinical can be substituted with simulation

Call to Action

• Support
  – Standardize policy across State Boards of Nursing to allow up to 50% of clinical in simulation
  – Prioritize development of simulation programs in rural educational programs
  – Faculty training and development
  – Nursing to work to their full scope of practice as they transition to bridge shortages in primary care

• Appropriations
  – Nursing Workforce Development
  – Nurse Residency Programs
  – Nurse Faculty Loan Program
  – Health Professions Education and Training
  – Simulation & Technology
Thank you.