

## NHS Clinical Entrepreneur Programme - CEP Prep Learning.

Session 1: Why innovation in healthcare is important

### Learning Outcomes:

#### Demystifying Innovation

- Explore the concept of innovation and recognise that it extends beyond technology or product development.
- Realise that everyone has the potential to be an innovator, regardless of their role or background.

#### Problem-Solving Skills

- Learn practical approaches to problem-solving within your organisation.
- Discover techniques for identifying and addressing challenges effectively.

### Key Points

- What makes innovation work in healthcare:
  - ❖ Novelty - Innovations in healthcare often emerge from novel ideas, approaches, or technologies. These fresh perspectives can lead to breakthroughs in patient care, disease management, and operational efficiency. Whether it's a new medical device, a digital health solution, or a novel treatment protocol, embracing novelty drives progress.
  - ❖ Value - The value proposition of an innovation matters significantly. Healthcare innovations should improve patient outcomes, enhance quality of life, reduce costs, or streamline processes. When stakeholders perceive clear value, they are more likely to adopt and support the innovation.
  - ❖ Scalability - Scalability refers to an innovation's ability to expand its impact across a broader population or multiple healthcare settings. Innovations

- that can be easily replicated, adapted and implemented at scale are more likely to succeed. However, assessing scalability remains a challenge.
- ❖ Empowerment - Empowering patients, healthcare providers, and other stakeholders is crucial. Innovations that empower patients to actively participate in their care decisions, manage chronic conditions, and access information lead to better health outcomes. Similarly, empowering healthcare professionals with tools, data, and training enhances their effectiveness.
  - ❖ Synergy - Collaboration and synergy are essential for successful healthcare innovation. When different stakeholders (researchers, clinicians, policymakers, patients, industry partners) work together, they can combine their expertise, resources, and perspectives to create holistic solutions. Synergy fosters innovation ecosystems and accelerates progress.
  - What makes innovation work in the NHS: addressing a national policy or priority, decreasing friction for patients, removing steps from a pathway, affordability, real-world evidence and data.
  - Key documents: NHS Long-Term Plan, UK Innovation Strategy, NHS Workforce Long Term Plan, Life Sciences Vision, TOPOL Review, Core 20 Plus 5, King's Foundation, Health Foundation.
  - The 2024/25 priorities and operational planning guidance from NHS England outlines several key areas of focus for the National Health Service (NHS) in the upcoming year. Let's break down these priorities:
    - ❖ Workforce: Addressing staffing challenges, ensuring adequate personnel, and supporting healthcare professionals.
    - ❖ Reboot and Recovery: Continuing to recover core services and productivity after pandemic disruptions.
    - ❖ Net Zero: Advancing sustainability efforts to reduce the NHS's environmental impact.
    - ❖ Health Inequalities: Tackling disparities in health outcomes across different populations.
    - ❖ Long-Term Plan: Progressing toward the goals outlined in the NHS Long-Term Plan.

- ❖ Cost Efficiencies: Striving for efficient resource utilisation while maintaining quality care.

**Resources and further reading:**

[NHS Long-Term Plan](#)

[UK Innovation Strategy](#)

[NHS Workforce Long Term Plan](#)

[Life Sciences Vision](#)

[TOPOL Review](#)

[Core 20 Plus 5](#)

[King's Fund](#)

[Health Foundation](#)