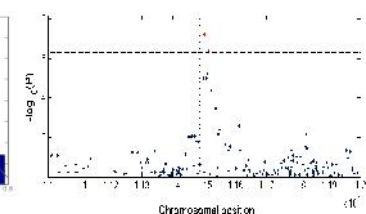
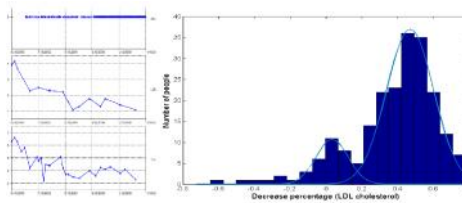
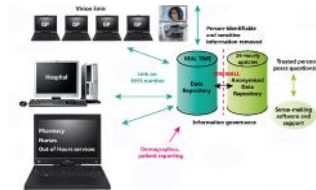
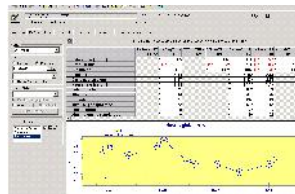


Tools for Health Improvement and Research

Salford and Greater Manchester 2000-2014

- Standalone district-wide diabetes audit system
- Hospital-wide EHR
- Clinical data integrated across district
- Development of CareCall system for diabetes management – proactive contact centre
- First clinical trials performed using integrated data systems to measure outcome
- Data-mining and genomics studies produce first results
- FARSITE developed
- Diabetes prevention program using contact centre developed
- First large-scale real-world trial commences with GSK
- PoC studies commence with Hitachi
- Diabetes prevention program commissioned as a service
- Federation of clinical data across whole of Greater Manchester area commences



Specialist Nurse-Led Intervention to Treat and Control Hypertension and Hyperlipidemia in Diabetes (SPLINT)

A randomized controlled trial
 Jan P. Nolan, PhD¹, Laura M. Wilson, PhD², Richard J. Smith, PhD³,
 Jan M. Moran, PhD⁴, Sara J. Durrant, PhD⁵,
 Sara Durrant, PhD⁵, John A. Walker, PhD⁶,
 Neil Travers, PhD⁷, Jan M. Galloway, PhD⁸
Diabetes Care 2014;37:2220-2225, 2014

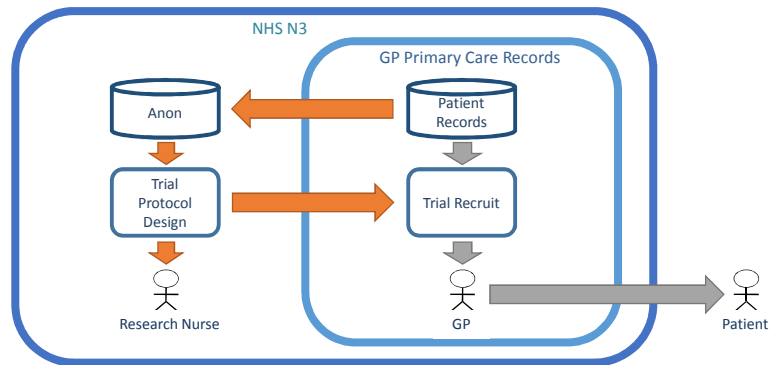
Pro-Active Call Center Treatment Support (PACCTS) to Improve Glucose Control in Type 2 Diabetes

A randomized controlled trial
 Robert J. Young, PhD¹, Emma Bevan²,
 John Taylor, PhD³, Andrew J. Lomas, PhD⁴,
 Thea Brown, PhD⁵, Emma Durrant, PhD⁶,
 Paul H. Jones, PhD⁷, James R. Walker, PhD⁸,
 James M. Manning, PhD⁹, J. Martin Gaziano, PhD¹⁰,
 Frances Lee, PhD¹¹
Diabetes Care 2014;37:2047-2054, 2014



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FARSITE



INTELLIGIBLE

The screenshot shows the INTELLIGIBLE web interface. On the left, there are two panels: 'Protocol Templates' with a 'Load Template' dropdown, and 'Study Overview' with a list of roles: 'test (Creator)' and 'Inuy (Editor)'. The main area displays search criteria under the heading 'Inclusion Criteria (Match All Inclusion Groups)'. It lists three inclusion criteria: 'Diabetes mellitus type 2', 'Coronary Heart Disease (GoF Register)', and 'Measurements'. Below this is an 'Add Inclusion Group' button. The 'Exclusion Criteria' section lists three exclusion criteria: 'Palliative Care (GoF Register)', 'Heart Failure (GoF Register)', and 'Cancer (GoF Register)'. Below this is an 'Add Exclude Group' button. The 'Demographics' section includes fields for 'Age' (Lower Age: 50, Upper Age: --, both in Years), 'Gender' (Any), and 'Ethnicity' (Any).

RAPID RESULTS

Population Total		242,055 people
Inclusion Criteria (Match All Include Groups)		
<input checked="" type="checkbox"/> Include: Asthma Diagnosis	(Running Total)	31,247 people
<input checked="" type="checkbox"/> Include: Short-acting beta2s	(Running Total)	14,425 people
<input checked="" type="checkbox"/> Include: Recent exacerbation of asthma	(Running Total)	6,151 people
Running Total (with duplicate matches removed)		6,151 people
Exclusion Criteria		
<input checked="" type="checkbox"/> Exclude: Salmeterol	(Running Total)	2,431 people
<input checked="" type="checkbox"/> Exclude: Other respiratory disease	(Running Total)	1,645 people
Running Total (with duplicate matches removed)		1,645 people
Demographics		
Age is between 6 and 14	(Running Total)	451 people
Gender is Any		451 people
Ethnicity is Any		451 people
Smoker types: Any		451 people
Recruitment Estimate 		451 people

GP VIEW

Patients identified from the study protocol									
<input type="button" value="Select for Invitation"/> <input type="button" value="Export Selected"/> <input type="button" value="Edit Opted Out (This Practice)"/>									
Show 25 entries									
Selected for Invitation	NHS Number	Title	First Name	Family Name	Birth Date	Address	Filter: Available Patients		
							Opt Out		
							This Study	All Studies	
<input checked="" type="checkbox"/>	123-123-123-0	Mr	Bob	Smith	1965	123 High Street, Trafford, M33 8PE	<input type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	123-123-123-0	Mr	Bob	Smith	1964	123 High Street, Trafford, M33 8PE	<input type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	123-123-123-0	Mr	Bob	Smith	1967	123 High Street, Trafford, M33 8PE	<input type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	123-123-123-0	Mr	Bob	Smith	1958	123 High Street, Trafford, M33 8PE	<input type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	123-123-123-0	Mr	Robert	Jones	1935	54 High Street, Trafford, M56 7MU	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	123-123-123-0	Mr	Robert	Jones	1941	54 High Street, Trafford, M56 7MU	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	123-123-123-0	Mr	Bob	Smith	1960	123 High Street, Trafford, M33 8PE	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	123-123-123-0	Mr	Bob	Smith	1969	123 High Street, Trafford, M33 8PE	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	123-123-123-0	Mr	Robert	Jones	1953	54 High Street, Trafford, M56 7MU	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	123-123-123-0	Mr	Robert	Jones	1946	54 High Street, Trafford, M56 7MU	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	123-123-123-0	Mr	Mickey	Moose	1973	1 Another Road, Trafford, M49 2NU	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	123-123-123-0	Mr	Mickey	Moose	1973	1 Another Road, Trafford, M49 2NU	<input type="checkbox"/>	<input type="checkbox"/>	

Showing 1 to 12 of 12 entries

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An Introduction to the Salford Lung Study



SUMMARY

- The Salford Lung Study is a world-first “real-life” clinical effectiveness study and will provide valuable information about how to conduct real-world effectiveness studies in future
- In future patient reported information from mobile devices will contribute to these records
- With our partners we are creating an integrated federated clinical information platform to support the evaluation of medicines, devices, diagnostics and novel preventative and ongoing care systems



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NHS Foundation Trust

NHS
Salford Clinical Commissioning Group

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NWEH
NorthWest EHealth

GREATER MANCHESTER
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HEALTH
SCIENCE
NETWORK

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