

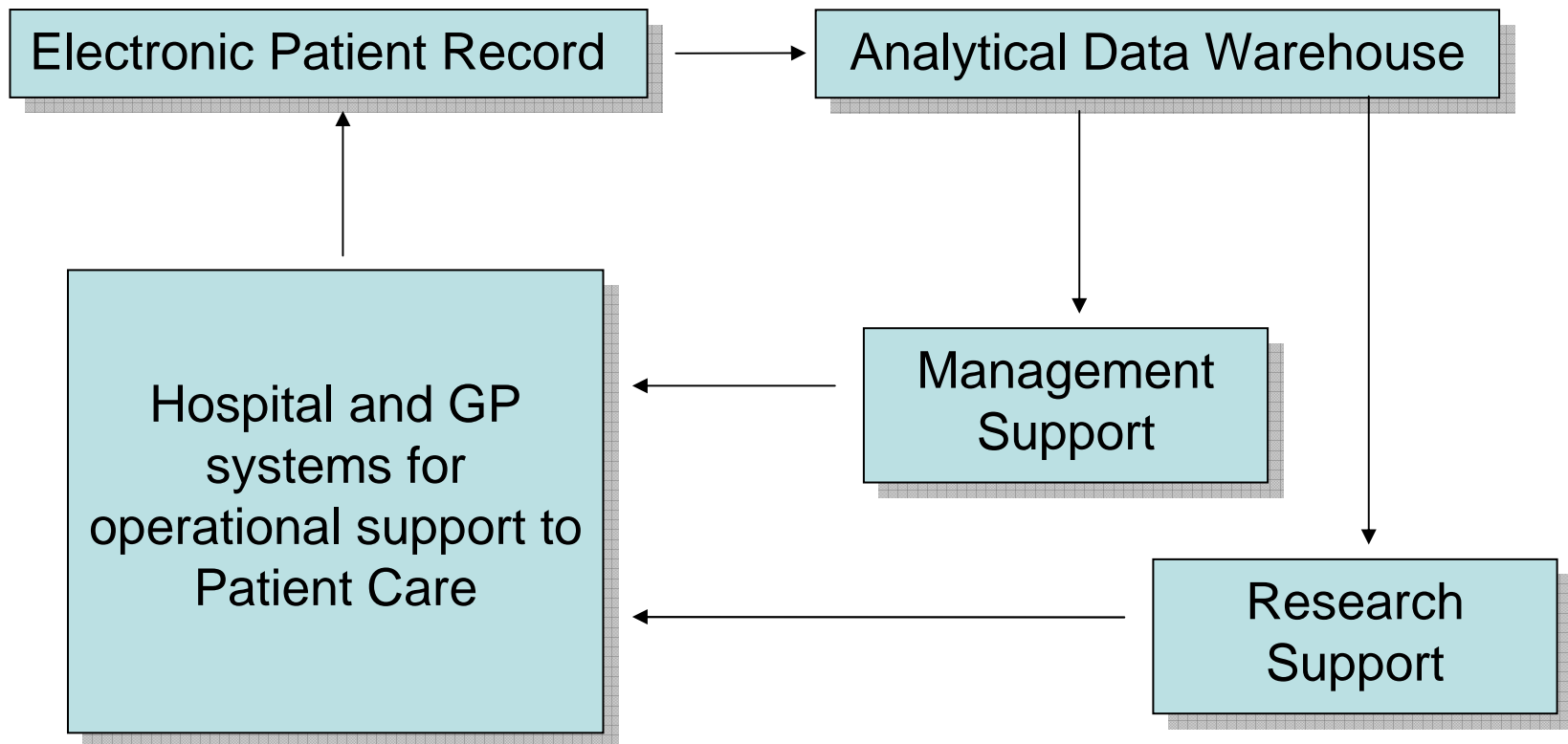
Digital Curation and Health Informatics

Dr Jo Milan

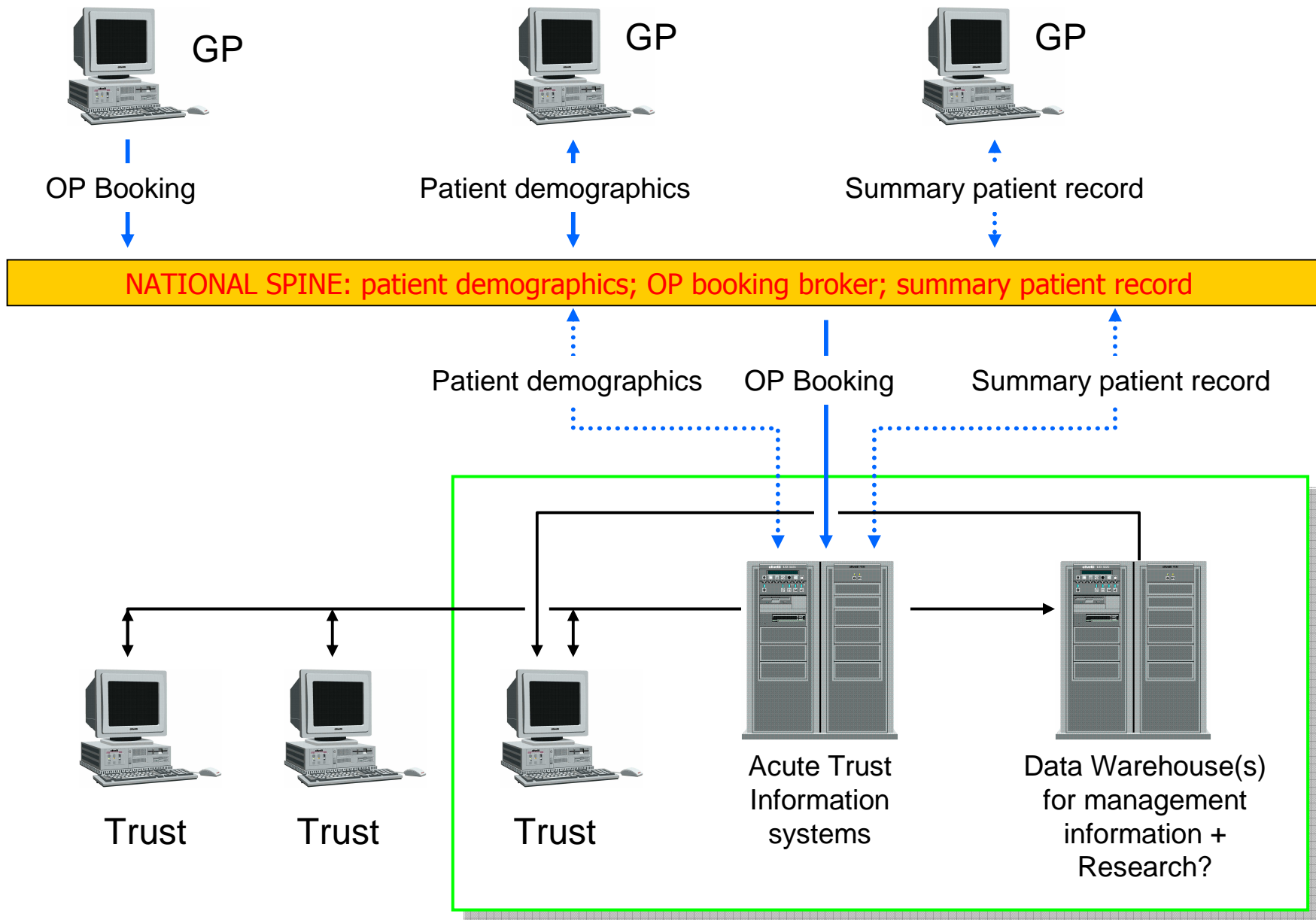
CHIME, Centre for Health Informatics and
Multiprofessional Education, UCL

Former Director of Information,
The Royal Marsden NHS Foundation Trust

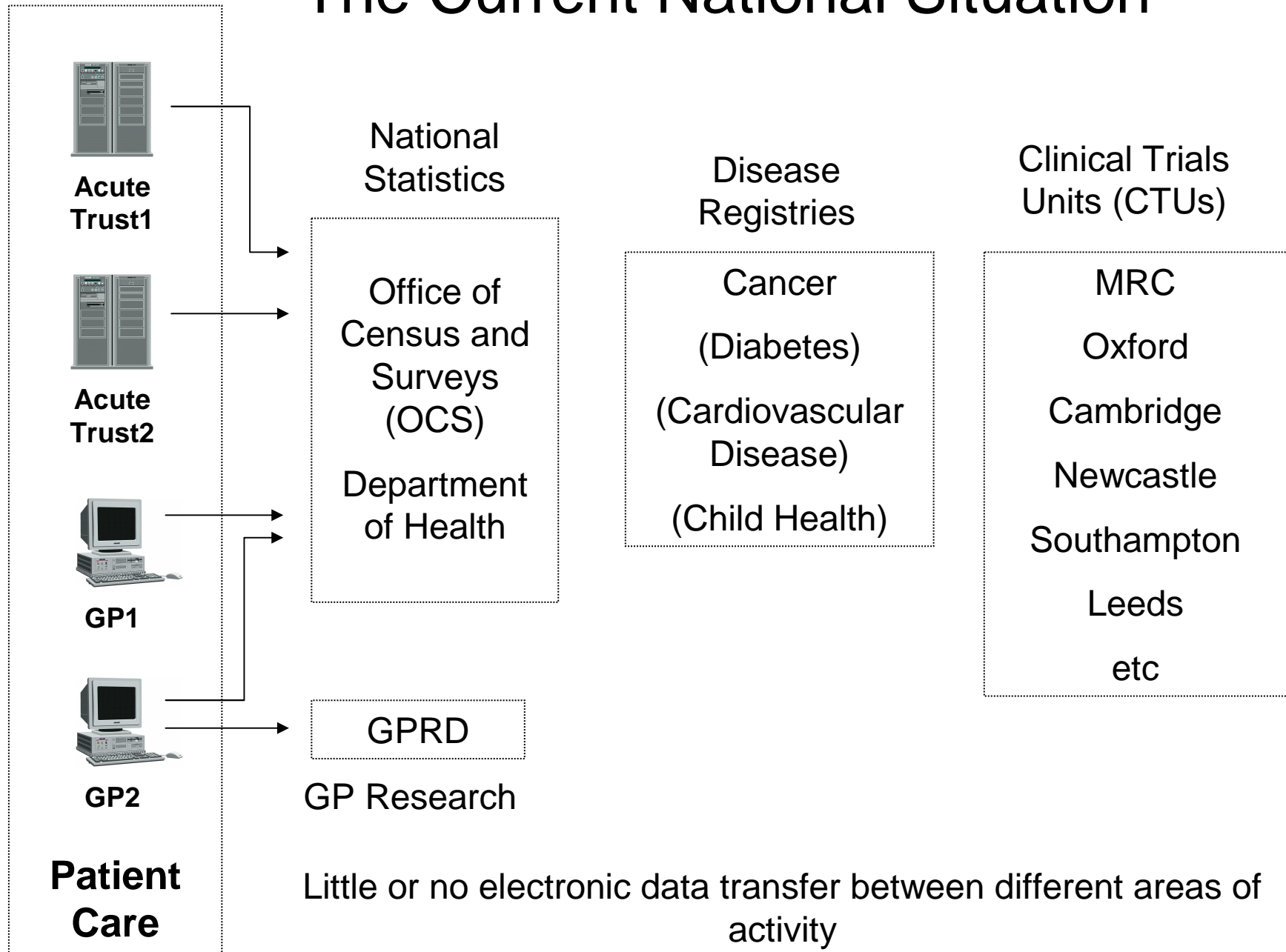
Health Informatics



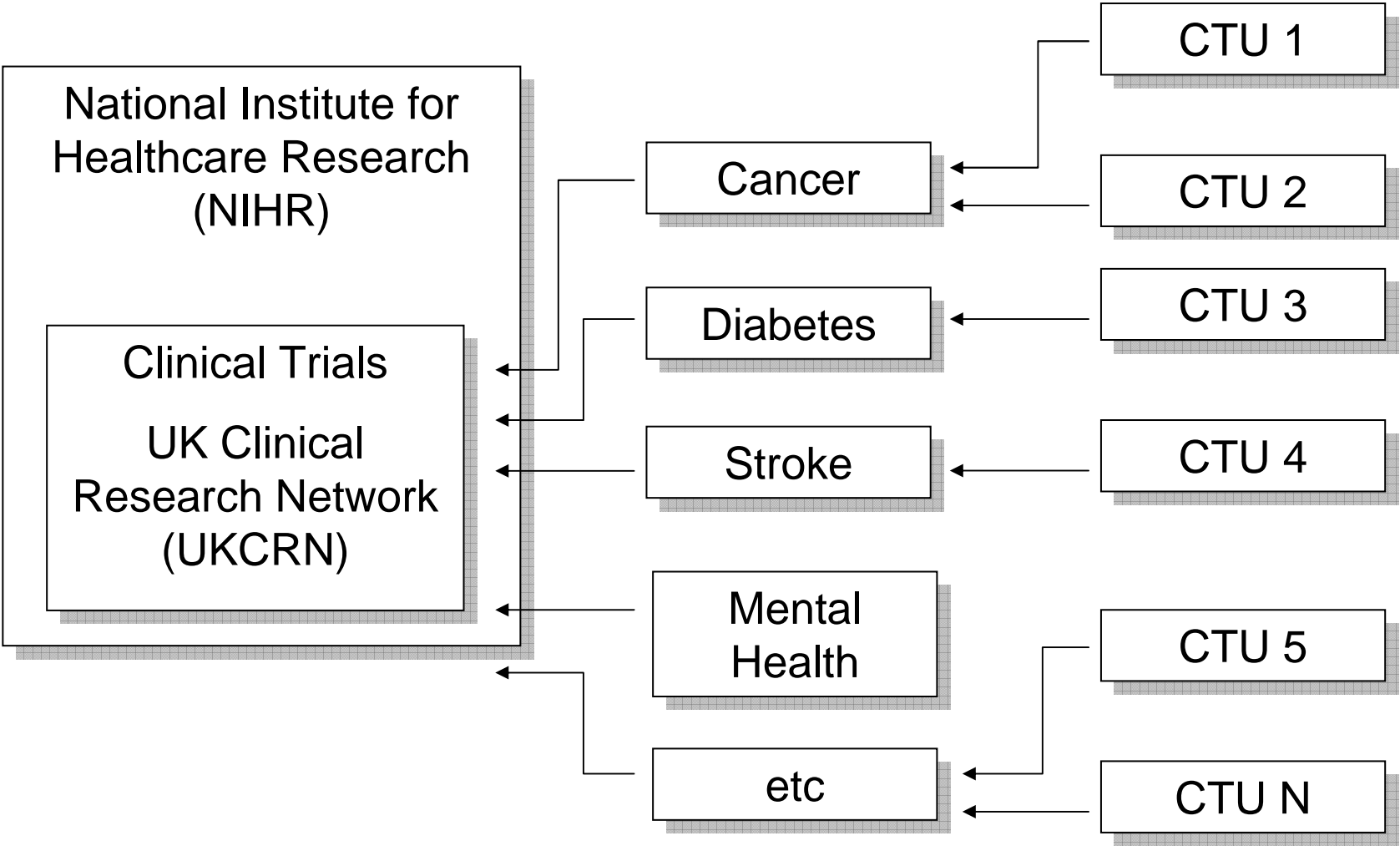
The Connecting for Health Vision



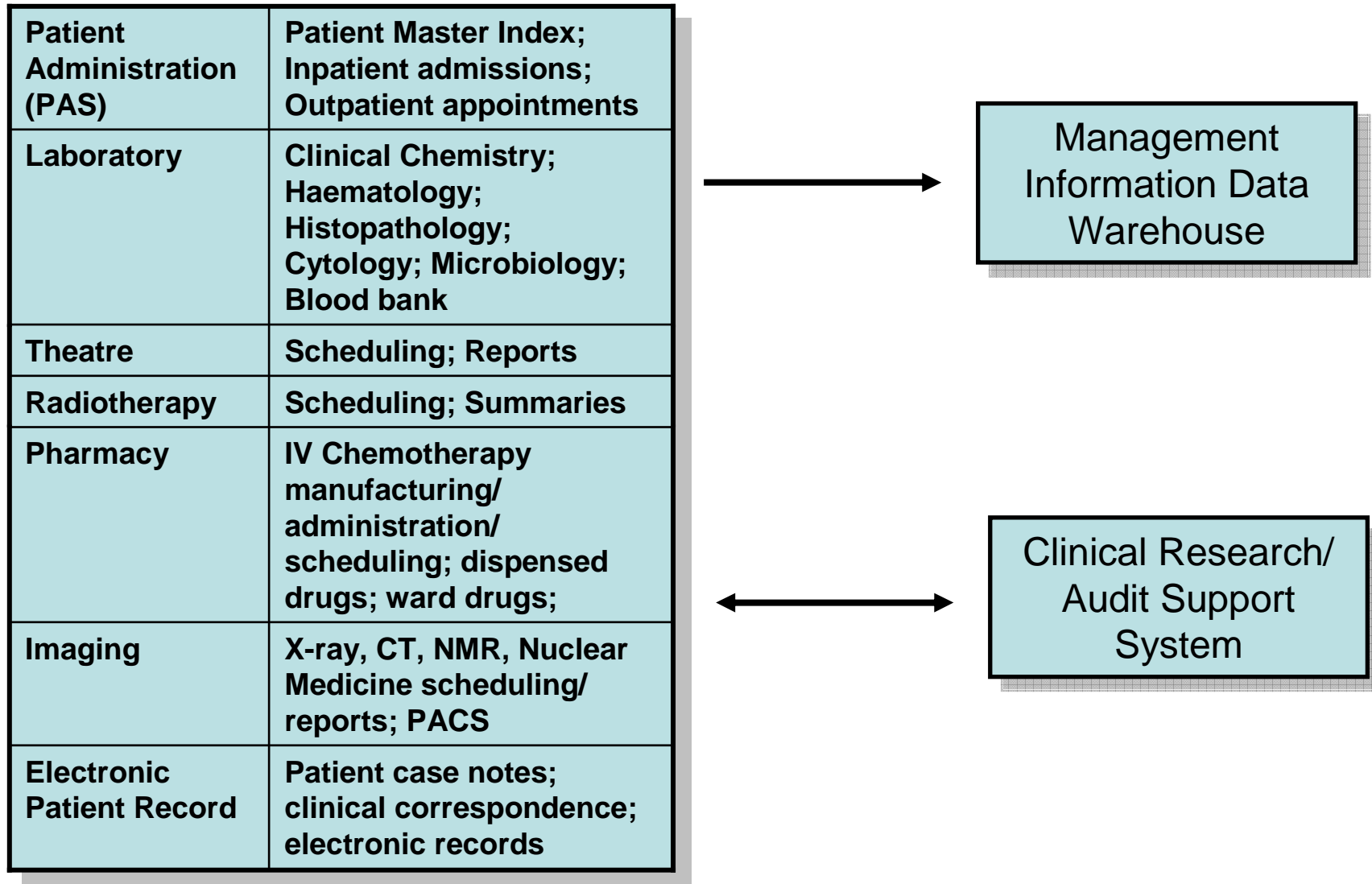
The Current National Situation



UK Clinical Research Coordination



The Royal Marsden Clinical Information Systems



Patient Care Systems

Data Curation Issues

- The known vs. the unknown
- Development environment/culture
- Service vs. research continuum
- Service level
- Security and confidentiality
- Systems/data architecture
- Data retrieval/analysis

Data Curation Service vs. Research Continuum

- 1 Pure service e.g. e-mail provision
- 2 Data management specific to subject areas
- 3 Informatics research specific to subject areas
- 4 Computer science

Service Level

- Institutional vs. Individual responsibility
- Internal users
- External users
- Unanswered technical issues?

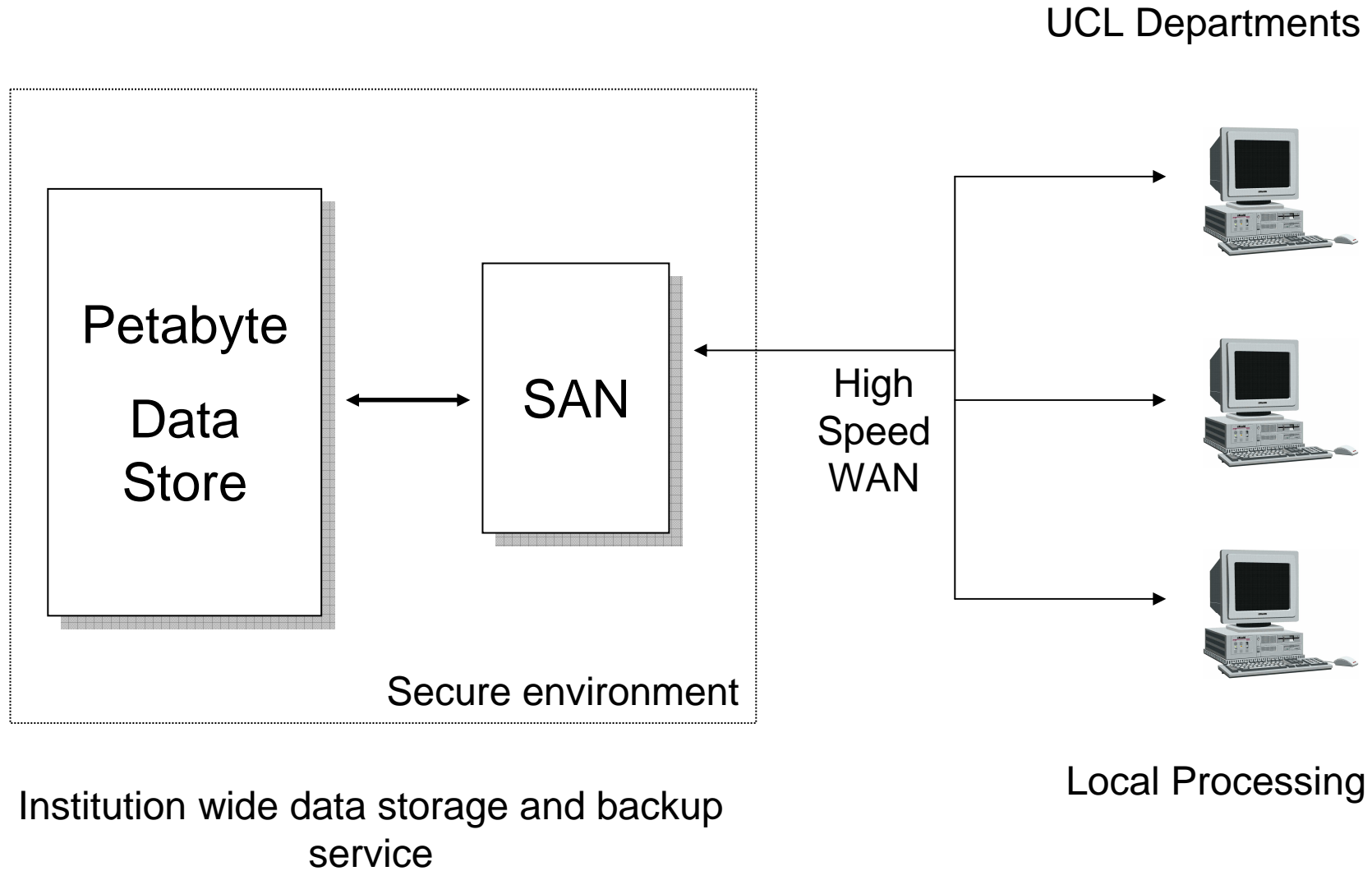
Security and Confidentiality

- Secure access
- Patient vs. community view
- Information Governance
- Data interchange protocols (Caldicott)
- Data anonymisation

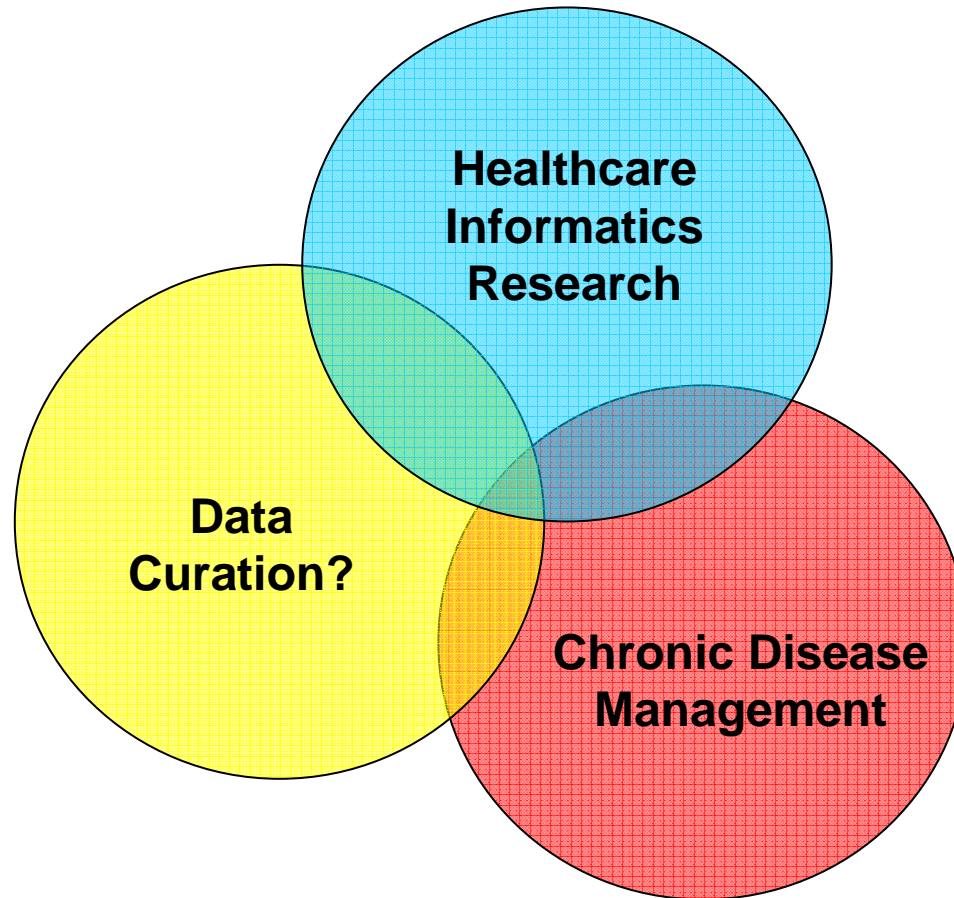
Systems/Data Architecture

- Requirements
- Infrastructure
- Internal users
- External users
- Unanswered technical issues?

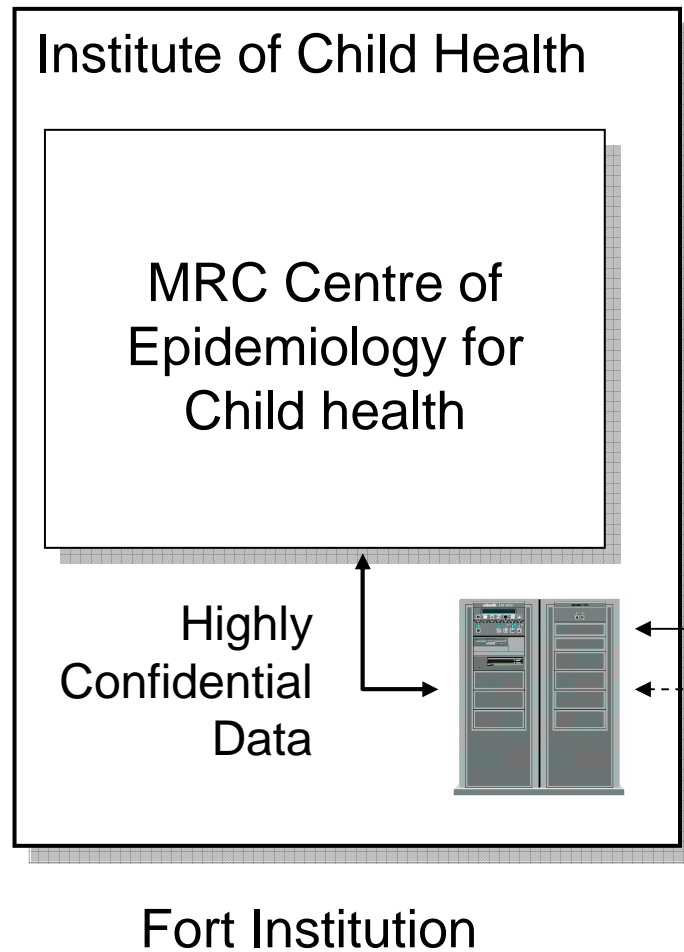
Architecture?



CHIME



MRC Centre for Child Health Epidemiology

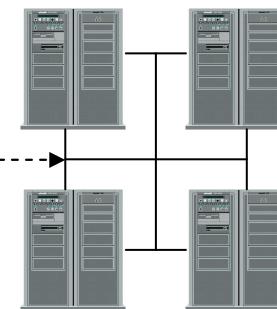


NHS

Problem Areas

- Records linkage to National Datasets
- Data anonymisation
- Information Governance
- Wide area security
- Records Architecture (CHIME)

?



UCL SAN