

Research Within The NHS

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Early Phase Trials Integration

Richmond Pharmacology Seminar

31 October 2005

Overview

- Importance of Research to the NHS
- Support for Clinical Research
- NHS Research Strategy
- Research at St George's

NHS R & D

- Health Services Research
- Clinical Trials of Medicines
- Epidemiology
- Public Health Research
- Devices Research

Support for NHS Research

- UK Government
- European Community / Commission
- Industry
- Charities
- Overseas Governments
- International Agencies

40% of Research Projects are industry-sponsored clinical trials

Developments in the NHS - 1

- PICTF ("Pharmaceutical Industry Competitive Task Force")
- Academy of Medical Sciences Report
- BIGT Report (Bioscience Innovation and Growth Team)
- UKCRC (UK Clinical Research Collaboration)
- Formation of UKCRN and Clinical Research Facilities

Developments in the NHS - 2

- Research Governance Framework
- Regulation and Legislation
- NHS R & D Strategy ("Best Research for Best Health")

UKCRC - 1

Purpose:

To re-engineer the environment in which clinical research is conducted in the UK

Aims:

To establish the position of the UK as a world leader in clinical research by harnessing the power of the NHS

To benefit the public and patients by improving national health and increasing national wealth

UKCRC - 2

Activities:

- Build up the Infrastructure
- Co-ordinate Clinical Research Funding
- Build up the Research Workforce
- Build Incentives for Research in the NHS
- Streamline the Regulatory and Governance processes

UKCRN

UK Clinical Research Networks

- National Cancer Research Networks
- Dementias and Neurodegenerative Disease Research Network
- Diabetes Research Network
- Medicines for Children Research Network
- Mental Health Research Network
- Stroke Research Network

Regulation and Legislation - 1

- Research Governance Framework
- Medicines for Human Use (Clinical Trials) Regulations 2004

Regulation and Legislation - 2

Implications:

- Local interpretation
- Managing all types of research
- Registration and approval system
- Identified Sponsor
- Contracts
- Indemnity
- Patient information
- Monitoring

NHS National Health Research Strategy

“Best Research for Best Health”

Key Proposals:

- National Institute for Health Research
- Faculty - Senior & Junior Investigators, Associates
- Academic Medical Centres
- Technology Platforms
- New Funding Schemes

St George's Healthcare NHS Trust - 1

Three Hospitals:

- St George's Hospital, Tooting
- Bolingbroke Hospital, Battersea
- Wolfson Neuro-Rehabilitation Centre, Wimbledon

St George's NHS Healthcare Trust - 2

Profile:

- Annual Budget > £330M
- Over 5,00 Staff including 2,500 Nurses and 800 doctors
- Over 1,000 Beds
- 27 Operating Theatres

St George's Healthcare NHS Trust - 3

Activity 2004 / 2005:

- 4,300 babies delivered
- 28,000 women screened for breast cancer
- 49,000 operations
- 96,300 patients treated in A & E
- 181,600 X-rays, Ultrasound, MRI and CT scans
- 393,000 outpatient appointments

St George's Healthcare NHS Trust - 4

Research Base:

- Academic Partnership with St George's, University of London
- Academics with Joint Appointments or Honorary Contracts
- Director of Research and Development
- R & D Committee

St George's Healthcare NHS Trust - 5

Joint Research Office with St George's, University of London

NHS Trust R & D Team:

- Head of Research, Development and Enterprise
- R & D Co-ordinator
- R & D Assistant
- Research Governance Co-ordinator

St George's Healthcare NHS Trust - 6

Research Activities at St George's:

- 2005/06 NHS R&D Support Funding = £7.3m
- Approx. 300 Active Research Projects hosted by the Trust
 - 170 Active Clinical Trials
- Key Clinical Research Specialties Include:
 - Stroke and Neuro-Rehabilitation
 - Cancer Therapies and Vaccines
 - Women and Children's Health
 - HIV/AIDS Research
 - Musculoskeletal Disease and Rheumatology
 - Coronary Heart Disease

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