

The role and importance of Digital Information for Nursing in the NHS

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Digital Nursing Programme Objectives

1. Ensure nurses are **empowered to practice and lead** in a digitally enabled health and social care system, now and in the future.
2. Ensure nursing practice is **fully supported** by the use of digital technology and data science

CNIO principles



Joining up care



Empower the frontline



Professionalism of
nursing informatics



Reduce the
documentation burden



Release time to care



Improve safety



Using data to target care
and support decision
making



Empower people

What is Nursing?



“the unique function of the nurse is to assist the individual, sick or well, in the performance of those activities contributing to health or its recovery (or to peaceful death) that he would perform unaided if he had the necessary strength, will or knowledge.

Virginia Henderson

Outcome 1: There is a single national digital nursing standardised documentation framework available to the NHS and relevant care settings to support safe nursing practice contributing to the reduced risks of patient safety
Outcome 2: The adoption of a minimum data set to support evidence based nursing practice and inform improvements to care and its delivery

Research

Evidence to advance nursing practice is enabled by the use of digital technologies. Digital technologies are developed based on evidence about nursing practice.

Digital Nursing Standard

There is a single national digital nursing standardised documentation framework available to the NHS and relevant care settings to support safe nursing practice contributing to the reduced risks of patient safety

Minimum Data Set

The adoption of a minimum data set to support evidence based nursing practice and inform improvements to care and its delivery

Practice and Research: Vision



To support sharing of fundamentals of nursing care data across health and care so they can be accessed at the point of care by the nurse.

The aim is to harness technology to reduce documentation burden, improve safety and improve experience of care.

Nursing Documentation Standard



Why?



Nurses are the largest workforce in health and social care

Standardised documentation are a basic requirement for Interoperability & effective communications

Getting patient documentation & information flows right is complex

This is the time to investigate standardising nursing documentation nationally to ensure it is fit for purpose

Nursing & social care integration - a more joined-up experience of care

Discovery & Scoping

Aim of the discovery project:

to investigate the need, feasibility, benefit & challenges of developing a national nursing standard.



Professional
Record
Standards
Body

PRSB Methodology

- Individual interviews
- Focus Groups
- Mapping of nursing documentation used in practice
- Literature review of nursing documentation initiatives
- UK nursing data set review
- Nursing Assessments

University of
HUDDERSFIELD
Inspiring global professionals

University of Huddersfield Methodology

- Critical examination of the research published in 2019
- Focus groups in the UK and US
- Case studies from the UK

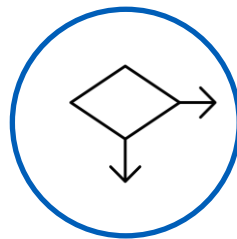
Documentation of nursing care is a wicked problem.



There is lack of understanding of what good documentation looks like in a digital context



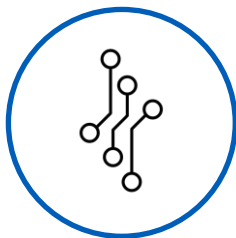
Nurses struggle to see the art of the possible using digital technology



Nursing process is noticeably absent



Lack of ownership and management



Digital Systems suboptimal to meet nursing needs



Voluminous/Defensive documentation due to fear of litigation



Information not accessible at point of care



Transition of care not always seamless

...Overwhelming hunger for transformation and strong desire for innovation

Burden of documentation

Impact and consequences...

Blanket approach to **risk assessments**

Repeat assessments due to **lack of trust and confidence**

Different terminologies used in different settings

Frequent Internal transfers impacting **the accuracy** of the assessment

Little standardisation of risk assessment tools





Our aim is to release 15% more time to care by supporting the adoption and implementation of the “what good nursing documentation looks like” guidance for (number) of NHS acute hospital and community providers by September 2023

Year ahead



By 2027 nursing care will be improved by supporting every nurse in implementing a nursing documentation standard (a single approach to nursing documentation in England)

Long term

Nursing Standard: Next steps



June 2022

First draft



September 2022

Final draft



Consultation

July – August 2022

- Set up an Editorial Board to review the consultation feedback
- Establishing a learning community
- Work toward a nursing standard content
- Proof of concept

Minimum Dataset (MDS)



Discovery work

What?

Nursing minimum dataset is made up of a standardised minimum set of information required for each patient receiving nursing care.

Research to review how nursing minimum datasets used internationally and compare with ones in England developed and/or implemented.

Why?

Findings to support NHS England's understanding how minimum dataset could be developed and embedded for nursing practice

Approach...

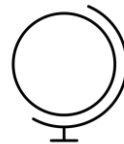


Desk review



Interviews

7



International
Comparators

3



Local
Comparators

Thematic areas...



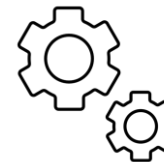
Development



Governance &
Quality Assurance



Access



Utilisation

International Comparators



Data collection- none collect & codify in a routine way at point of care

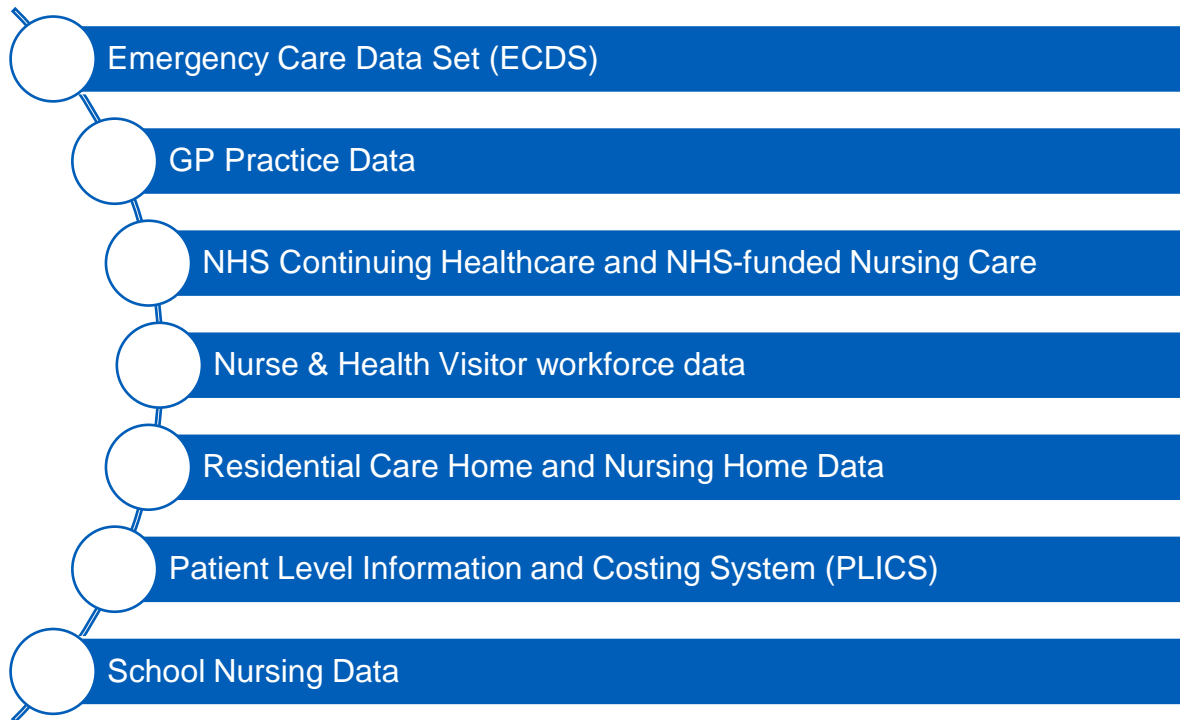
Codification - wide variation in terminologies & spread of practice covered

Governance & QA- Variety approaches different legislative approaches

Access & Utilisation - mostly used for service delivery, minimal use for research

Datasets reviewed for nursing data:

- No systematic approach to monitor performances and outcomes
- May be scope to leverage data from other data collections
- Considerations needed – data collection burden on providers



Development:

1. Consult to agree clear definition of NMDS purpose & scope.
2. Spec based on consistent recording/principles of interoperability.
3. Align as much as possible with existing nursing practices & data flows.

Governance & Quality Assurance:

4. Utilise current resource to support information governance processes.
5. Design validation procedures at local and national level.

Access & Utilisation:

6. Consider collecting as part of existing minimum datasets.
7. Promote controlled but accessible use of NHS nursing data.

MDS: Next steps



July 2022

Outputs shared – agreements to proceed



Quarter 4

Minimum dataset options appraisal



Consultation

July – September 2022

- Question: whether minimum dataset is to help with practice and/or research
- Outcome – final report defining:
 - Purpose
 - Scope
 - Recommendations

Questions?

Contact us



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