

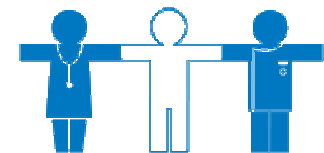
The future(?)

Dr Grant Kelly

GP Chichester 26 years

CfH Clinical Lead for SNOMED

SNOMED Structured electronic Records Programme



What do GPs want? (1997)

Clinical EDI/messaging

Record Transfer

3rd Party S/W integration

Diagnostic reminders



The last 4 years – working patterns.....

Continuity of care(r)

QoF

Complexity of Care

Views

What you do, rather than your title

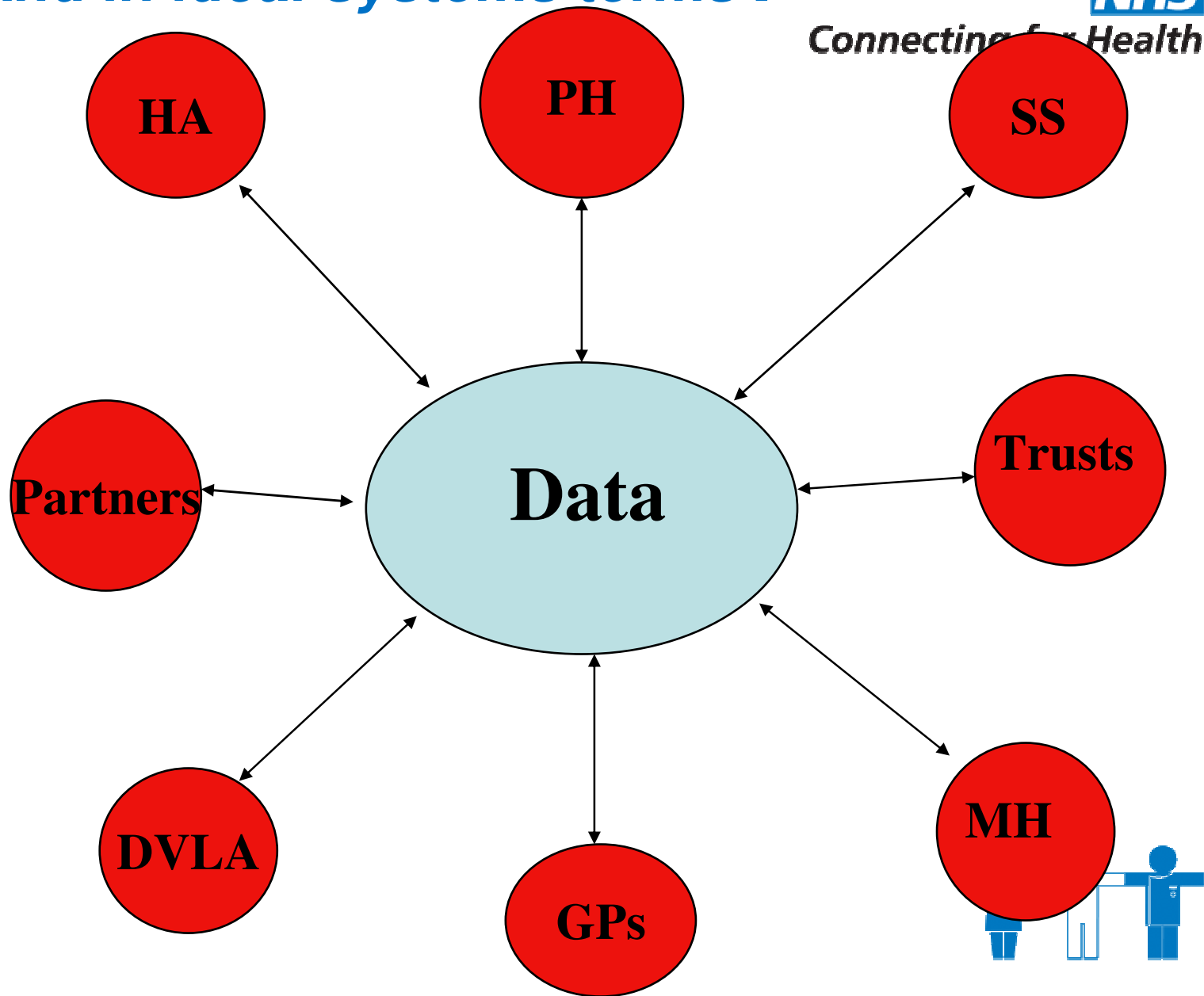
Patient information

Your information needs have changed



And in ideal systems terms?

NHS
Connecting for Health



The last 4 years – electronics.....

Boxes

PACS

EPS

PDS & New Number functionality

C&B

Broadband and NHSmail

GP2GP

GPSoC & CAP-GP

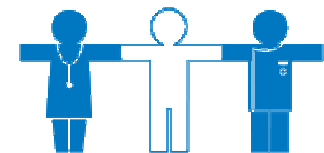
Spine & SCR



Interoperability<>Shared information *Why?*

Distributed working & continuity of care

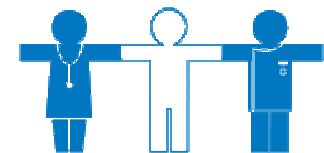
- Handover
- Safety
- Shared reporting
- DSS
- Public education
- Congruence



Interoperability<>Shared information How?

Structured records

- Implemented Terminology
- Exchange and technical milieu
- Education
 - **Control/Constrain expectations**
 - **Permissions and views**



Technical Milieu

13606 - Euro EHR standard incl archetypes + ref model
Open(source)EHR – pioneer for archetypes
CRE's – a source of debate for agreement
Archetypes – constrain content and bind to a terminology
MIM – Defines HL7 v3 messages for spine
LDM – a design view of housing data in records
HL7 – a democratic messaging standard
CDA – HL7-described 'document' convention
SNOMED – structured terminology
CUI – standardising terminology input
Terminfo – an argument about binding SNOMED to HL7

Work in progress...



Education for a step-change.....

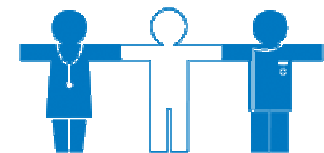
The whole NHS and beyond

Product-specific

Downstream

Prior to clinical

(Incl DH)



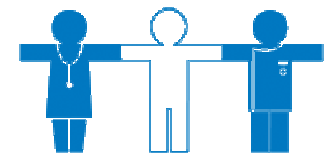
Organisational change to achieve these?

Combine DS&P and SSeRP

National SNOMED Programme

Clinical Content building programme

- Primary Care Consultation this month



Select Committee 09/07

239. Safe and effective data sharing, the fundamental aim of DCR systems, also requires a more standardised approach to the recording of clinical information. Such an approach is at the heart of ensuring real interoperability between systems and is vital if data from DCR systems is to be used as a basis either for the SCR or for research. The NHS Data Dictionary and the SNOMED CT coding system are important to achieving more consistent recording of patient information. We recommend that Connecting for Health publish a timetable for introducing SNOMED CT across the NHS.



Language analogy

(adapted from an Ocean Informatics presentation)

NHS

Connecting for Health

Reference model: grammar – constructing sentences

Terminology: the list of words

Archetypes: rules to ensure meaningful sentences

- Without such rules, we construct clinically meaningless sentences e.g.
 - “fractured earlobe”
 - “suture of left eyelash”

Templates: rules fitting sentences to a business use

- documents or forms that are fit-for-purpose

