

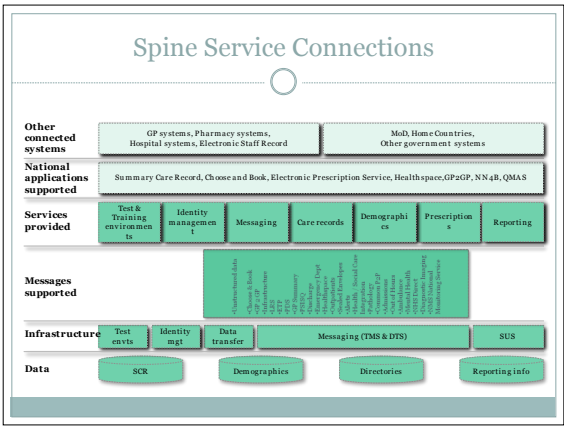
Developing the Future Information for All

DIGITAL HEALTH.UK

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A Short history of Health IT

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National programmes linked to the spine

- Records**
 - Summary care record
 - Healthspace
 - NN4B
- GP systems**
 - GP2GP
 - QMAS
- Access**
 - Choose and book
- Prescribing**
 - Electronic prescribing service

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The Future State

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Equity and excellence:

NHS

Liberating the NHS:

An Information Revolution

Liberating the NHS:

Greater choice and control

2015 goals driven by market innovation

- Patient viewable clinical and social care records
- Data obtained from first pass clinical entry
- Service quality simply described
- Improved data for regulators
- Primary and secondary care data flows

- Information standards
- Research data

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Cohesion/Familiarity

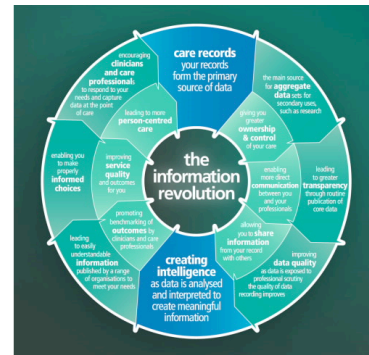
- NICE/NIHR
- Public health
- Information Centre
- Quality Accounts
- NHS Constitution

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Disruptive Policies

- GP consortia
- Economic regulator
- Local authorities
- Transparent information
- Social enterprise vehicles

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Data flows - Now

- Central returns/Health Episode Statistics
- Healthcare acquired infections
- Quality improvement indicators
- Estates and facilities
- Prescribing costs and activity
- NHS performance
- NHS organisational reference data
- Patient environment

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Data flows - Soon

- Inpatient information at provider level
- NHS Choices – Provider Quality Indicators
- Outpatient information at provider level
- Accident and emergency – additional indicators
- Ambulance status reports
- Inpatient information on procedures and diagnosis

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Data flows – one to two years

- Cancer registries and datasets
- Information on mixed gender wards
- National clinical audits
- NHS Choices – Directories
- NHS Reference Costs
- Financial information and management costs
- Reference data - costs

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People and Patients

- Driving current innovations
- On line transactions
 - SCR
 - Healthspace
 - Choose and Book
 - Personal Health Budgets **Healthwatch England**
- On line information
 - NHS Choices
 - Data repositories
 - Health observatories

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Clinical engagement

- Diversity of provision – interoperability
- Improvement through transparency
- Innovation through the cloud

Diversity of provision

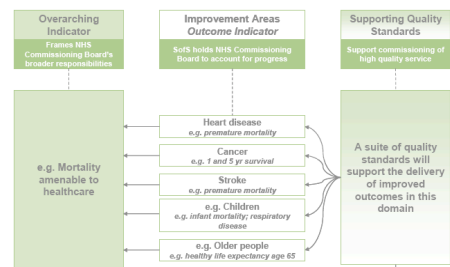
- Accessible
- Expandable
- Portable
- Searchable
- Meaningful
- Confidential
- Standards
- Interoperable
- Market driven

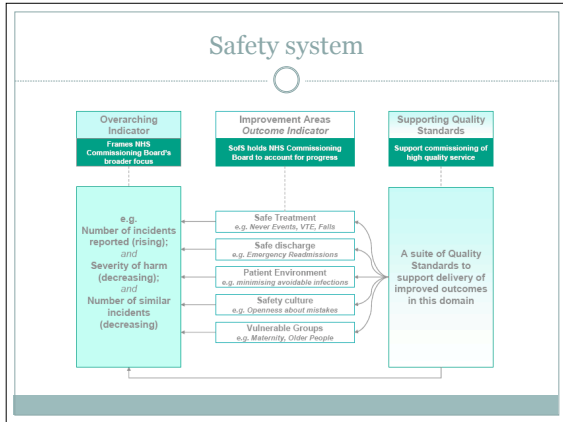
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Developing quality metrics



Preventing people dying prematurely





Safety metrics

	Essential		Desirable		
	Measure of Patient Outcome	Significantly influenced by measures influenced by Establishing & Geography	International comparisons available	Currently collected	
Number of never events reported in period (NPSA)	P	Y	P	P	Y
Number of other critical adverse events reported in period (NPSA)	P	Y	P	P	Y
Incidence of pressure ulcers (HES/NPSA)	Y	Y	Y	P	Y
Incidence of VTE (HES)	Y	Y	Y	P	Y
Incidence of in-patient falls (NPSA)	P	Y	P	P	Y
Incidence of medication errors (NPSA)	P	Y	P	P	Y
Number of readmission episodes due to safety/error (HES)	P	Y	Y	?	Y
Number of controlled drugs incidents (NPSA/CQC)	P	Y	P	P	Y

- ### Innovation through the cloud
- Hospital finders
 - Health data visualisation
 - Care networks for health
 - Economic effects of ill health
 - Social gaming
 - Geo-localisation of acute or chronic illness
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Innovating for success

- For everyone
 - ◆ Patient data
- For most people
 - ◆ Education
- For some people
 - ◆ Research

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