

# The Imperial Centre for Patient Safety and Service Quality

## Clinical Risk Unit (1995-2002) Clinical Safety Research Unit (2002-

- Why do people sue their doctors: an empirical study (Lancet, 1994)
- Investigation and analysis of clinical incidents (BMJ, 2000)
- Understanding and responding to adverse events (NEJM, 2003)
- Adverse events in hospitalised patients in the UK: a retrospective record review (BMJ, 2001)
- Systems approaches to surgery (Annals of Surgery, 2004)
- Is healthcare getting safer? (BMJ, 2008)

## Projects and Funding (CSRU)

- Patient safety centre - **NIHR**
- Journey to Safety - **Health Foundation**
- Communication & teamwork in operating theatre - **EPSRC**
- Risk assessment – **EPSRC / MRC Grand Challenge**
- ICT services – **EPSRC / MRC Grand Challenge**
- Elderly Care - **Dunhill Medical Trust**
- Parental vaccine decisions – **HPA**
- Surgical checklist – **WHO**
- Design of resuscitation trolley - **Wellcome Trust**
- Designing out medical error – **EPSRC**

## Centre for Patient Safety & Service Quality

- Comprises a highly specialised set of research groups, which collectively aim to improve patient safety and the quality of service within the NHS
- Partners include Clinical Safety Research Unit, Dr Foster Unit, The Centre for Medication Safety and Service Quality, Imperial Infection Control
- £4.5 million Grant awarded to Imperial College Healthcare NHS Trust by NIHR for 5 years from 2007

## CPSSQ – Research Themes

- Organisation and Management
- Using information to drive quality and safety
- Design and evaluation of technology for quality and safety – medicines and infections
- Decision making and patient perspectives
- Elderly care and A&E
- Education and training
- Safety in Surgery

# People

Director:

- Prof Charles Vincent (CSRU)

Programme Leads

- Dr Paul Aylin (Dr Foster Unit)
- Prof Bryony Dean Franklin (Centre for Medication Safety and Service Quality)
- Ann Jacklin (Imperial NHS Trust & School of Pharmacy)
- Mr Krishna Moorthy (Imperial College)
- Dr Alison Holmes (Imperial NHS Trust)
- Sandra Iskander (Centre Manager)

# The CPSSQ Team

- Charles Vincent
- Paul Aylin
- Bryony Dean Franklin
- Ann Jacklin
- Mr Krishna Moorthy
- Alison Holmes
- Nick Sevdalis
- Maria Woloshynowych
- Sandra Iskander
- Jonathan Benn
- Susan Burnett,
- Anam Parand
- Anna Pinto
- Carmen Tsang
- Alex Bottle
- Will Palmer
- Monsey Chan
- Bo Ye
- Nick Barber
- Kathy Bamford
- Mary Hickson
- Amit Vats
- Kamal Nagpal
- Sonal Arora
- Sergio Sawh
- George Hanna
- Damien Forrest
- Katrina Brown
- Rachel Davis
- Ros Jacklin
- Andrea Smith
- Melody Ni
- Rachel Massey
- Emma Redfern
- Ruth Shanley
- Susy Long
- Sally Adams
- Mark Sacks
- Eleanor Murray
- Anne Hall
- Anne Mottram

CPSSQ

Using Information to Drive Quality And Safety (P1)

Paul Aylin

Carmen Tsang

Vacant RA Post

Alex Bottle

Will Palmer

Design And Evaluation Of Technology For Quality And Safety: Medicines & Infection (P2)

Alison Holmes, Ann Jacklin & Bryony Franklin

Monsey Chan

Bo Ye

Nick Barber

Kathy Bamford

Mary Hickson

Surgery (P3&4)

Krishna Moorthy

Amit Vats

Kamal Nagpal

Sonal Arora

Sergio Sawh

Damien Forrest

George Hanna

Decision Making & Patient Perspective (P3)

Nick Sevdalis

Katrina Brown

Rachel Davis

Ros Jacklin

Andrea Smith

Melody Ni

Rachel Massey

Care Of The Elderly & A&E (P3&4)

Maria Woloshynowych & Charles Vincent

Emma Redfern

Ruth Shanley

Susie Long

Maisie

Sarah Bryce

Diane Ames

Ruth Brown

Bob Wears

Education & Training (P3)

Charles Vincent

Graham Neale

Krishna Moorthy

Sally Adams

Maria Woloshynowych

Mark Sacks

Organisation & Management (P5)

Charles Vincent

Susan Burnett

Jonathan Benn

Sandra Iskander

Anam Parand

Anna Pin

Alison Holmes

Eleanor Murray

Anne Hall

Anne Mot

## Partner Units: Dr Foster Unit

- Dr Paul Aylin
- Literature review on patient safety research indicators
- Developing and evaluating information systems based on routinely collected data for safety and quality to assist clinicians and managers
- Aim to extend the range, quality and sophistication of current data on safety and quality in the NHS
- Will monitor and evaluate the use of information on quality and safety
- Working closely with Imperial College NHS Trust and other NHS organisations – e.g. NHS Choices

## Partner Units: Centre for Medication Safety

- Prof Bryony Dean Franklin
- Focus on evaluation of technology relating to medicines:
  - an evaluation of an electronic prescribing / barcode administration system
  - the evaluation of smart infusion pumps
  - an evaluation of two automated dispensing systems
  - the comparison of the impact on prescribing errors of two different electronic prescribing systems.
- Other aspects of research include
  - analyses of human factors issues in medication errors,
  - development and evaluation of an interactive medication safety teaching package;