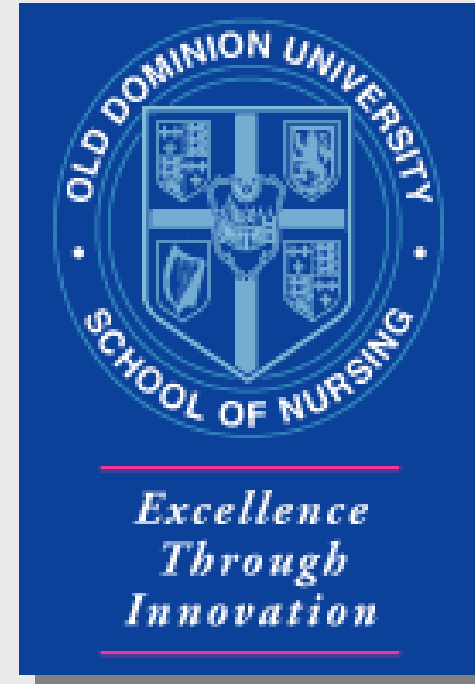


Using Simulation Experiences to Teach Health Care Providers to Address Health Care of Chronically Ill African American Women



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Presentation Objectives

- Describe factors that influence positive and negative health outcomes for elderly African American women
- List strategies for enhancing cultural competency of health care providers by using simulated experiences
- List the challenges encounters by providers when caring for an elderly African American woman

21st Century U.S. Population Demographic Trends

	White	Black	HISP	A/PI	NA
1998	72.9%	12.1%	10.7%	3.5%	0.7%
2005	69.6%	12.4%	12.6%	4.4%	0.8%
2010	68%	12.6%	13.8%	4.8%	0.8%
2015	66.1%	12.7%	15.1%	5.3%	0.8%
2020	64.3%	12.9%	16.3%	5.7%	0.8%
2030	60.5%	13.1%	18.9%	6.6%	0.8%

Population Trends

- ▶ Seniors fastest growing group
- ▶ In 2000 there were 35 million over 65 years
- ▶ By 2030 there will be 70 million
- ▶ 1 in 5 Americans will be 65 and older

NHIS, 2000-2001

- | | |
|-----------------|----------------|
| • Heart disease | • 31.1 percent |
| • Hypertension | • 49.2 percent |
| • Any Cancer | • 20 percent |
| • Diabetes | • 15 percent |
| • Arthritis | • 36.1 percent |

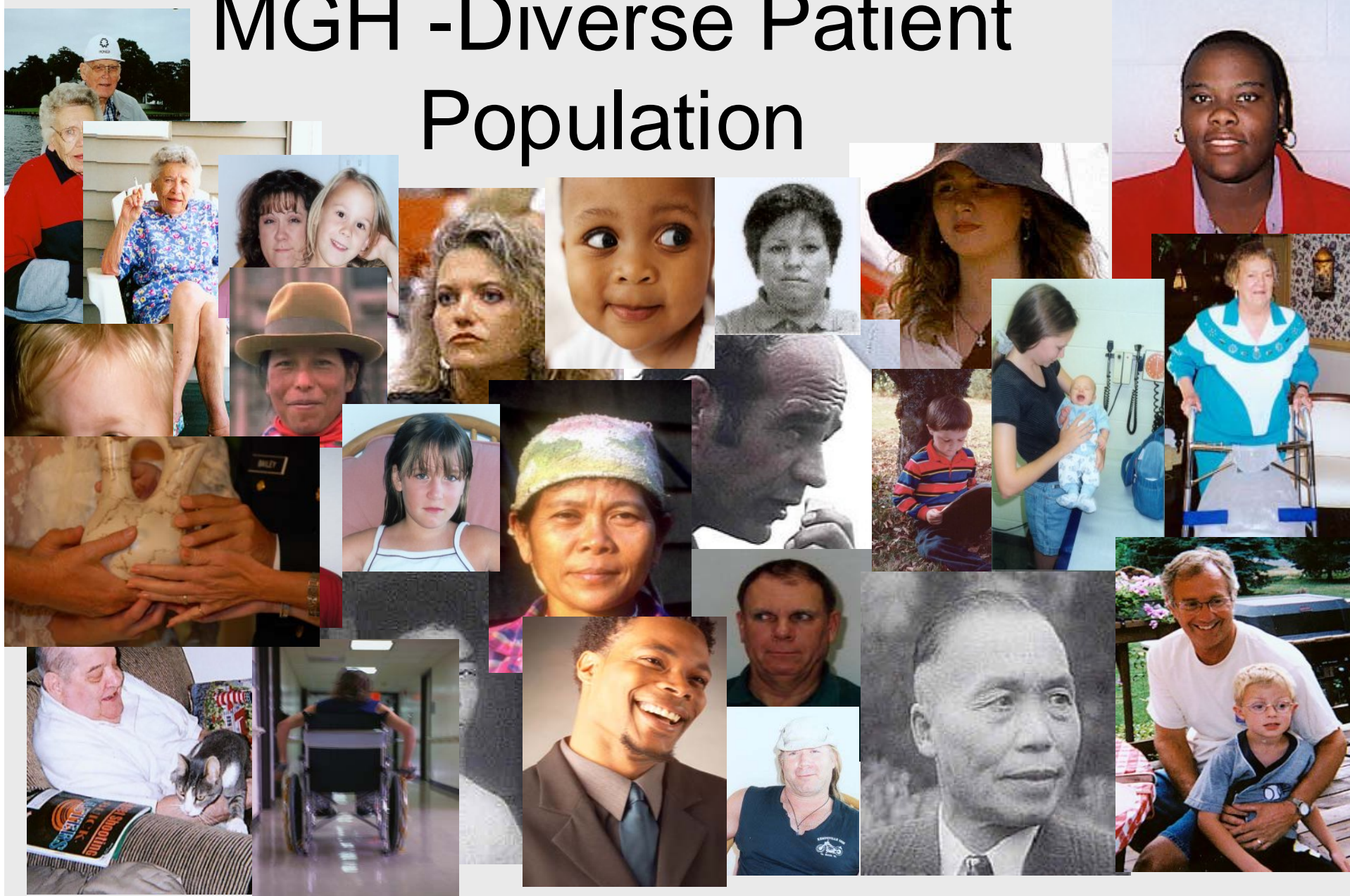
Women's Health

- ▶ Over half of diabetics are women
- ▶ Minorities are 2-4 times more likely to be diagnosed type 2 diabetes
- ▶ Obesity is a risk factor for diabetes, hypertension, and musculoskeletal problems
- ▶ Prevalence of obesity highest for women and minorities

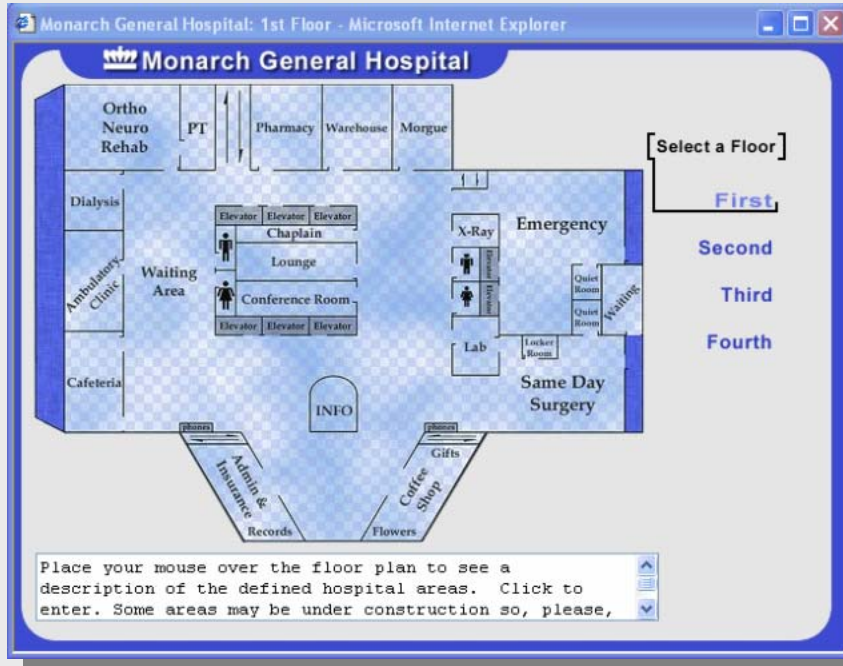
Campina-Bacote Cultural Competence Model (2007)

- Desire
- Awareness
- Knowledge
- Skill
- Encounters

MGH - Diverse Patient Population



Monarch General Hospital



User name:

Password:



Hospital Directory

**Monarch
General
Hospital****Floor Plans****Administration:**

[Affiliations, Board, Administrative Staff](#)
[General Information](#)
[Mission and Goals](#)
[Services](#)

Employee Zone:

[Weekly Bulletin](#)

Medical Services:

[Ambulatory Clinic](#)
[Cardiac Care Unit](#)
[Chaplain](#)
[Child Care](#)
[Dining Facility](#)
[Emergency Department](#)
[General Medical Wing](#)
[General Surgical Unit](#)

Ambulatory Clinic – Health History



Text
Based
--
Static

Mrs. Tendercalf- 78 yr old

female

"My leg - down in the calf - is all achy and seems a little bigger to me than the other one. It's a good thing that this didn't happen till I got home from my vacation - It was a long bus trip across country."



Download the Ambulatory Clinic Medical Chart

Or print and complete the medical chart for class from a web page.

Interactive Health History

Instructions

1. Select a patient from the ambulatory clinic.
2. Type your question into the question text box and press the enter key.
3. The patient will respond to your question with a type-written answer.
4. Print or Save the dialogue for use in class, if applicable.

Ambulatory Clinic Patients

[Alice Hairis](#)

[Hedda Hurtz](#)

[Sy Nusos](#)

[Ben McCoughin](#)

[Mrs. Tendercalf](#)

[Belle Payne](#)

To **Print** your dialog:

- Click the Print button
- Select an appropriate
- Click OK

To **Save** your dialog:

- Click the Copy Dialog
- Paste it in your word [MS-Word, Wordpad, **paste in NotePad**]
- Save

To **Clear** the dialogue and

- Click the "clear dialog

Clearing the dialogue
removes the dialogue
not a print
press

Interactive Health History



Mrs. Tendercalf- 78 yr old female
"My leg - down in the calf - is all achy and seems a little bigger to me than the other one. It's a good thing that this didn't happen till I got home from my vacation - It was a long bus trip across country."

Type in your question, and hit the "Enter" key when done, or press the "Ask" button next to the question box.

Question:

Ask

Dialogue:

nurse: What remedies have you tried?
patient: Well at first I tried walking around in my apartment to see if it was a muscle cramp. Then I tried rubbing it with some "ICY HOT" to see if it would help - it didn't. I took a nice warm bath, but the aching just continued

nurse: How long have you had these symptoms?
patient: Well, this left leg looks a little bit swollen to me. see, doesn't it look bigger than the right one to you? And this spot back here on the calf is warmer than the rest of my leg - and it looks a little bit pinker to me too! When I touch this area it is quite tender, too

Mrs. Tendercalf: 78 yr old female "My leg - down in the calf - is all achy and seems a little bigger to me than the other one. It's a good thing that this didn't happen till I got home from my vacation - it was a long bus trip across country."

>>> Click in the Question box when you are ready to begin <<<

Clear Dialogue

Copy Dialogue

Print

Text,
Voice
And
Video
--
Interactive

Department
Welcome

Patient
Charts

Presentation
Assignment
Resources

Ambulatory Clinic

Patients
Hospital Directory


Old Dominion University

M. Y. Achinbak
Mary Ellen Barnes
Gladys Daye
Consuela Del Oro
Tillie Edney
Mr. Featherstone
Ferdinand Flores
Alice Hairis

Hi, I'm the Nurse Clinical of Moparch General Hospital. I'm staffed 0700-0700. "Pose able to under-citizen immun ages and F open. Saturd open. Medic Thurs open.

Alice Hairis - 6 year old female brought to the clinic by her mother.
"My head is all itchy."
The mother reports that for the last few days the child has been scratching her scalp. You notice that she scratches the sides and back of her head frequently while you ask pertinent health history questions.

ASSIGNMENTS
Refer to your course syllabus or planner before completing assignments. Your instructor will indicate which assignments to complete and when they are due.

 Download the Ambulatory Clinic Medical Chart
Or print and complete the [medical chart](#) for class from a web page.

Accessing
Patients in
MGH

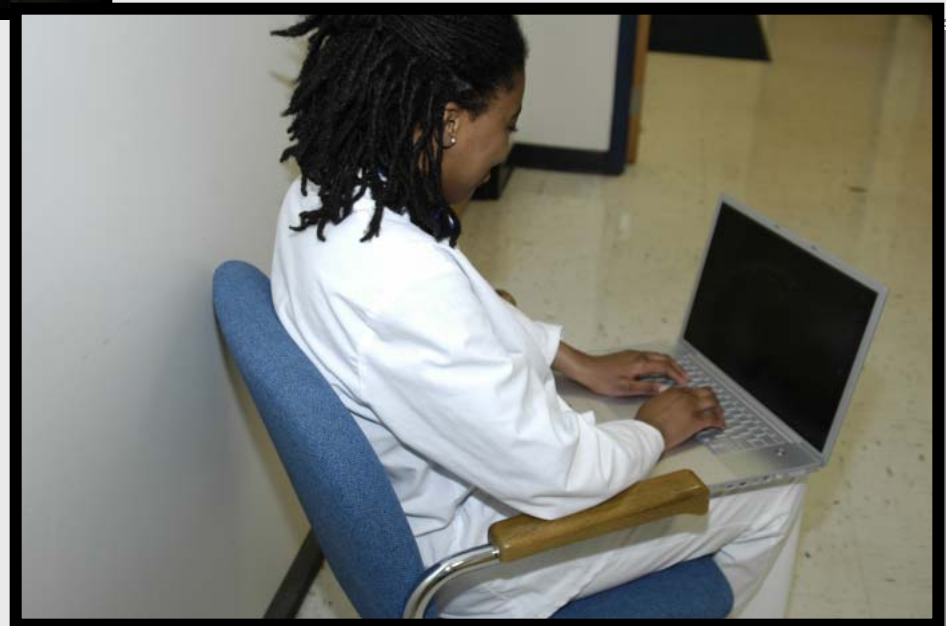
Typical Department Interface with charts, student assignments and documents

Learning Environments

Virtual



Virtual Environment



Interactive Virtual Patient Assignment

➤ Students

- Access a history and picture reflective of the patient's current situation
- Receive a video taped report from the previous nursing shift
- Review chart orders
- Plan patient care indicated from information gathered
- Use threaded discussion to share plan of care with colleagues

Benefit of Interactive Virtual Patients

- Faculty can evaluate both process and presentation
- Repetitive interviews with a variety of patient scenarios
 - Improves ability to obtain accurate assessment data
 - Provides frequent opportunities for feedback from faculty
 - Increases proficiency in data collection and communication

Learning Environments

**Standardized
Patient**

Standardized Patients



- Culture
- Cognitive
- Affective
- Psychomotor

Standardized Patients

Practice Implications

- Provide all students with the same cultural encounters
- Expand one-time exposures to multiple exposures of materials, activities and experiences
- Elevate the classroom experience from knowledge and comprehension to analysis, synthesis, and application
- Evaluate encounters systematically