

Success of community-based system dynamics in prevention interventions: A systematic review of the literature

Systems thinking approaches are increasingly being used to help communities understand and develop responses to preventing complex health problems. Less is known about how success is characterized and what influences success in these approaches.

**Felmingham T. et al. Frontiers in public health. 2023; 11: 1103834.*

1

Scan or Click



Artificial intelligence and machine learning disciplines with the potential to improve the nanotoxicology and nanomedicine fields: a comprehensive review

This review, they provide an overview of artificial intelligence (AI) and machine learning (ML) techniques in nanomedicine and nanotoxicology to better understand the potential toxic effects of these materials at the nanoscale.

**Singh A. et al. Archives of toxicology. 2023;97(4):963-979.*

2

Scan or Click



Potential sources of nanomaterial exposure



Telehealth medication management and health care spending in a Medicare Accountable Care Organization

This study represent a substantial reduction in health care spending and emphasize the opportunity for telehealth delivery of medication management services to improve value as a part of alternative payment models.

**Urick BY, et al. Journal of managed care & specialty pharmacy. 2023;29(4):357-364.*

3

Scan or Click



1

Recruitment / scheduling

- Screen for eligibility
- Outreached with letter and phone call
- 60-minute initial visit, 30-minute follow-up if needed

2

Telehealth visit

- Review each medication for safety, efficacy, and affordability
- Assess and educate on proper use
- Inquire about potential adverse effects or negative interaction
- Explore barriers to care as pertinent
- Answer patients' question

3

Provider communications

- Communicate recommendation for therapy optimization/modification to the appropriate prescriber
- Implement prescriber-approved changes and close gaps based on guidance provided

4

Documentation

- Use patient outreach encounters and social care programs for problem-based charting
- Track medication therapy problems
- Send recommendation and resulting actions via telephone encounters in the electronic health record and save in the medical record