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Category: Prevention &
Public Health
Research Type: Clinical

Proactive Management of Urinary Incontinence in Older Adults

Problem Statement
UI in adults >65 → depression, infections, falls, reduced mobility, and loss of independence.
In Iran, care is mainly reactive (treatment starts after symptoms).
ICS 2024 recommends early risk detection, lifestyle change, and prevention.
A unified AI-enhanced national protocol is needed.

- Project Objectives**
- Develop clinical competency model
 - Integrate AI tools (predictive modeling, dashboards)
 - Implement training modules & clinical audit systems

- National Standards**
- Risk identification protocols (EMR alerts, checklists)
 - Unified documentation
 - Preventive pathways based on AI risk scoring
 - Interdisciplinary collaboration frameworks

- Training Modules**
- Course 1: Fundamentals of UI Risk Screening
 - Course 2: Lifestyle & Medication Impacts
 - Course 3: AI Applications in Preventive Care
 - Course 4: Coordinated Long-Term Management

- Implementation Tools**
- E-learning platform
 - AI-integrated decision support systems

Outcome
Healthy aging, earlier detection, personalized care, better quality of life, and more efficient healthcare system.