

# AI / Scenarios Gerontology

**As the population ages, it's increasingly important for all healthcare providers to develop the skills needed to deliver competent, compassionate, and dignified care to older adults.**

Providers in primary care and emergency settings will be on the front lines of this shift, often addressing complex health needs without formal training in geriatrics, making these skills all the more essential.



## Curriculum Challenges

Elderly patients face a complex combination of physical challenges, including chronic conditions, mobility limitations, and sensory impairments. **AI-driven scenarios help healthcare learners examine not only the medical aspects of care, but also the functional and practical needs of older adults.**

By integrating physical, emotional, and social dimensions, **these scenarios promote a comprehensive, person-centered approach to geriatric care.** Learners are encouraged to explore common emotional concerns—such as fear of aging, loss of autonomy, and feelings of isolation—while developing the skills to build trust and rapport with older patients.

**Gerontology-focused scenarios highlight the critical role of social determinants of health,** including loneliness, financial hardship, and limited family support, preparing learners to deliver care that is both compassionate and contextually aware.

### Emotional & Psychosocial Considerations

- Aging Fears
- Loneliness
- Mental Health
- Family Dynamics
- Family Stress
- Grief Care
- Stress Management

### Clinical & Health Management

- Multiple Medications & Medication Adherence
- Opioid Caution
- Infectious Disease
- Risk Assessment
- Sexual Health
- Health Aging & Health Maintenance

### Care Planning & Decision-Making

- Discussion About Increased
- Care Exposure to Patients with Declining Health

### Environmental & Functional Assessment

- Home Assessment & Environment Check

## Instructional Design & Learning Experience

PCS Scenarios offer an **end-to-end interactive, comprehensive clinical skills learning experience** that goes beyond patient histories.

Pre-Simulation	Simulation	Post-Simulation
<ul style="list-style-type: none"><li>• Pre-assessment</li><li>• Health Records &amp; Patient Documentation</li></ul>	<ul style="list-style-type: none"><li>• Point-of-Care Documentation</li><li>• In-situ Hints &amp; Tips</li><li>• Vitals Assessment</li><li>• Physical Exam</li><li>• Interpreting Lab &amp; Imaging Results</li><li>• Clinical Diagnosis or Diagnostic Reasoning</li><li>• Knowledge Checks</li></ul>	<ul style="list-style-type: none"><li>• Post-assessment</li><li>• Reflection Survey</li><li>• Automated Skill Report</li><li>• Self-Debrief</li></ul>

## Why Use PCS.AI Virtual Patients?

- Generative AI means interactions means no more rigid scripts or limited menus, just open-ended, authentic conversations
- Practice anytime, anywhere, with dynamic, on-demand scenarios
- Repeatable scenarios to reinforce learning
- Qualitative and Quantitative Learner feedback
- Customizable scenarios aligned with discipline and learner proficiency, ensuring comprehensive curriculum coverage

**Gerontology AI/Scenarios  
Available On**

 **Spark**



 **SimVox**

