



Cyclops Healthcare Network

(Closed loop control systems for optimisation of treatment)

EPSRC Network Plus

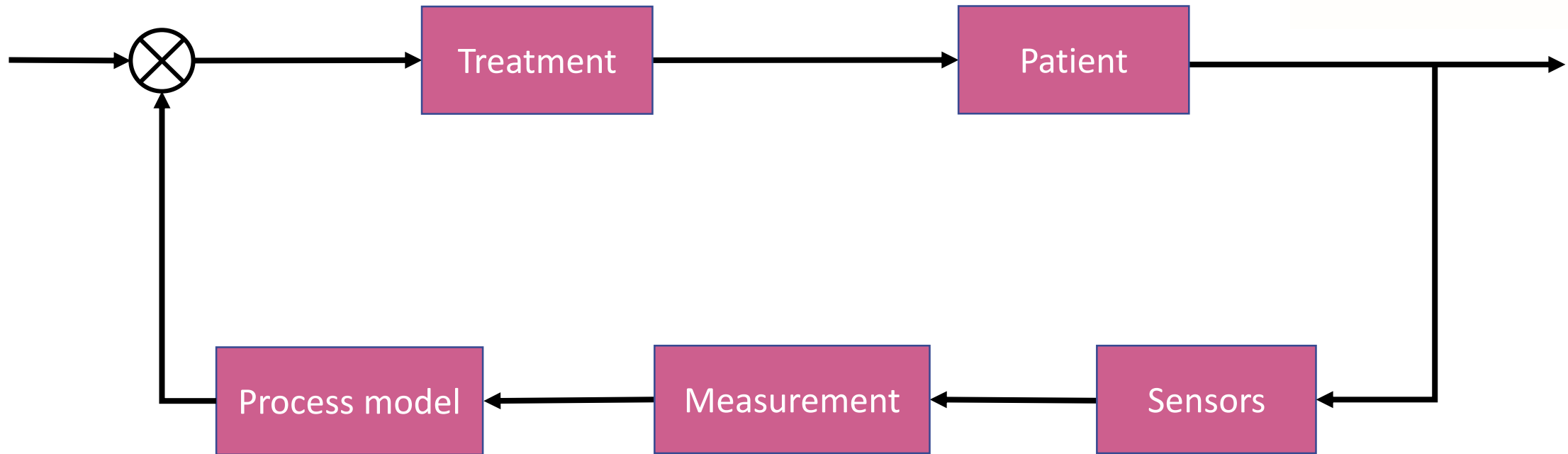




Aim of the network

Treatment that is optimised and personalised to the individual patient to improve outcomes across a range of medical conditions.

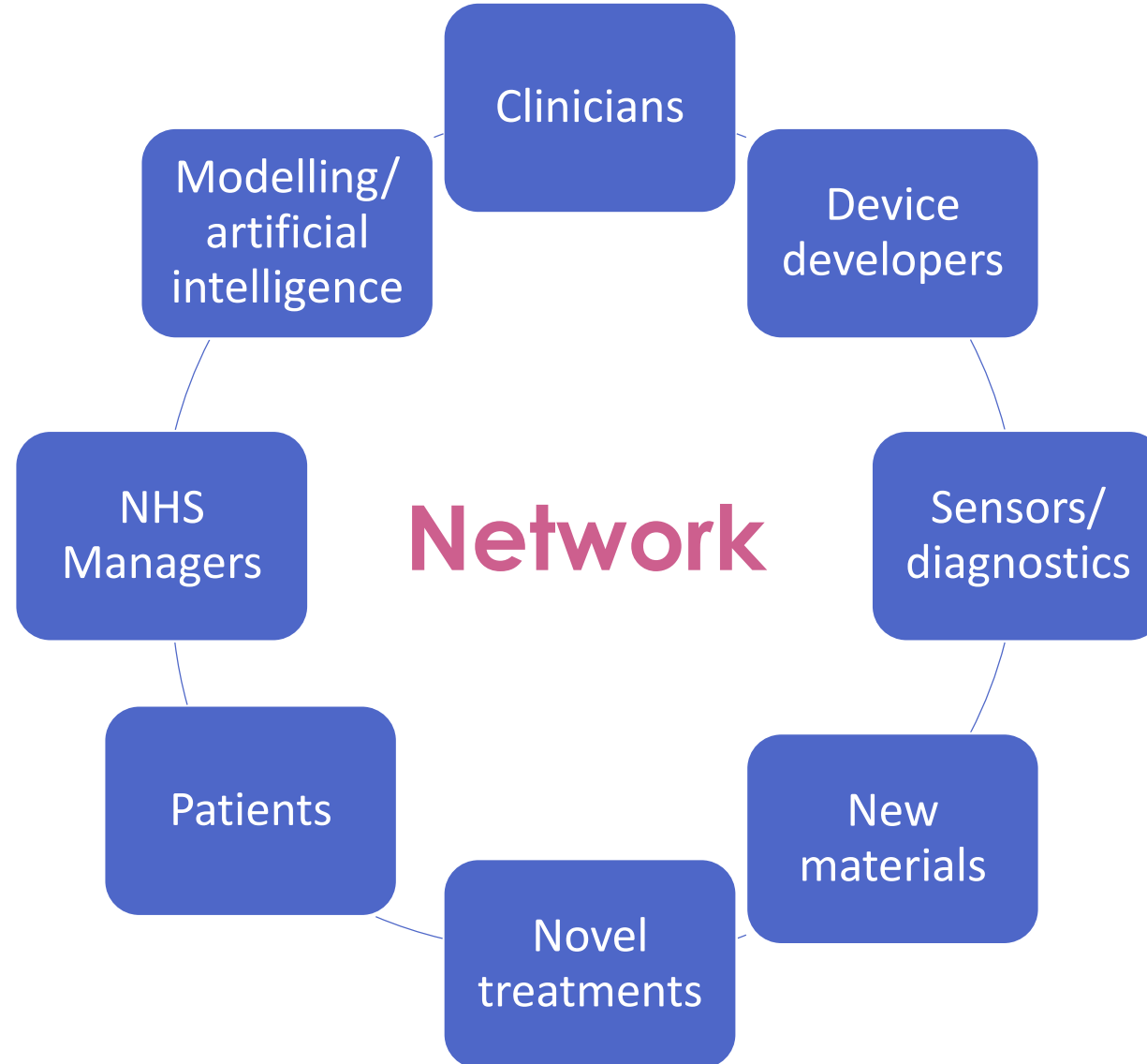
The closed loop approach



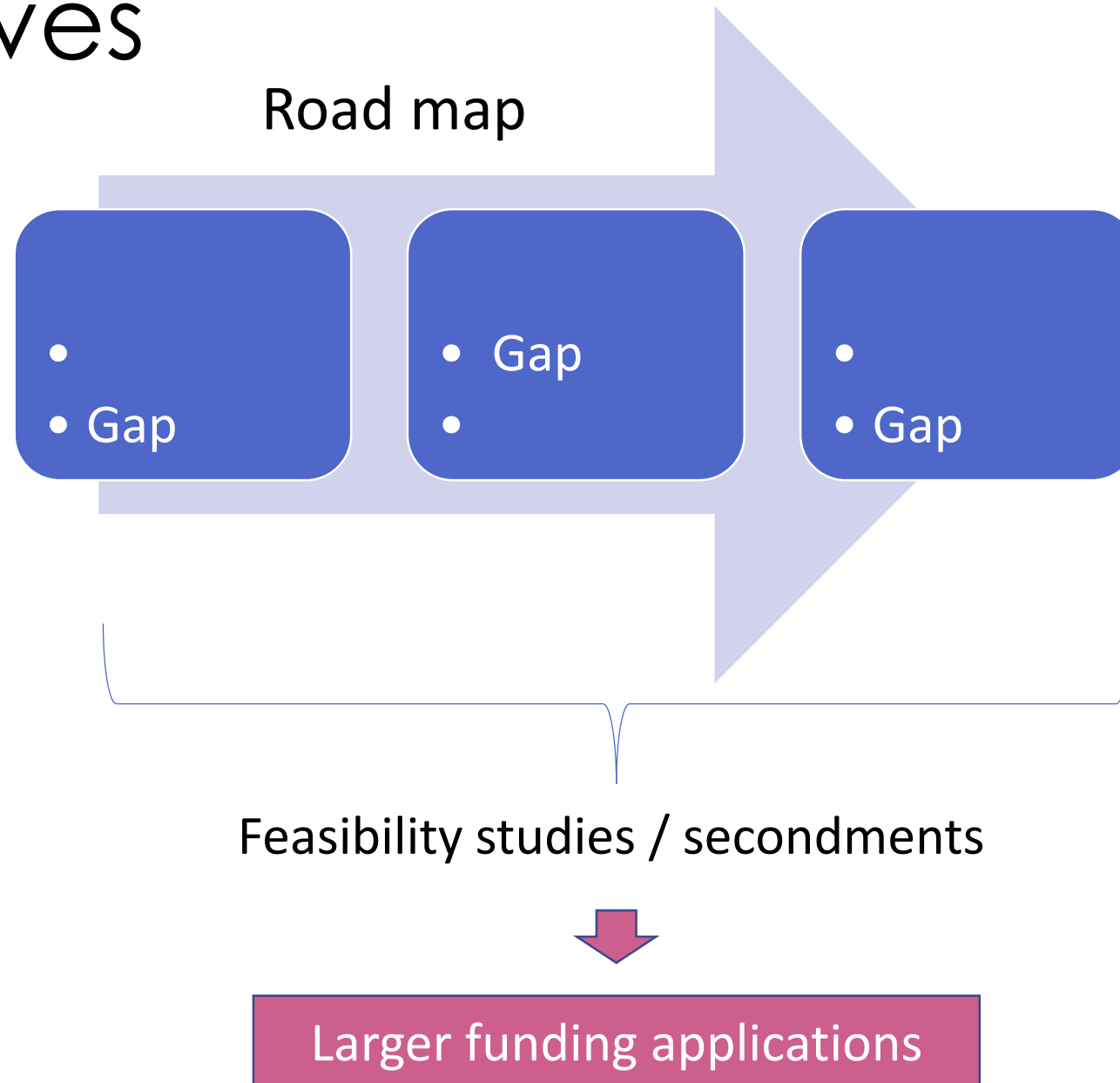
Clinical areas

- i) critical care;
- ii) chronic wounds;
- iii) cancer treatment.

Objectives



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Attendees

- 12 clinicians/clinical academics – 4 NHS Trusts
- Representatives of 19 universities
- Including 2 international guests
- 3 spinout companies
- 2 patient representatives
- Other stakeholders





Workshop: Day 1

- Overview of clinical needs in the **clinical exemplar areas**
- Overview of the latest developments and gaps in three **technical areas**
- **Breakout sessions.** Delegates spend half an hour exploring each of the three clinical exemplar areas
- **One minute pitches** - Delegates will each have the opportunity to talk about their ideas for closed loop approaches to treatment and their expertise



Workshop: Day 2

- **Strategy and funding opportunities** in Healthcare Technologies
- How **CHEATA** can support Cyclops proposals
- **Launch of the call**
- **Project outlines** – Groups will be invited to present a brief outline of their concepts /proposals for closed loop approaches to treatment.