

# NICRN (Stroke)

Joint Clinical leads

Dr Michael Power (SEHSCT-UH)

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# NIHR SRN-Established in UK 2005

Network	Population millions
North East SRN	2.55
North West SRN	6.86
South West SRN	5.05
South East SRN	8.81
Thames SRN	10.13
Trent SRN	7.61
West Midlands SRN	5.33
Yorkshire SRN	3.76
<b>NICRN (Stroke)</b>	<b>1.80</b>
Scottish SRN	5.60
Wales SRN	2.90

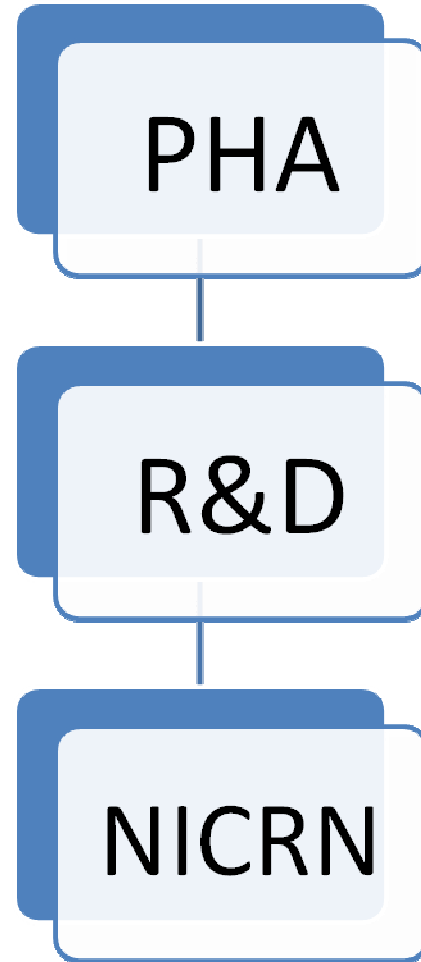


# NICRN (Stroke)

## NI Clinical Research Network(NICRN)

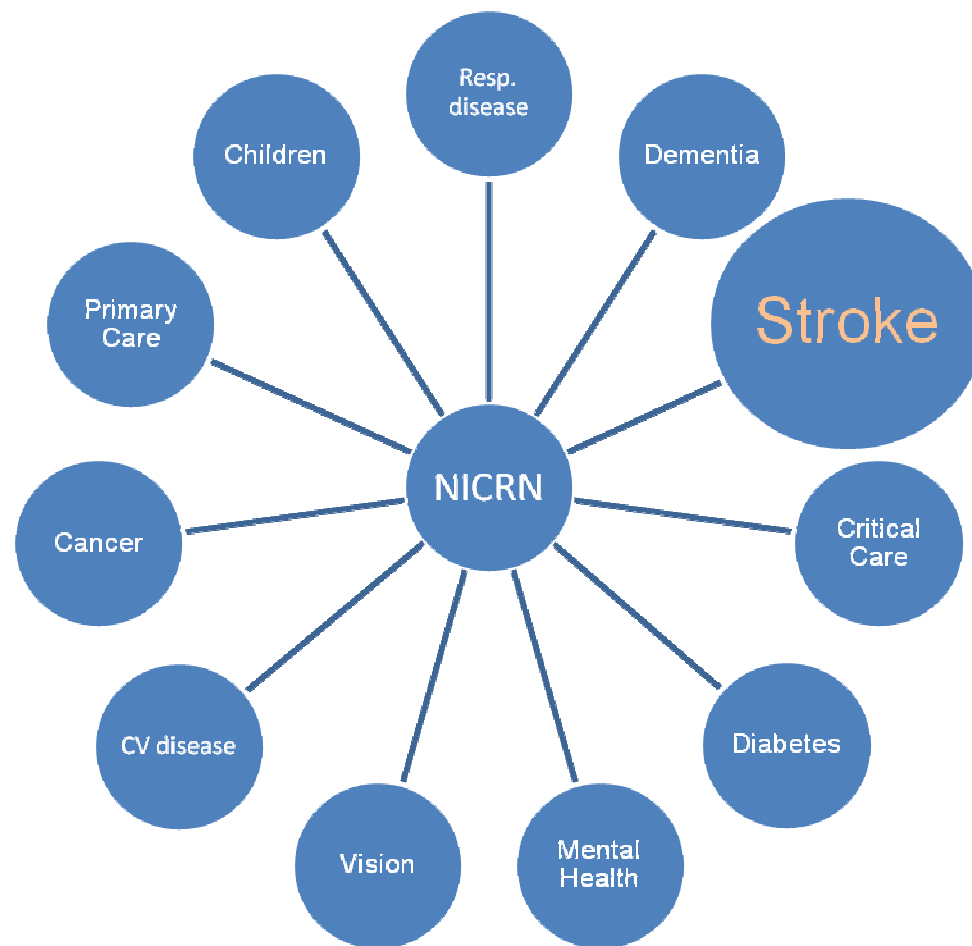
- Approved by R&D July 07
- Co-chairs: Dr M Power, Dr S Lennon
- Part of NICRN network
- Funding: research nurses, support for co-chairs
- Admin support shared with other networks

# Structure



Prof. Ian Young  
(Director)

# NICRN



# Why NICRN (Stroke)?

- Enhance local stroke research capability
- Enhance NI participation in national / international stroke research
- Increase national collaboration in stroke research initiated in N.I.
- Improve coordination and quality of N.I. stroke research

# Priorities for NICRN (Stroke)

- Build research capacity
- Improve research support
- Maintain close links with NIHR SRN
- Develop a 'research culture'
- Ensure patient/carer involvement

# Research support

## 4.5 Stroke Research Nurses

- 4 trusts have 1WTE research nurse  
[BHSCT; NHSCT (2x 0.5 WTE); SHSCT; SEHSCT]
- 1 trust has 0.5 WTE research nurse (WHSCT)
- 1 session each for co-chairs
- Admin support limited, shared with other networks

# NICRN (stroke) adopted studies

- **ENOS** (Efficacy of Nitric Oxide in Stroke trial)
- **LOTS** (LOnger-Term Stroke care)
- **AVERT** (A Very Early Rehabilitation Trial)
- **TNA** (Transient Neurological Attack)
- **SOS** (Stroke Oxygen Study)
- **IST-3** (International Stroke trial 3)
- **NMES** (Neuro-Muscular Electrical Stimulation)
- **IRIS** (Insulin Resistance Intervention after Stroke)
- **Carers Study** (closed)

# NICRN Portfolio(n=8)

Study	No. of sites
<b>ENOS</b>	6
<b>LOTS</b>	5
<b>AVERT NI</b>	5
<b>TNA</b>	3
<b>SOS</b>	5
<b>IST 3</b>	2
<b>NMES</b>	1
<b>IRIS</b>	1

# Stroke recruitment up to Sept 11

STUDY	RCT	Status	Start Date	Accrual	(Accrual as % of target)
ENOS	Yes	open	Feb 09	17	27%
LOTS	Yes	closed	Aug 09	93	97%
AVERT	Yes	open	Oct 09	40	50%
TNA	No	open	July 09	145	47%
SOS	Yes	open	Sept 10	29	24.8%
IST-3	Yes	closed	Nov 09	5	67%
NMES	No	open	Nov 10	19	99%
IRIS	Yes	open	Aug 10	6	88%
PERFORM	Yes	closed	April 2007	47	100%

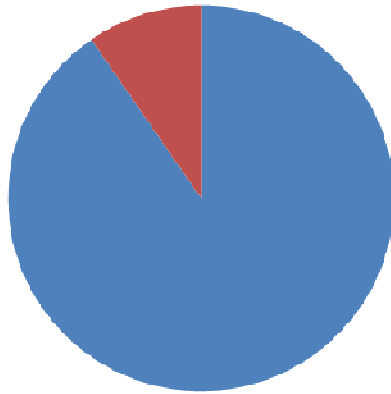
# Stroke recruitment by site (up to Feb 11)

	ALT	Erne	AAH	CAH	DHH	BCH	UHD	No screened	Total
ENOS	1		8	1	0		2	2030	12
LOTS		27		33	32			616	92
AVERT			2			11	12	1179	25
TNA			3	5	2	69	49	893	121
SOS			4				7	1179	18
IST-3						4		70	4
NMES						6		68	6
IRIS							7	598	7
Total	1	27	17	39	34	90	77		

# Annual Network Recruitment

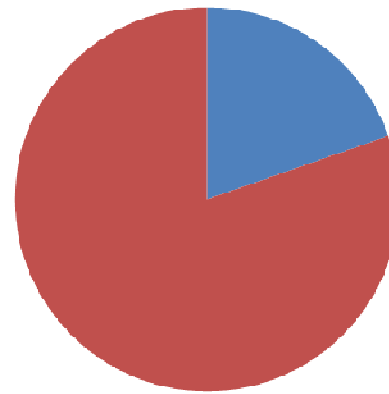
Network	Total 08	Total 09	Total 10	Total 11 (to date)	Grand total
<b>NICRN</b> 1.8 million	52	56	226	106	440
<b>Wales</b> 2.9 million	40	71	182	141	434

**2008**



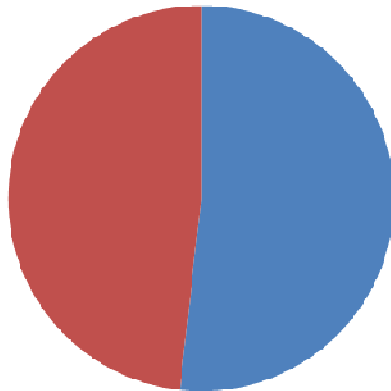
■ Randomised  
■ Non Randomised

**2009**



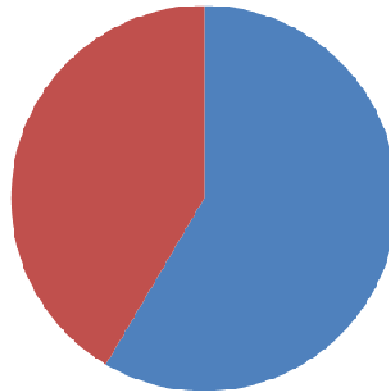
■ Randomised  
■ Non Randomised

**2010**



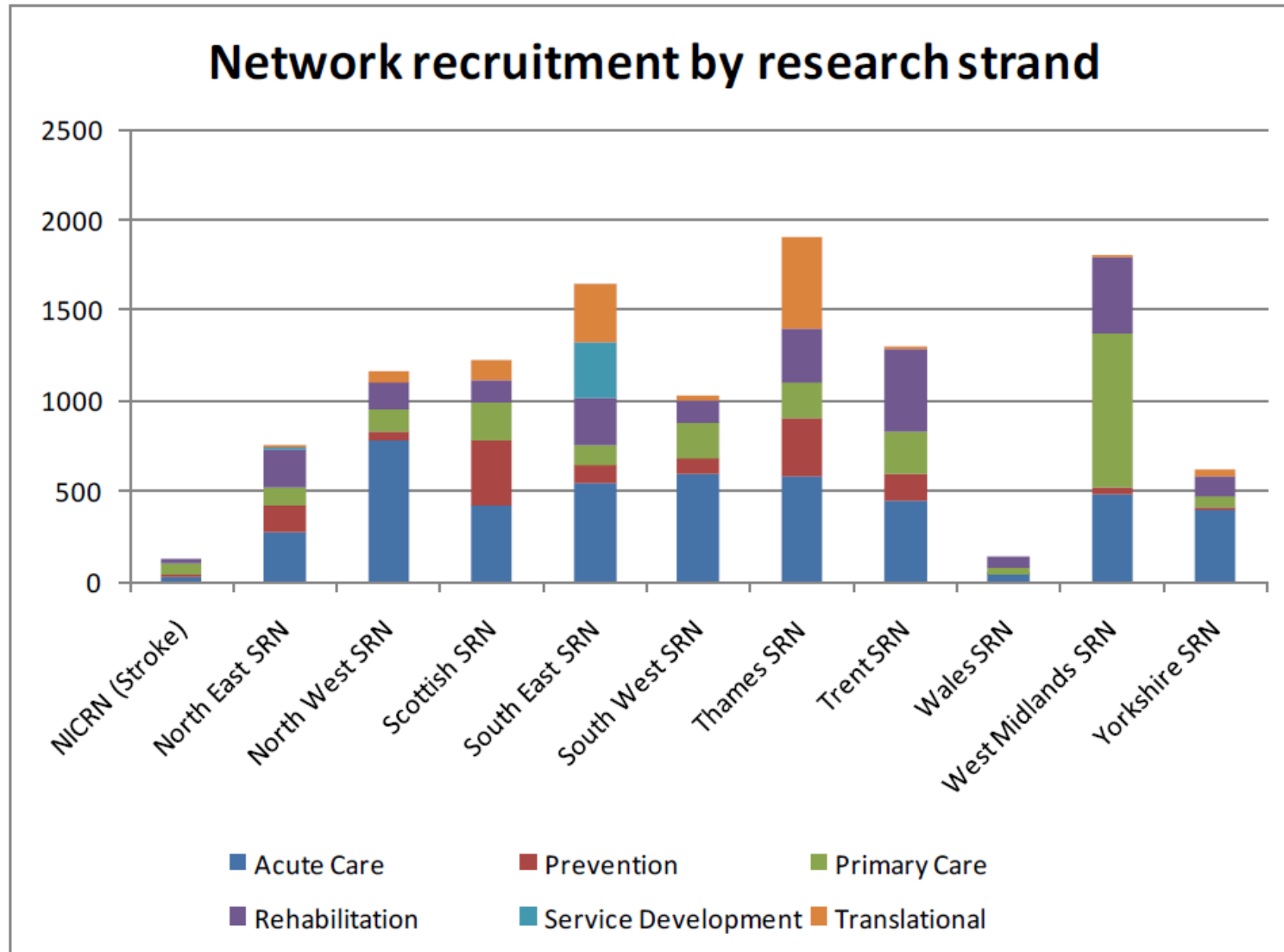
■ Randomised  
■ Non Randomised

**2011**



■ Randomised  
■ Non Randomised

# NIHR SRN recruitment



# What has NICRN (Stroke) achieved so far?

- Drive and enthusiasm to make network a reality!
- Establish close link with NIHR SRN
- Funding for research nurses
- Improving levels of accrual
- PPI listening events
- Clinical Scientist post in Stroke

# What can we do better?

- Get whole stroke team 'research friendly'
- Need 'Champions' of Stroke research
- Need to pick studies we can deliver on
- Be realistic what we can deliver
- Need to consider our own research priorities
  - Focus groups/writing groups
  - Build alliances : UU, QUB, others

# Summary

- Encouraging start to NICRN (stroke)
- Need year on year improvement in recruitment (except for this year)
- Concentrate on high quality studies (mostly RCTs)
- Look at opportunities for N.I. initiated studies and work to our strengths

# New beginnings for Sheila!



# On line resources

- <http://www.nicrn.hscni.net/>
- <http://www.uksrn.ac.uk/>
- [www.vts.intute.ac.uk](http://www.vts.intute.ac.uk)  
Free online tutorials for health care professionals for internet research skills
- [www.stroketraining.org](http://www.stroketraining.org)  
STARs project (Scotland): competencies
- [www.chss.org.uk/links/ssnf/ssnf.shtml](http://www.chss.org.uk/links/ssnf/ssnf.shtml)  
Knowledge & skills for nurses



# NIMAST Conference 2011

## The Stroke Journey

21<sup>st</sup> October 2011

Lagan Valley Island Centre