



Digital and Innovation Board; co-production with our patients and carers

Rhidian Bramley, Digital and Innovation Clinical Lead, GM Cancer.
Louise Lawrence, Innovation Programme Manager, GM Cancer, Health innovation Manchester, Macmillan Cancer Support.

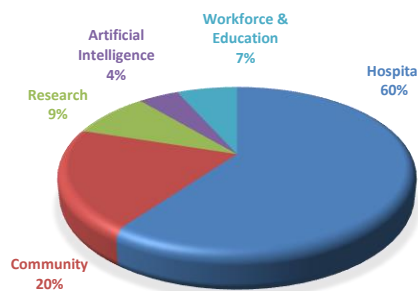
Understanding the GM Cancer Digital and Innovation Board:

- ✓ Board first table **Sep 2021**
- ✓ Innovation Programme Manager role since **Feb 2022** partnered with:
 - o **Health Innovation Manchester**
 - o **Macmillan Cancer Support**
 - o **GM Cancer**

This partnership has provided

- ✓ **Strategic alignment** with GM NHS and Industrial partners.
- ✓ **Transparency** across the system, interconnecting silo ways of working.
- ✓ Co-ordinated and supported to **influence innovative working** within:
 - o NHS & Primary Care
 - o Artificial Intelligence
 - o Research / Patient Trials
 - o Education & Workforce
- ✓ Collaboration between other Cancer Alliances, **Academic Health Science Networks (AHSNs)**, Greater Manchester Care Record Transformation such as Personalised Care and Mental Health.

45 Commercial partnerships so far supported in 7 months:



Split into specialisms within the NHS.

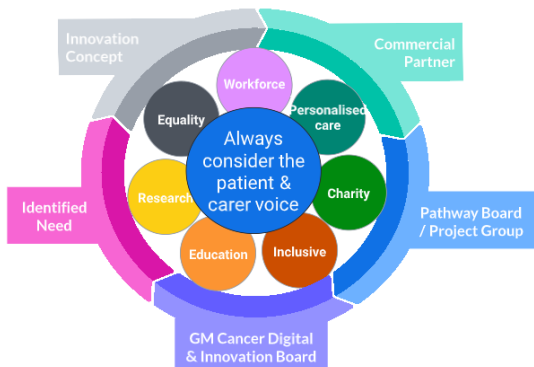
150 hrs of interactions with companies

£1M + investment leveraged (actual and in kind)

66 hrs additional triage for prospective innovations.



Process - Identified Need - Governance - Solutioning - Evaluation



All innovation requests are focused around the patient, carer and system need a true **Personal and Public Involvement (PPI)** co-produced model.

Once partners are successfully triaged they enter a robust governance process for accountability and responsibility.

Innovation Scope:

Working in partnership: with a range of partners who also support the health and care system, industry, and academia. These include but are not limited to NHS England Innovation Cancer, NIHR, Health Education England (HEE); AHSN's, Charities, Pharma.

Supporting Innovators: coordinated approaches to identify, investigate and spread innovations that directly respond to NHS needs. Support innovators and their journey through the health and care system, including working with NHS England and Improvement, and Small Business Research Initiative (SBRI).

Cross-cutting priorities: several underpinning themes include clinical decision support tools, digital and artificial intelligence; patient safety; diversity and inclusion; health inequalities; patient and public involvement and codesign; workforce and education, personalised care.

Successful co-production with patients, carers and partners.



- o Interviewed multiple commercial partners through HInM links
- o Realised benefit of existing provider



- o Collaboration between AHSN, ICS, NHS for all Transformation themes - Mental Health, Dementia, Cardiac, Children's, Maternity...
- o Seat at the operational board to include cancer
- o Sight of digital system priorities



- o AstraZeneca funding
- o Free AI software for 6 mth evaluation
- o Appointment of Business Analyst and Project Manager



- o Macmillan, Roche, R&I & Cancer working cohesively
- o Spotlight on hard to reach patient cohort
- o Pilot software provided to demonstrate efficiencies in recruitment of patients
- o Raising awareness of existing provision -UpSMART, eTARGET, DETERMINE, IQVIA, Ancora, Edge / Rspeak

Innovation	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23
Digital exercise prescription - Exi	1	●	●									
Lung - Qure.AI	2		●				●					●
AI Breast & Colorectal Carcinoma - Visopharm	3	●	●									
eDerma Pathpoint - Open Medical	4	●	●				●					
Health and Wellbeing Portal	5		●									
Heart failure patient held record	6	●	●									
Albert Labs (Mental Health)	7	●	●									
Respect Health	8	●	●									
Spotlight Pathology	9	●	●									
Microsoft Virtual Reality Clinical Pathway	10	●					●					●

- KEY
- Needs identified
 - Solutioning
 - Real world evaluation
 - Paused
 - Closed

This demonstrates the mapping of some of the 45 projects so far – highlighting when the enquiry was received, the need was validated, solutioning began and which projects then went on for real world evaluation to prove value for roll out / Business As Usual (BAU), or were paused / closed.