

National Wound Care Strategy Programme

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Data & Information Work Stream Update

Ann Jacklin

Lead D&I Work Steam

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Interested in wound care? Sign up at: www.nationalwoundcarestrategy.net



Twitter: #NatWoundStrat

Wound Care Data Domains	
Patients	Diagnosis
Referrals	Activity volumes
Staff involved	Outcomes
Treatments used	Equipment

Patient data	Workforce data	Product data
Patient age, gender	Staff involved	Wound care products
Referrals		Equipment
Diagnosis		
Activity volumes		
Outcomes		



Purpose (1)

Patient data

Patient age, gender

Referrals

Diagnosis

Activity volumes

Outcomes

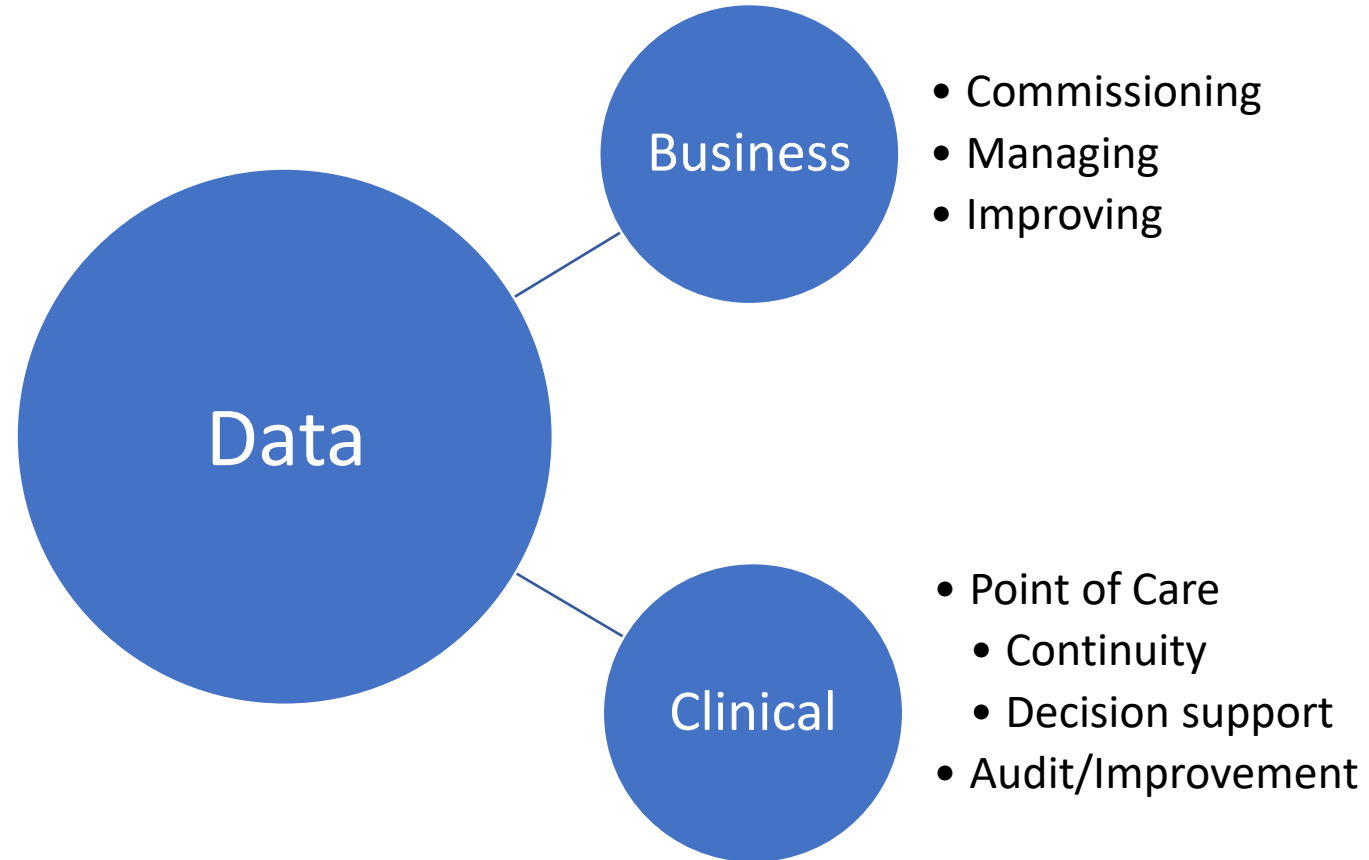
Workforce data

Staff involved

Product data

Wound care products

Equipment



Purpose (2)

Business

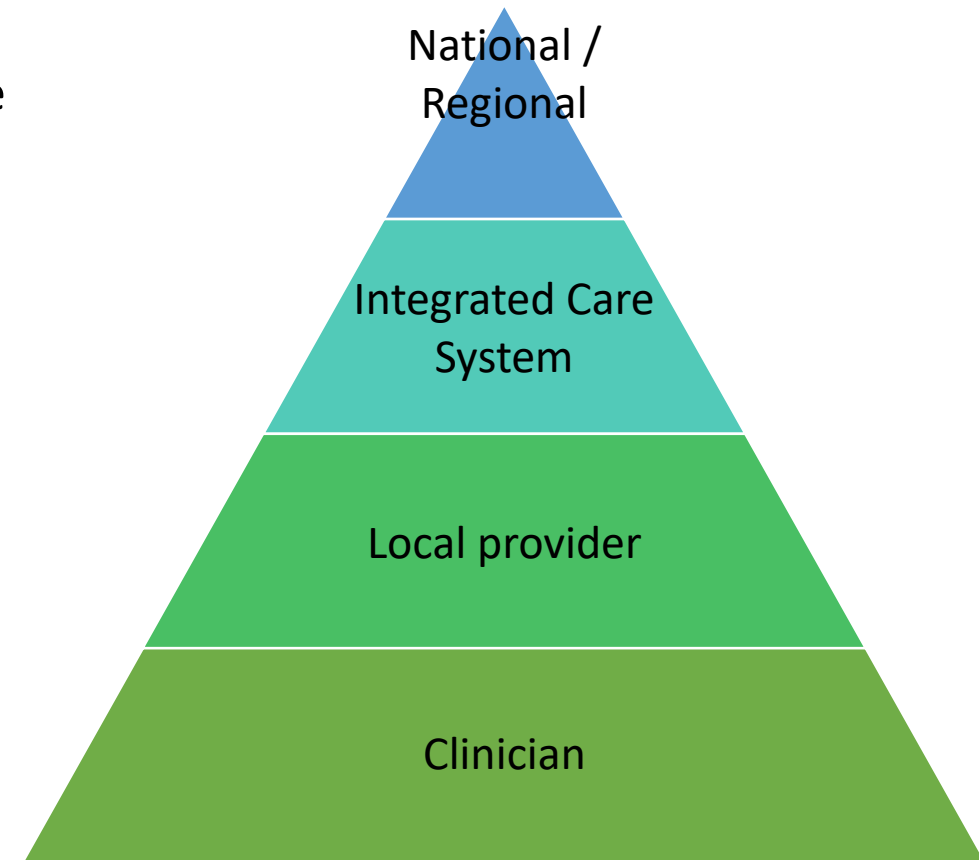
- To develop national and local / cross sector views of the burden of disease
 - Derived from better use current national and local databases
 - To inform commissioning and service management
 - To inform improvements of these data and data sets over time

Use it to improve it

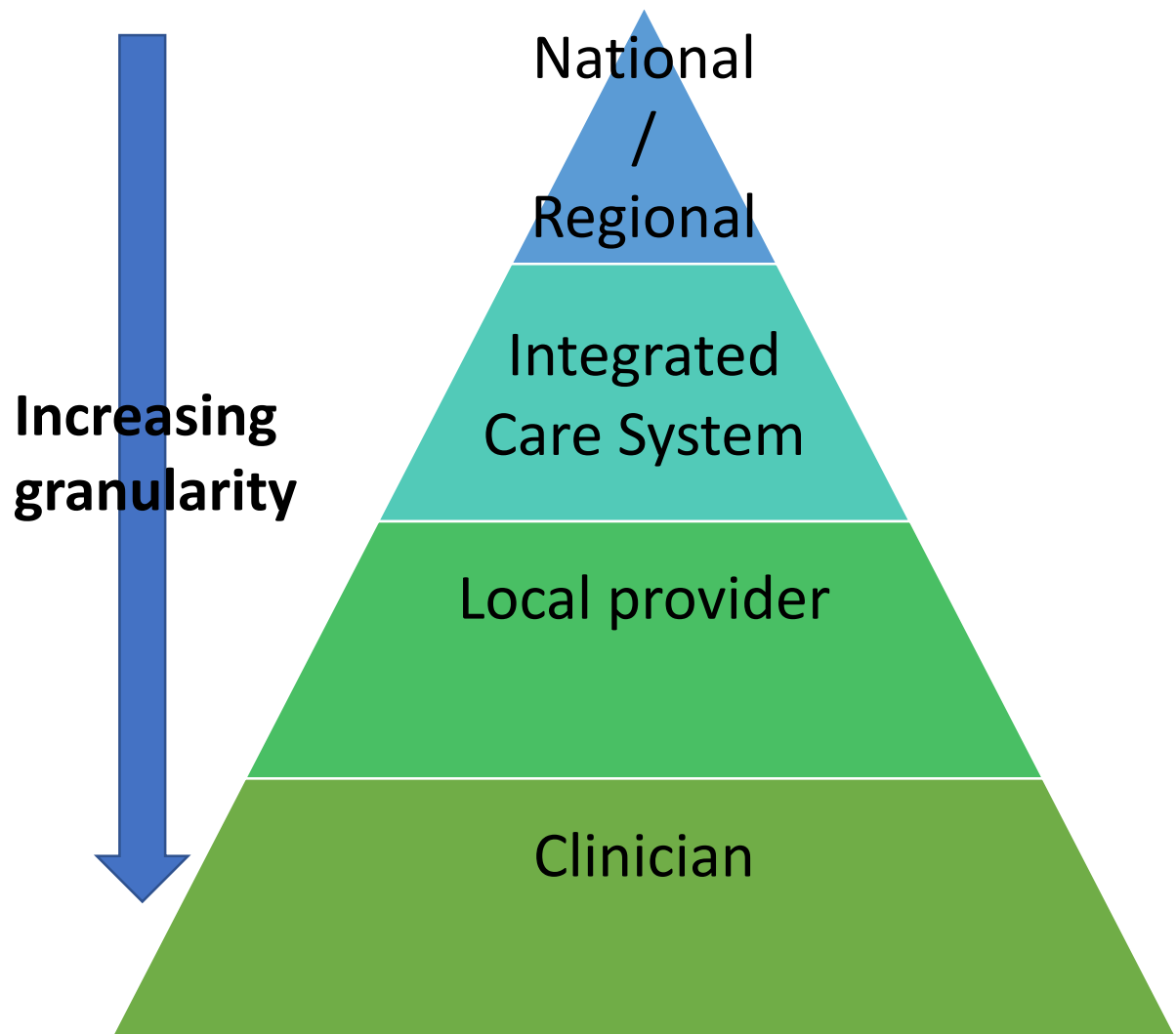
- To support and measure improvement over time
 - To identify unwarranted variation
 - To support improvement programmes

Clinical

- To support best practice point of care clinical care
 - To enhance continuity of care
 - To enable clinical decision support
 - To make data collection secondary to operational practice
 - To support audit



Levels



HES = Hospital Episode Statistics
LHCR = Local Health Care Record
ICS = Integrated Care System

CSDS = Community Services Data Set
EPR = Electronic Patient Record

- **National / Regional**
 - Highly aggregated patient / workforce / product
- **Integrated Care System**
 - More detailed across sectors/pathways
 - Potential for patient linking
 - Service commissioning
 - Audit / Improvement
- **Local provider**
 - `Service management / improvement
 - Contract management
 - Audit / improvement
- **Clinician**
 - Continuity of care
 - Clinical decision support
 - Audit / Improvement

Sources (1)

Patient & Workforce data



National /
Regional

Integrated
Care System

Local provider

Clinician

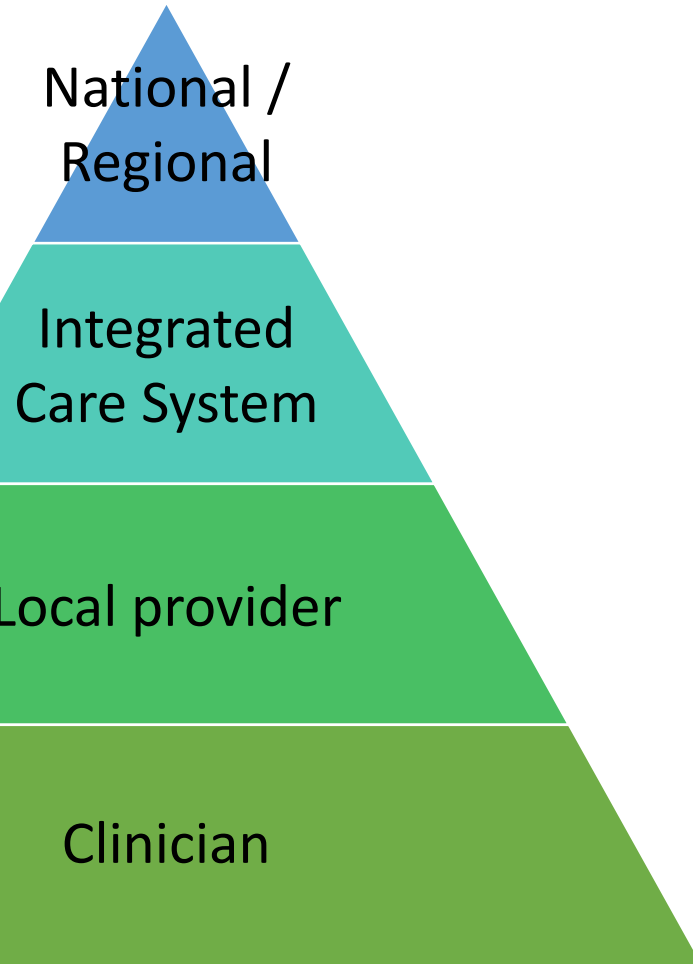
- National / Regional
 - Hospital Episode Statistics
 - Community Services Data Set
 - Electronic staff record
- Integrated Care System
 - Local Health record
- Local provider
 - Electronic Patient Record system
 - Local finance / human resources systems
- Clinician
 - Application (app)
 - Electronic Patient Record system
 - Local data bases

HES = Hospital Episode Statistics
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Sources (2)

Product data



BSA = Business Services Authority

- National / Regional
 - Prescription data
 - FP10 Business Services Authority / ePACT2
 - Define (Rx Info)
- Integrated Care System
 - Local Health record
- Local provider
 - Electronic Patient Record system
 - Local finance / human resources systems
- Clinician
 - Application (app)
 - Electronic Patient Record system
 - Local data bases

Priorities

Patient data current

Patient data future

Product data coding standardisation

Priorities for D&I

Patient data current

- 2019/20 National level only
 - HES and CSDS
 - Highly aggregated and lacking in detail
 - Not previously looked at for wound care - ? Data quality?

“Use to improve”

- HES data to be available from April 2020
- CSDS data to be available from April 2021
 - pilot to standardise clinical problem coding in progress
- 2020/21 ICS level pathfinders
 - To develop ICS level reporting
 - To include primary care

Patient data future

Product data coding standardisation

Priorities

Patient data current

Patient data future

Requires more granular data capture for both business and clinical purposes

- So we need Point of Care mobile technology / apps
- Developing high level specification
- Engaging with suppliers
- Identifying major barriers to widespread use
- Working with Wound Care Sector deal colleagues Office of Life Sciences and Association British Health Tech Industries (ABHI)

Product data coding standardisation

Mobile tech / app specification includes (1)

• NHS Requirements Overview

- Comply with existing and planned NHS developments:
 - Single NHS staff identifier (NHS passport compliant)
 - Compliant with NHSD and NICE Digital Standards
 - Allow full use of SNOMED CT terminology
 - Compliant Cloud based storage
 - Allow flow into NHS Digital (CSDS v2.0)
 - Instant access to all NHS data
 - Linkable with other H&SC data sources
- Interface (bidirectional) with essential systems:
 - GP systems: EMIS, Vision, System1 + document management systems
 - eRS (NHS Digital GP referral system) [API expected 18/19:Q2]
 - Secondary care EPR and legacy notes systems
- Replace rather than duplicate
 - Current Primary Care systems community templates
 - Secondary care to Community referral processes

Mobile tech / app specification includes (2)

User level

- Single long term record of all events in Community and Secondary care environments with image and intervention recording
- Flags, Guidance, Prompts and Alerts to match agreed pathways
- Data entry checking for errors, value range checking, composite checking
- Clinical decision support – algorithmic: static or machine learning
- Local formulary adherence
- No record locking
- In-system provision of education / guidance / cost estimates
- Rapid Advice and Guidance access
- Advice and guidance audit log
- Video conferencing (colleagues or patient) available
- Referral to multiple agencies
- Product evaluation

Mobile tech / app specification includes (3)

Capabilities

- Cover all community data requirements
- Allow remote working via tablet or laptop
- Real-time but with Store and Forward capability
- Appointment record – route planning – prioritisation
- Local formulary accommodation
- Stock control with new Supply & Distribution wound product classification
- Business intelligence backend with levels of reporting
- High level views with drill-down based on security
- Workforce management and allocation
- Cost and travel analysis
- Allow patient / carers self-care recording
- Invite patient / carers outcome recording
- Allow staff / patient entered data filtering
- Allow staff / patient evaluation of the system
- Allow adherence of staff / patient to treatment plan
- Allow linking with tele-monitoring
- Referral management / re-direction
- Ability to add research identifiers

Priorities

Patient data current

Patient data future

Product data classification standardisation

- Current classification systems in use are unsophisticated
 - All advanced wound care products lumped into simple classification ‘buckets’
- Prescribing and non pharmacy ordering / supply chain use different coding systems
 - Prescribing = BNF (BNF 20.3 Wound Management & Other, 20.6 Foams)
 - Non prescribing = e Class
- More sophisticated classification system needed for both Business and Clinical purposes
- Department of Health and Social Care (DHSC) commissioned NWCSP to develop National Wound Care Classification System
- Next supplier engagement event scheduled for 25 February



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