

# Diabetes Research Network

Des Johnston  
Imperial College, London

# UK Clinical Research Collaboration



- Establish NHS as “world leader” in research
- Improve national health and wealth
  
- Collaborations
  - Government
  - Voluntary sector
  - Patients
  - Industry

# Why should we care? Funding of R&D

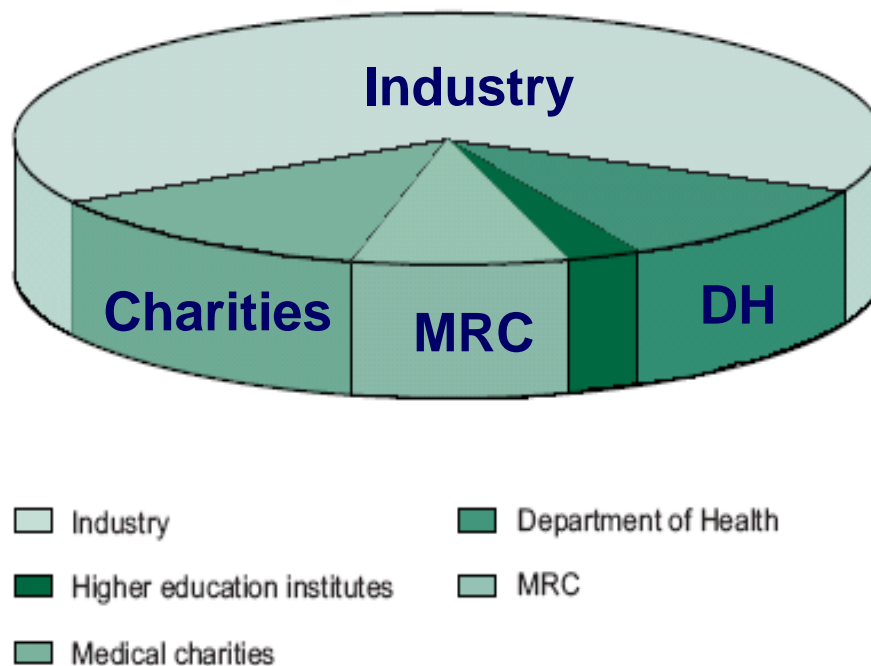


Figure 1. Funding of health-related R&D<sup>16</sup>

House Select Committee  
Report 3/05

# What is the UKCRC?

- **The UKCRC is a partnership of organisations working with key stakeholders to effect change**
- **The UKCRC is also a new way of working**



# UK Clinical Research Collaboration



- Clinical research networks
- Experimental medicine
- Clinical research programme
- Research workforce (including academic medical careers)
- Regulation

# UK Clinical Research Network (UKCRN)

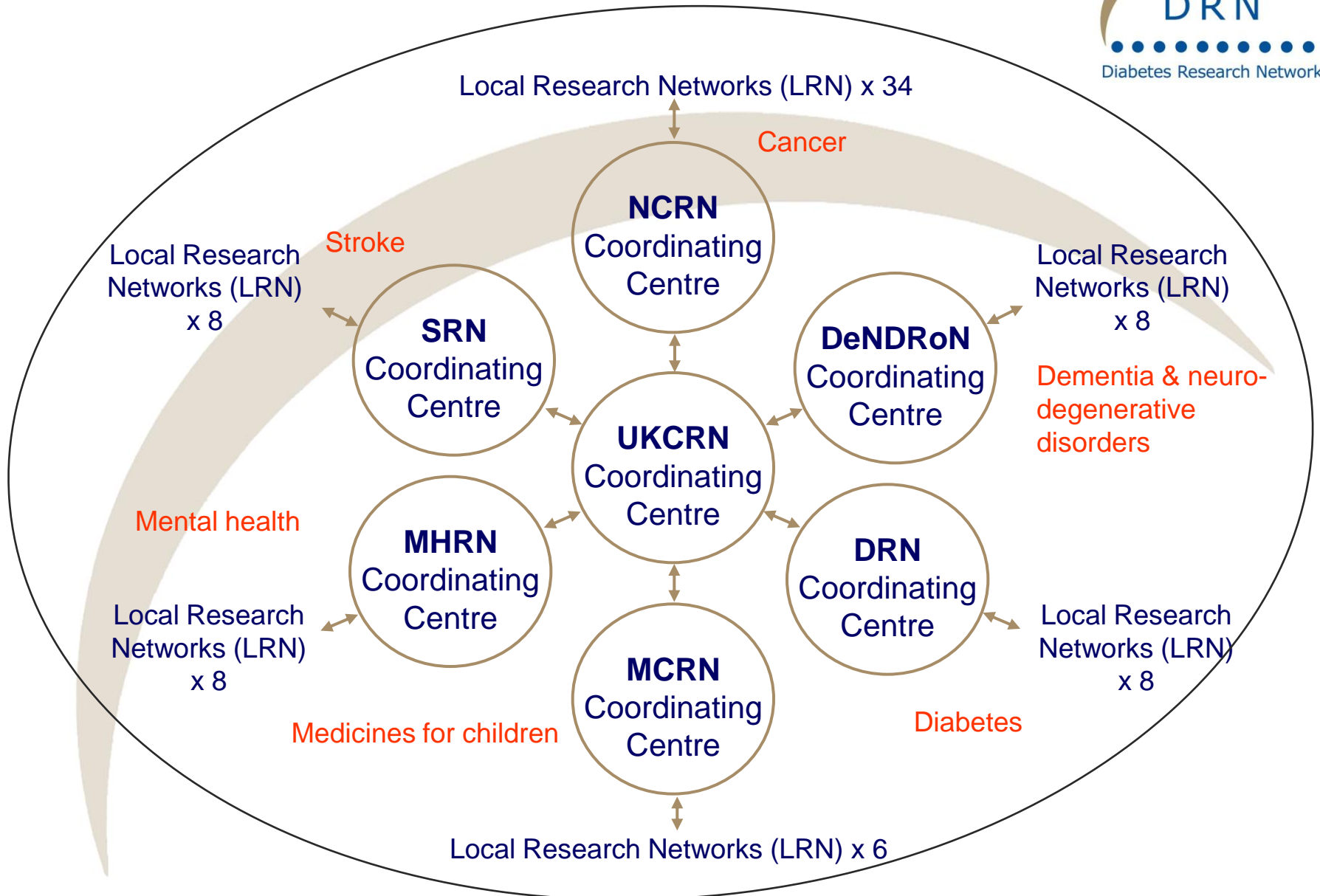


- **NHS Infrastructure (research staff, nurses etc.)**
- **Currently 8 networks**
- **UKCRN to be UK-wide**
- **Working with industry - Industry Roadmap Group**
- **Interfaces with funders**

# Background to creation of topic specific networks

- Designed to support optimal approaches to prevention, diagnosis and treatment (emphasis on clinical trials)
- Topic-specific networks in cancer, diabetes, stroke, neurodegenerative diseases, mental health, medicines for children
- Each has its own Co-ordinating Centre
- Primary Care Research Network
- Comprehensive Research Network

# UKCRN Topic Networks



# Why diabetes?

- Affects 4.7% of population of England (2.35 million; diagnosed + undiagnosed)
- Diagnosed diabetes doubled 1994-2003
- Type 2 diabetes 92% of total

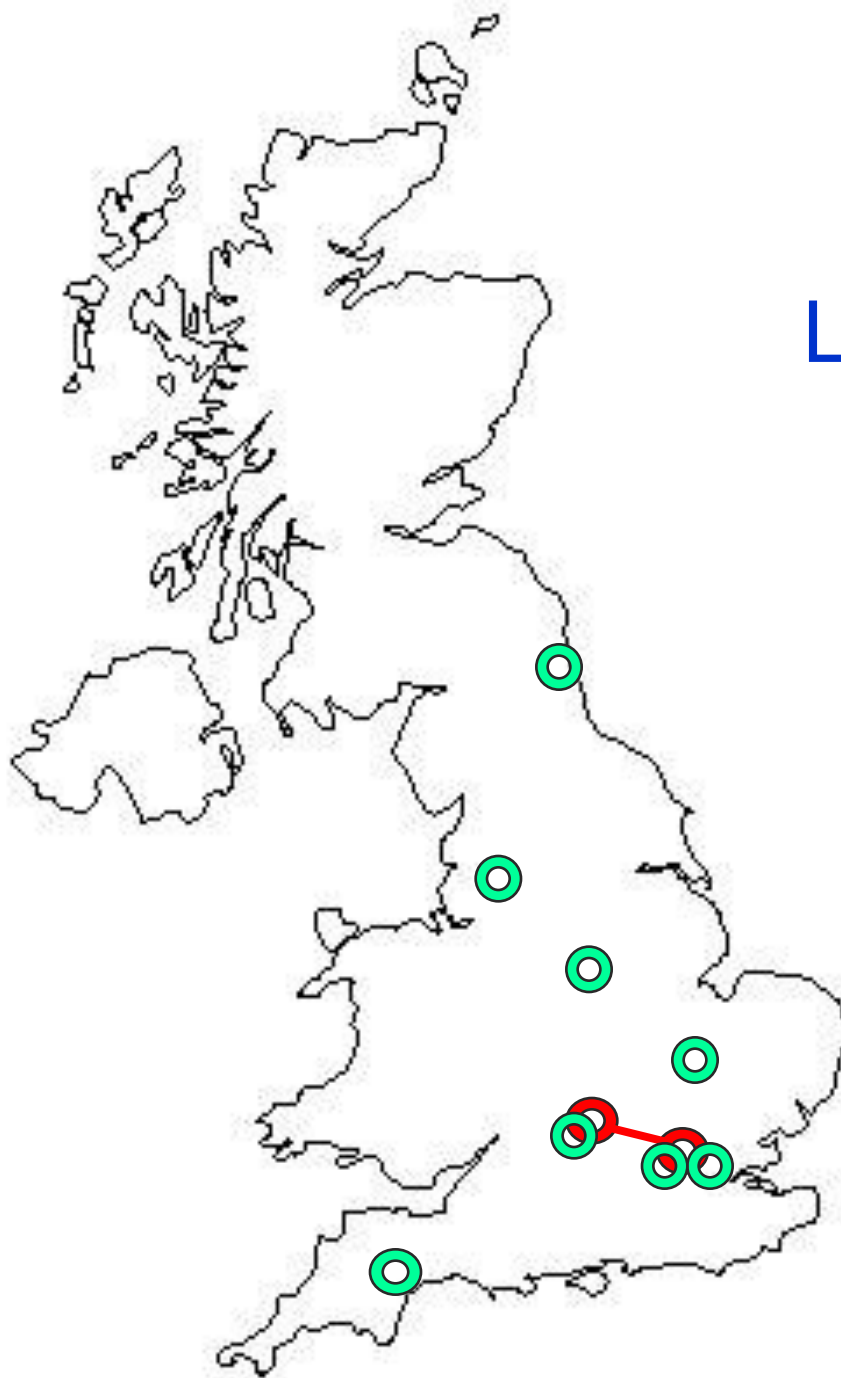
*NHS, NDST: March 2006*

# Diabetes Research Network



- To facilitate trials and other studies
- Commercial and non-commercial
- Support National Service Framework
- Central Co-ordinating Centre – led by Imperial College & Oxford University
- Managed set of 8 Local Research Networks across England

# Local Research Networks



- SW Peninsula
- Thames Valley
- North West London
- North East London
- Eastern England
- South East Midlands
- North West
- North & East Cumbria

# Local Research Network Resources

- primary and secondary care.
- consultant and GP sessions,
- research staff,
- managerial, administrative
- other support costs (e.g. pharmacy etc).

# Achievements in clinical trials in first 3 years

- Engagement and activity
  - 23 companies
  - 71 trials for review/adoption

# Achievements in clinical trials in first 3 years

## Bringing added value

- Recruitment to and beyond target
- Speed of study start up
- Finding additional sites

# Achievements in clinical trials in first 3 years

## Infrastructure

- ADDRESS for type 1 diabetes
- models for research in primary care

# Involvement of people with diabetes and the public

- More than 600 people in contact
- Literature produced and translated
- Toolkit created
- Glossary
- People on Committees

# The Network – Types of Research

- Clinical treatment trials
- Pharmacovigilance
- Technology assessments in real world
- Prevention studies
- Epidemiology
- Population genetics
- Pharmacogenetics
- Health Care Delivery
- Health Economics

# Where to find more information

- [www.UKDRN.org](http://www.UKDRN.org)
- [DRNinfo@imperial.ac.uk](mailto:DRNinfo@imperial.ac.uk)