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Dr Tom Dawson, Physician/Technologist





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CE

CE marked



MHRA registered



Class 1 Medical Device



Patented technology (US patent 980980980990)

NICE

NICE recognised tool for behavioural change



Inbuilt health economic evaluation tool





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Helping People Lead Healthier Lives



Giving people a voice



Putting people in control





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Philosophy of Betterment

Cure, Prevention, Performance



Holistic Determinants of Health

Physical, Mental, Social



Working with stakeholders for better outcomes

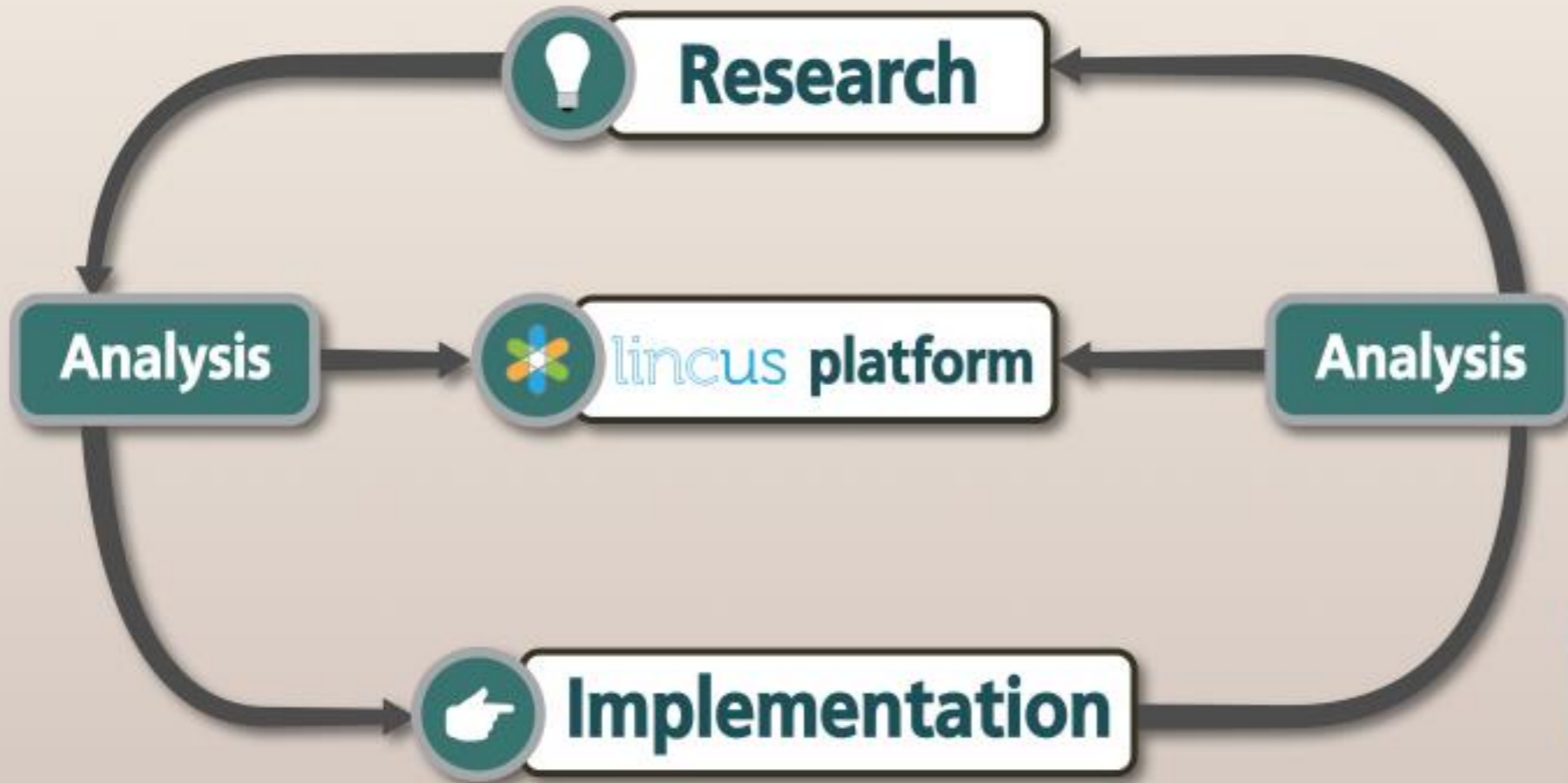
Patients, providers, administrators, commissioners





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- **Lincus is built on the premise that the person who experiences health first hand is the person best qualified to report it**
- **With motivation and support individuals are best placed to manage their conditions**
- **The first step to management is self-report, it also happens to be the most cost efficient way of gathering primary outcome measures**



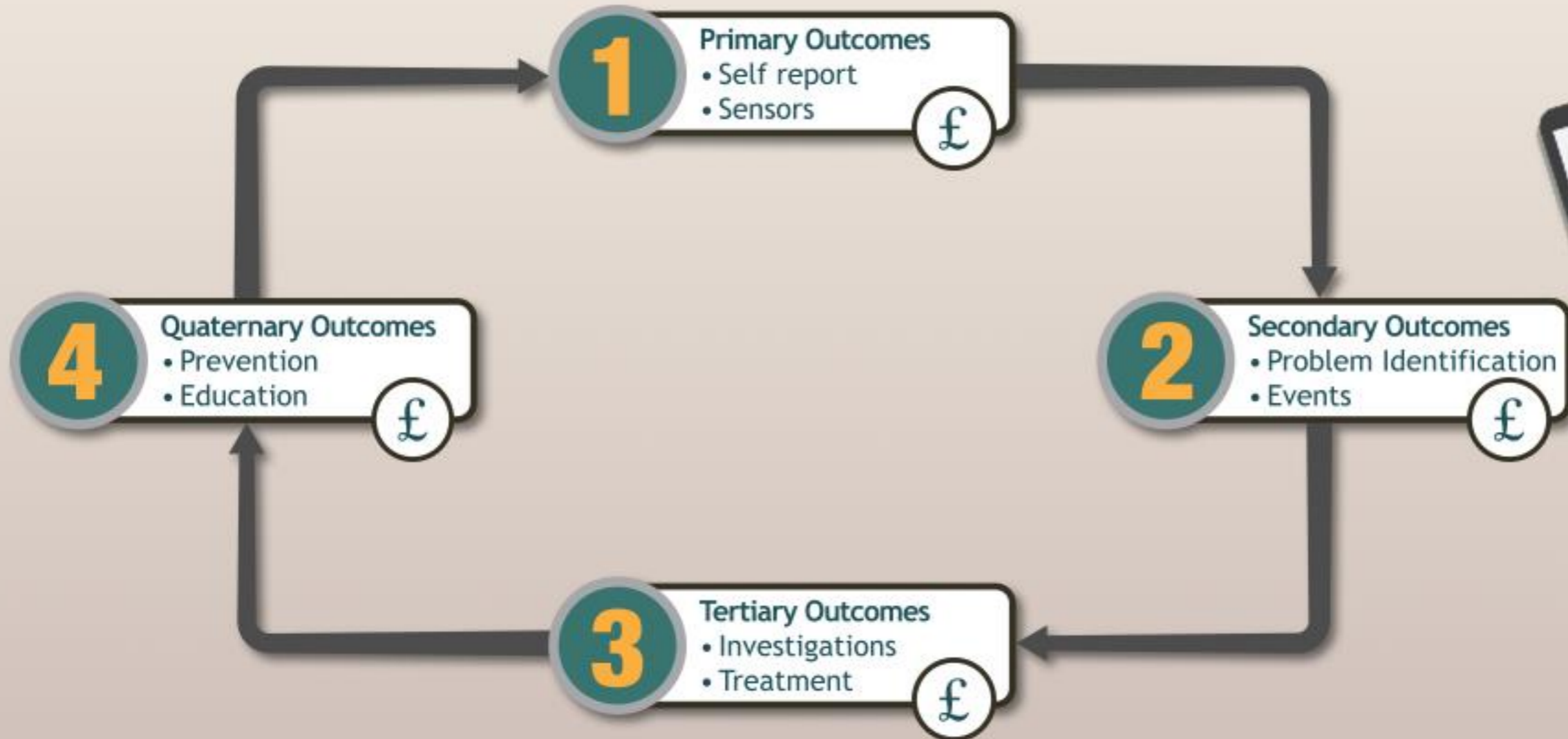


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Integrating Care Delivery with Outcome Reporting





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Improved self-care
Improved shared care
Better outcomes



NICE National Institute for Health and Care Excellence
recognised



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90% Diagnosis is in the history

Prognosis is also in the history





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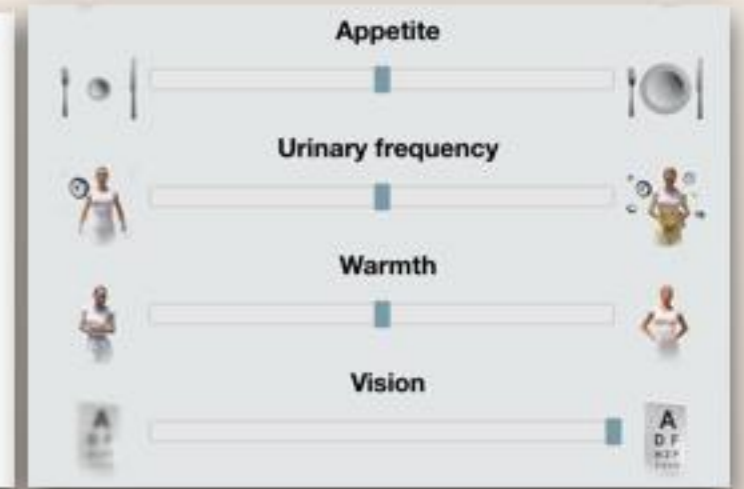
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Evidence for Prognosis

Lancet, 2015

BJSM, 2015





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Lincus captures events and interventions



Please select event category:

- Family and Friends
- Health and Wellbeing
- Lifestyle and Home
- Other
- Work and Education

Please select event group:

- Change in Finance
- Change in Housing
- Change in Nutrition
- Change in Physical Activity Level
- Other

Impact:  



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Guilt free lifestyle tracking



Record Nutrition

Select meal or food type:

Breakfast 	Lunch 	Dinner
Snack 	Drink 	Alcohol

Estimate size:

Estimate healthiness:

Date/time: 14/9/2015 16:36 [Add my location](#)

Enter any notes:
(up to 300 characters)



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Activity tracking



active

Record Activity

Select activity, or combination of activities:

Cardio Strength Flexibility Technical

Select exercise intensity:

Enter duration in minutes:

30

Date/time: 14/9/2015 16:38 Add my location

Enter any notes:
(up to 300 characters)

Store Activity Details

passive















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Multiple clinical measurements



	Pedometer Daily Steps	<input type="text"/>	steps
	Pulse	<input type="text"/>	BPM
	Resting Pulse	<input type="text"/>	BPM
	Systolic Blood Pressure	<input type="text"/>	mmHg
	Diastolic Blood Pressure	<input type="text"/>	mmHg
	Temperature	<input type="text"/>	°C
	Oxygen Saturation	<input type="text"/>	%
	Peak Flow	<input type="text"/>	L/min
	FEV1	<input type="text"/>	%VC
	Blood Glucose	<input type="text"/>	mmol/L

Date/Time: 14/9/2015 16:12 Add the location



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Comorbidities included

Do you have any accessibility requirements?

Vision Impairment Hearing Impairment

Mobility Impairment

Do you have any of the following conditions? (Please select at least one)

<input type="checkbox"/> No Long Term Conditions	<input type="checkbox"/> Unspecified Condition
<input type="checkbox"/> Alcohol Issues	<input checked="" type="checkbox"/> Arthritis
<input type="checkbox"/> Asthma	<input type="checkbox"/> Atrial Fibrillation
<input type="checkbox"/> Bipolar Disorder	<input type="checkbox"/> Cancer
<input checked="" type="checkbox"/> Chronic Obstructive Pulmonary Disease	<input type="checkbox"/> Depression
<input type="checkbox"/> Diabetes (Type 1)	<input checked="" type="checkbox"/> Diabetes (Type 2)

Profile page - conditions

Vision

Joint Pain

Mobility

Strength

Trips/Falls

Bowel frequency

Metabolism & movement

Level of Coughing?

Sputum?

Shortness of Breath

Chest Discomfort

Ankle Swelling

Palpitations

Cardiorespiratory



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Alerts

Configurable alerts

Alerts

My Alerts Add Alert Address Book

Name	Level	Criteria	Resolution Criteria	Recipients
	YELLOW ✖	Blood Glucose value <= 3 mmol/L ✖ Add Criteria	Named Individual ✖	Click the name to select Tom Dawson ✖ Add Contact
Low Blood Gluco	AMBER ✖	Blood Glucose value <= 2.5 mmol/L ✖ Add Criteria	Two People Including Me ✖	Laura Gilbert ✖ Tom Dawson ✖
	Add Level			

Cancel Save

Alerts

My Alerts Address Book

AMBER Low Blood Glucose 14/09/2015 09:22

Name	Email	Verified	SMS	Verified	My alert	Action
Dr Elizabeth Dymond	Elizabeth.dymond@western.net	<input type="checkbox"/>	07940 554095	<input type="checkbox"/>	Tom Dawson	Edit Delete
Laura Gilbert	laura.gilbert@rescontechnologies.com	<input checked="" type="checkbox"/>	N/A	<input type="checkbox"/>	Tom Dawson	Edit Delete
Tom Dawson	tom.dawson@rescontechnologies.com	<input checked="" type="checkbox"/>	07540164355	<input checked="" type="checkbox"/>	Tom Dawson	Edit Delete

Add New Contacts

Alerts

My Alerts Address Book

AMBER Low Blood Glucose 14/09/2015 09:22

Current Alerts

Level	Name	Triggered	Alerted	Resolved
AMBER	Low Blood Glucose	14/09/2015 09:22	Laura Gilbert, Tom Dawson	<input type="checkbox"/>

Alert History

Level	Name	Triggered	Resolved	By
AMBER	Low Blood Glucose	13/09/2015 18:42	13/09/2015 19:53	Laura Gilbert, Tom Dawson, Me





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Companion iOS and Android applications



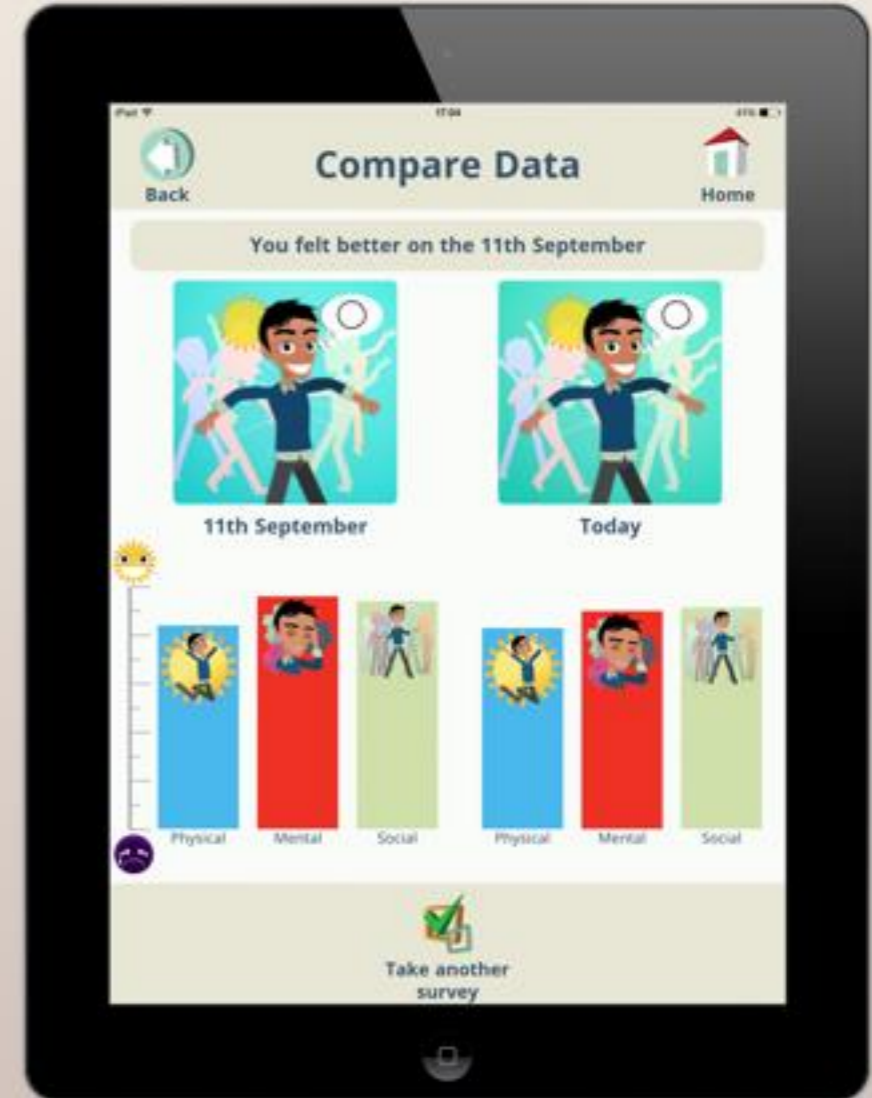


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Companion iOS and Android applications





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Lincus as a global evaluation Tool

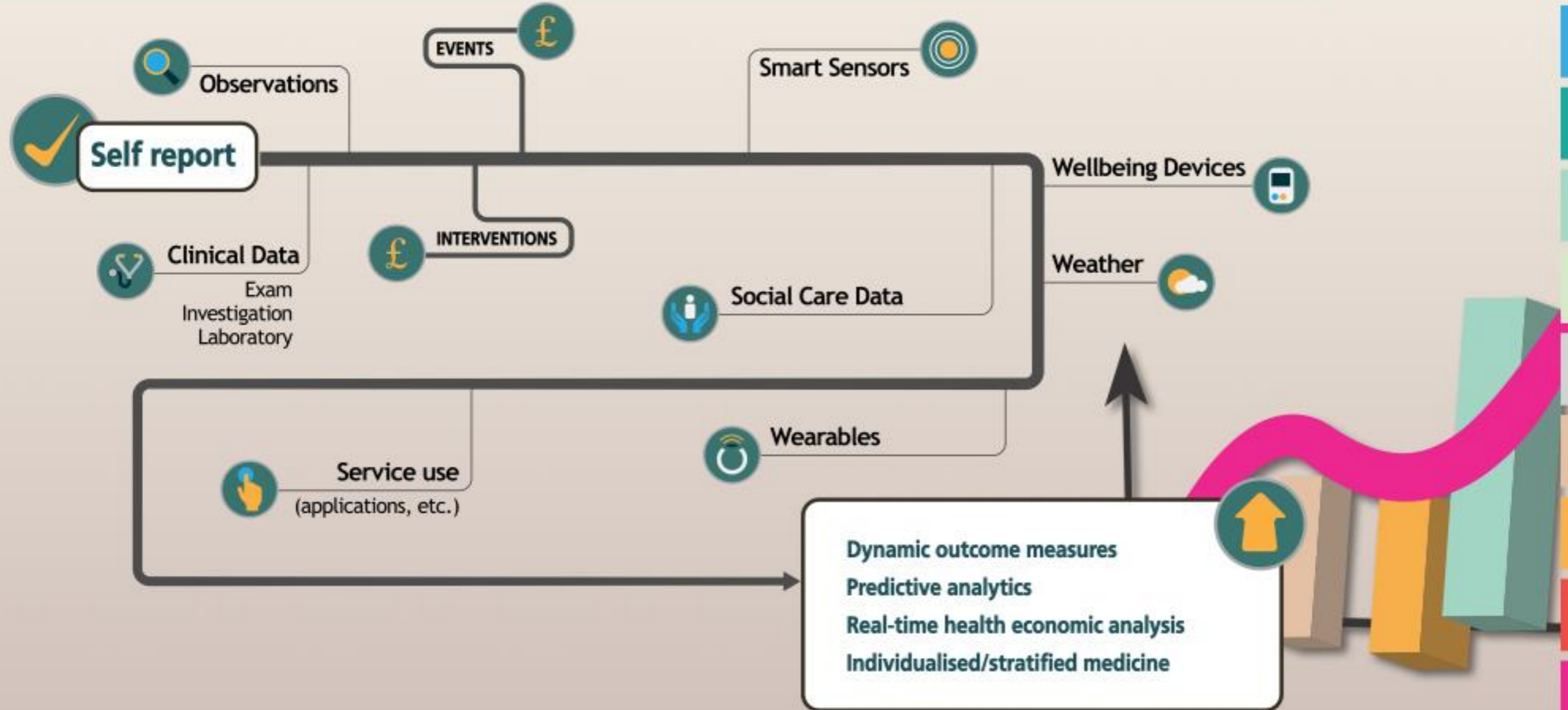
- Open architecture backend
- RAVEN engine
- Genetic Learning and Prediction Algorithms
- Data aggregation and grouping tools
- Evaluation technologies derived from:
 - Quantitative finance industry
 - High energy particle physics
- Real-time analytics and analysis of the impact of:
 - EVENTS
 - INTERVENTIONS





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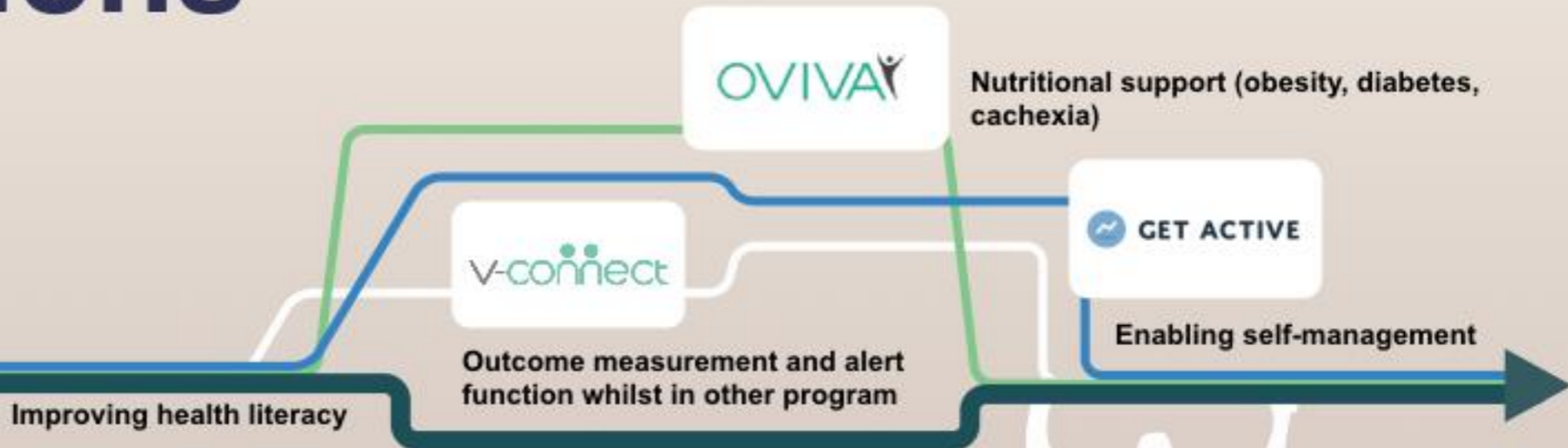


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Integrates with other innovations



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Trials

Liverpool YMCA 2013

Liverpool One Precious Life 2014

HFT Learning Disabilities study 2014 and ongoing



Results

Improved Health and Wellbeing

Increased Perceived Control

Enhanced engagement

More activity

Identification of harmful Interventions

New Diagnoses

Better staff satisfaction

Useful audit tool





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Closing Messages:

Better Care, Lower Costs



Lincus results in better care, improved efficiency and is great value

Lincus allows for improved resource management through better self care, less reliance on centralised care, inbuilt health economic evaluation, and inbuilt auditing for quality of care reporting





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Acknowledgements



Tom Dawson

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