

Leveraging Technology for Personalized Geriatric Care: Innovations in Remote Monitoring and AI

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Date :

9 September 2025 (Tuesday) – Day 1

Time :

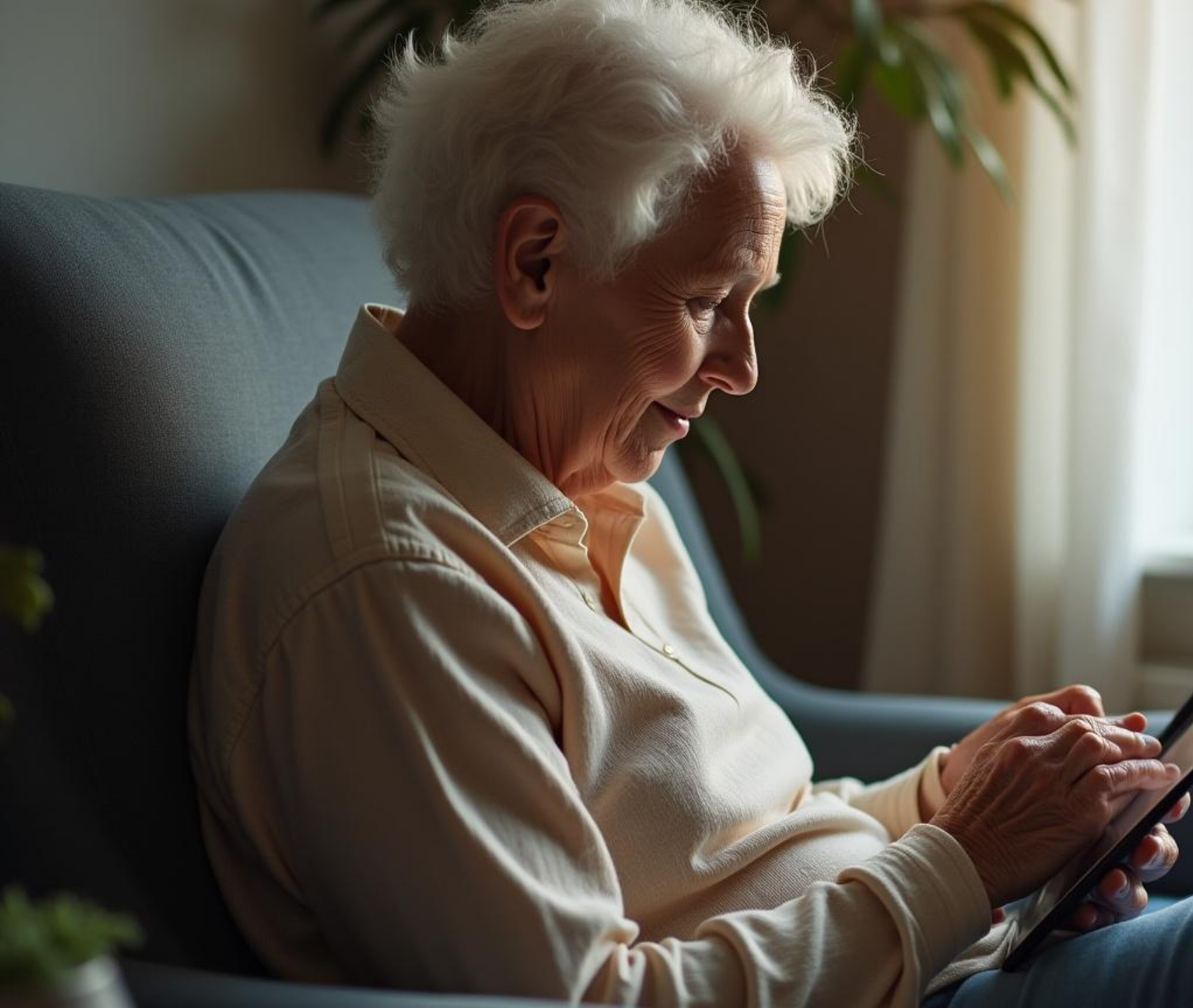
3.15-3.40 pm

Symposium 1 :

Redefining Aged Care: A New Model of Allied Health Support

Title:

“Leveraging Technology for Personalized Geriatric Care: Innovations in Remote Monitoring and AI”



→ 01 ←

Introduction to Geriatric Care Technology

Overview of Current Challenges

- delayed responses – health deteriorations.
- Limited data – gaps in monitoring
- Increases the burden

Technological intervention.

Importance of Innovation

- enhance patient engagement
- ensure better health management
- empower elderly individuals to manage their conditions more effectively
- healthcare providers can deliver high-quality care and support patient independence.



→ 02 ←

Remote
Monitoring

Wearables:

Smartwatches, fitness trackers, and specialized sensors for heart rate, blood pressure, and sleep.



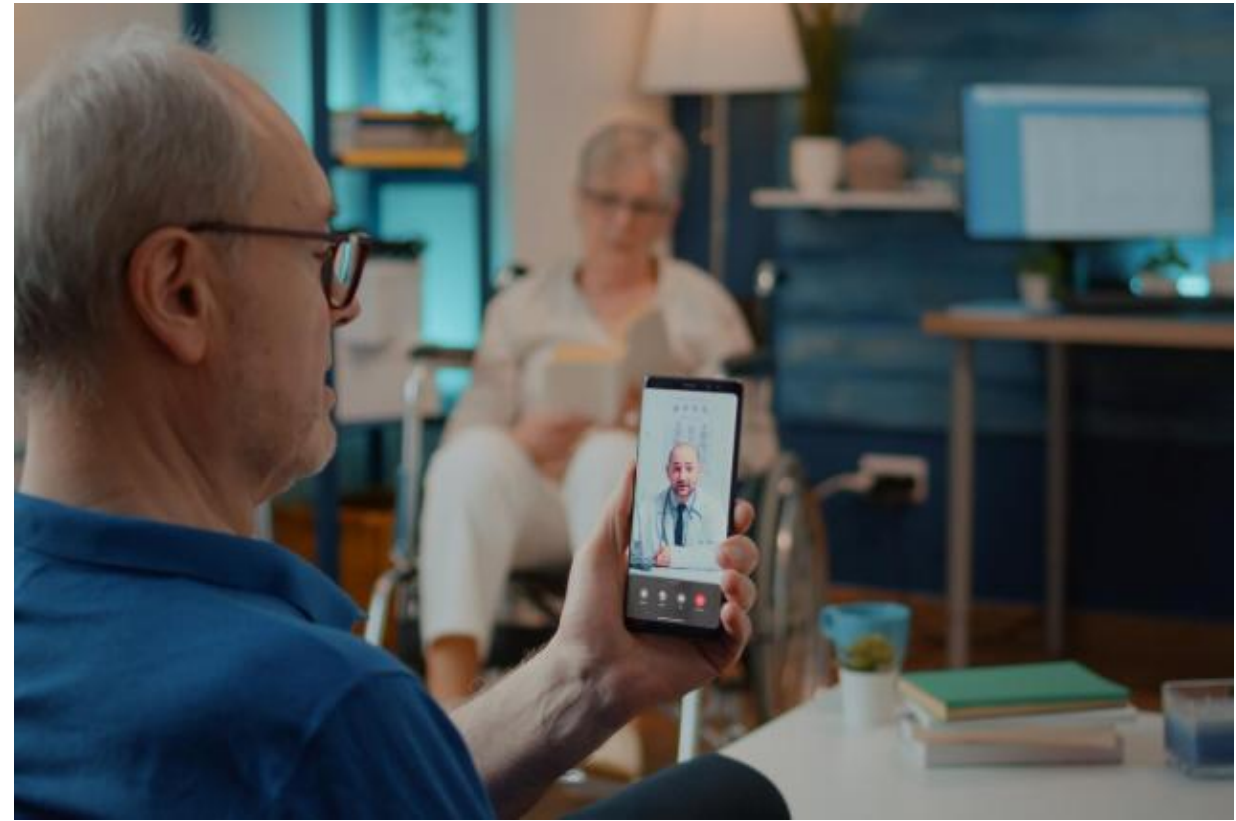
In-Home Sensors:

Motion sensors, bed sensors, and smart pill dispensers that track daily activities and medication adherence.



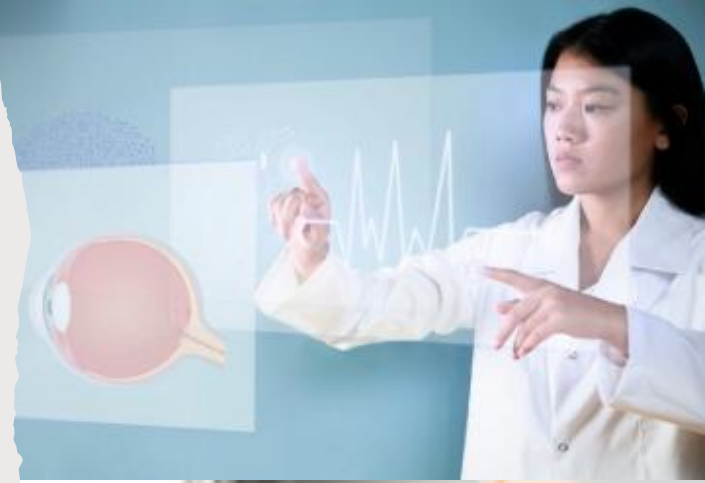
Telehealth Platforms:

Video consultations and digital communication tools.



Benefits:

- Early Detection
- Increased Independence
- Reduced Costs





→ 03 ←

Artificial
Intelligence
(AI)

Predictive Analytics:



Personalized Care Plans



Ambient Assisted Living



Robotics and Conversational AI





→ 04 ←

PutraLINK



Data Collection and Management



Integration with Existing Healthcare Systems



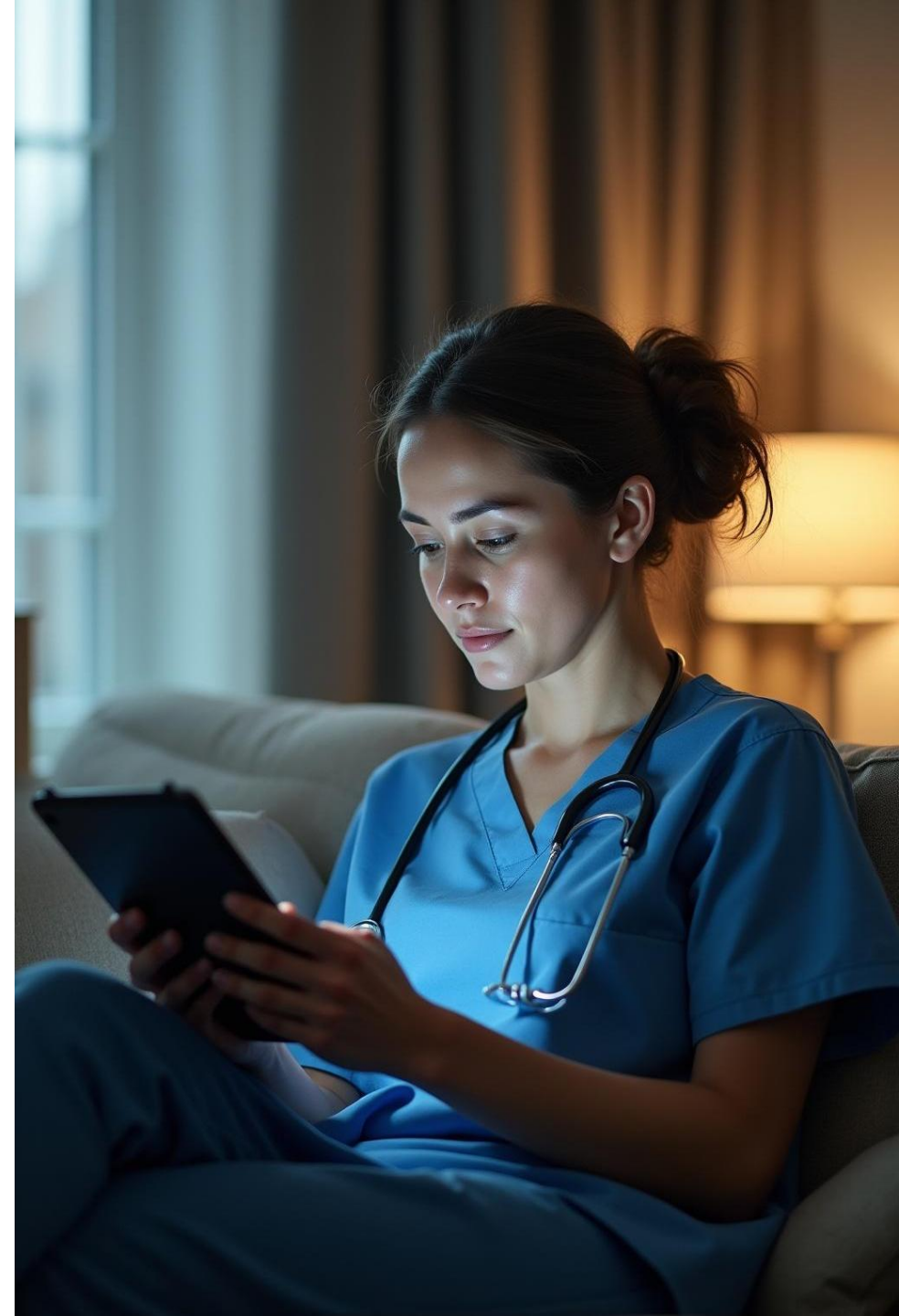
Patient Benefits and Satisfaction

- enhanced monitoring capabilities
- increased engagement in their health management
- empowers them to act proactively and manage their health more effectively
- fosters a sense of security, allowing patients to age in place confidently



Professional Advantages for Healthcare Workers

- benefit from streamlined access to patient data
- enabling better decision-making and care coordination
- they can focus on patient-centered approaches
- enhancing the quality of care provided
- reduces burnout by minimizing emergency visits and hospitalizations





Future Directions
and Improvements

AI integration

Conclusions



- PutraLINK represents a significant advancement in geriatric care
- empowers both patients and healthcare providers to manage health proactively
- improved health outcomes, greater patient satisfaction, and a stronger healthcare system overall

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Terima Kasih