

Let's say hi!

Ideally 6 per table

1. Who works in a provider organisation with an EPR+? **Pink**
2. Who works in a provider organisation working with paper-based records? **Blue**
3. Who works in different types of organisations - **yellow**

**The future of nursing/clinical documentation:
A workshop led and facilitated
by**

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This short workshop seeks to learn and share:



Are we there yet?

Where are we now in relation to the digitisation of documentation, where are we headed, and how do we influence the change we want to see?



A short reflection on
how we got here....

In the beginning we had:

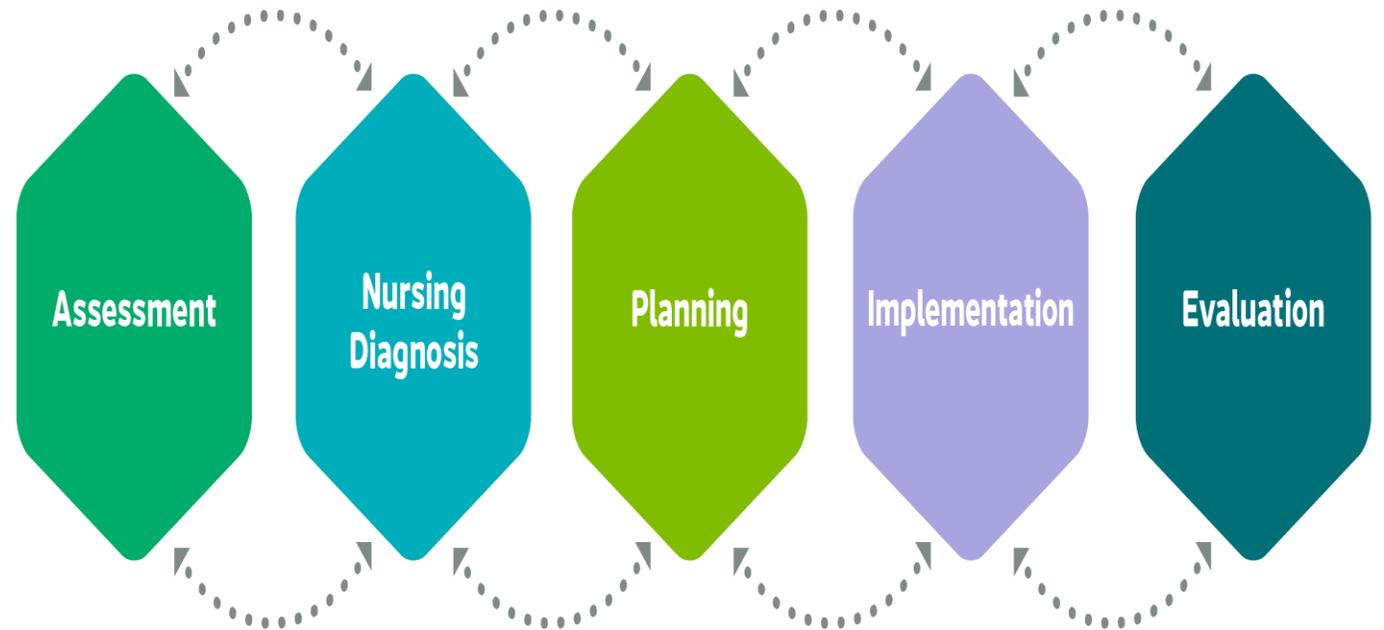
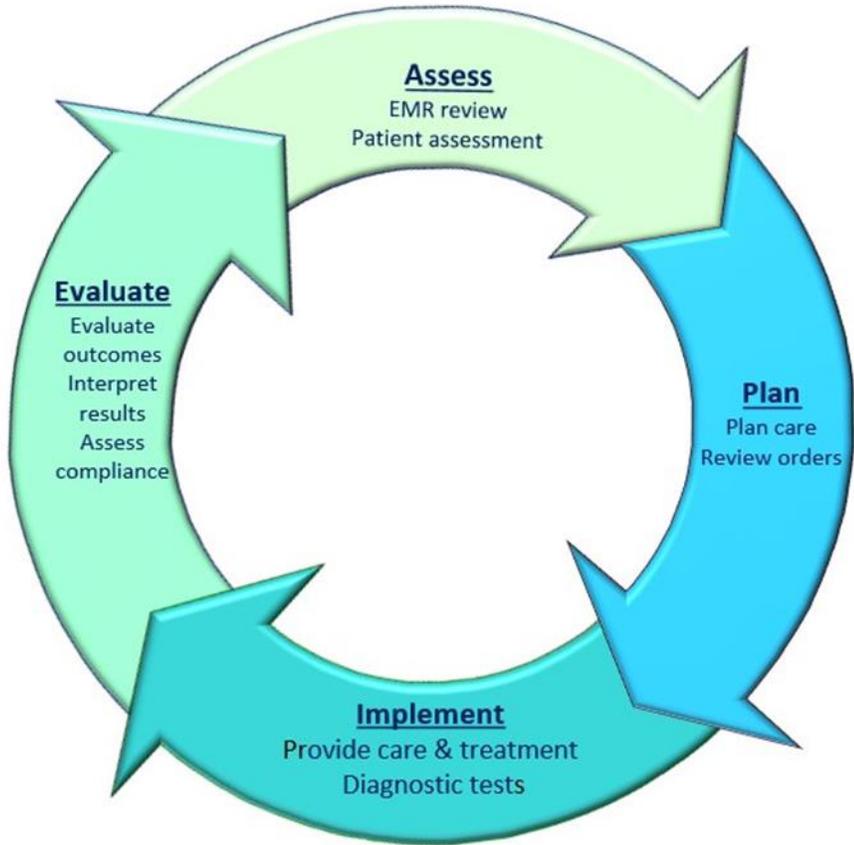
The Nursing Process C1958

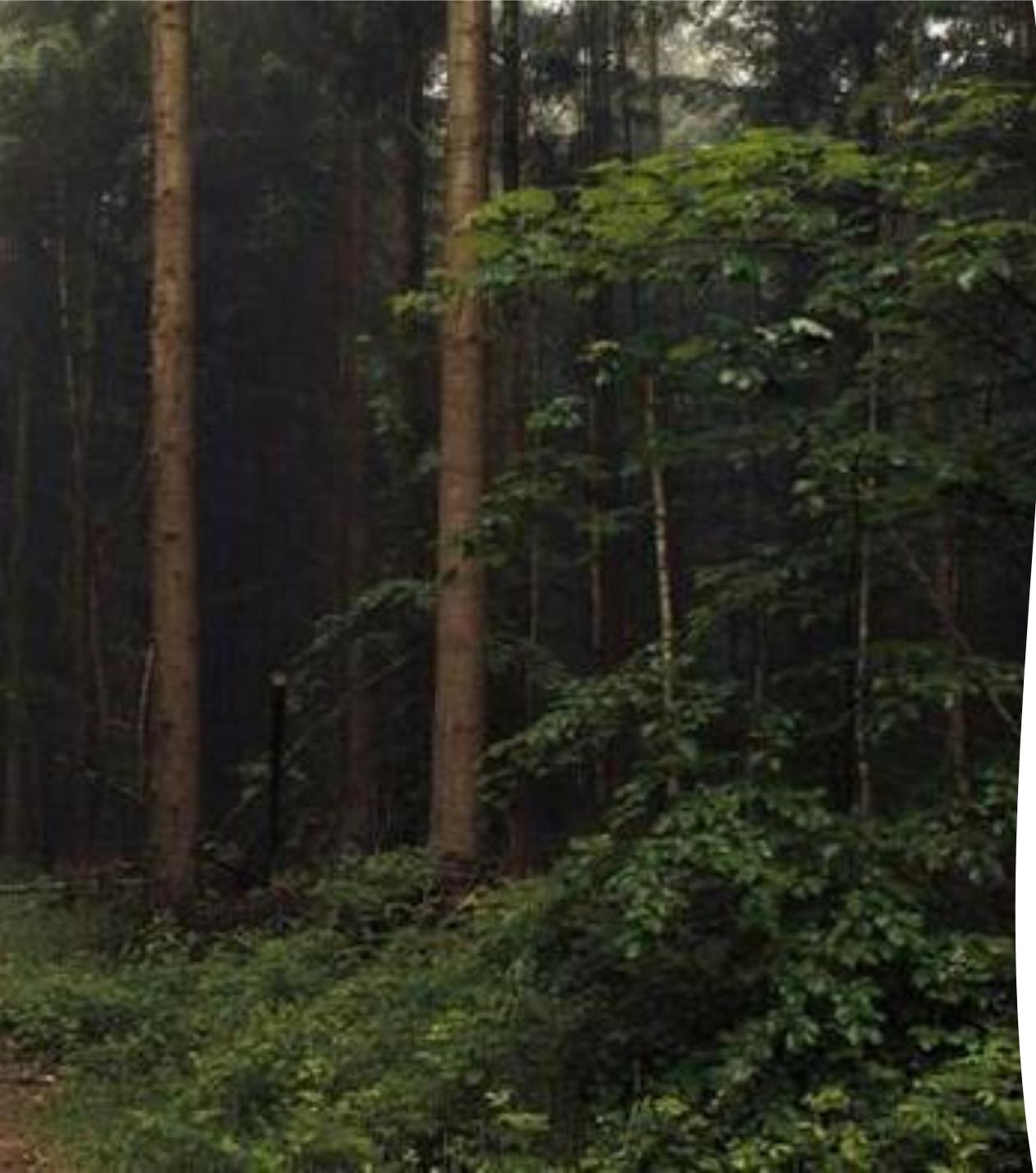
The Nursing Process offered a systematic model for patient review

UK adopted a 4-part model

https://www.rch.org.au/rchcpg/hospital_clinical_guideline_index/nursing-documentation-principles/

US adopted a 5- part model





Nursing theories: 1970s and 80s

Hildegard Peplau: **Theory of interpersonal relations**

Dorothea Orem: **Self-care deficit nursing theory**

Virginia Henderson: **Nursing Needs Theory** (based on Maslow's hierarchy of need)



Models of Nursing

Promoting **self-help** (Dorothea Orem)

Promoting congruence between the
mind, body and soul (Jean Watson)

Based on **activities of daily living** (Roper
Logan & Tierney)

***The models and theories of nursing from
the 1960s, 70s & 80s***

**Impacted our paper documentation of
the 1980s, 90s and early 2000s**

The 90s and early 2000s
brought nursing research

Which created Evidenced
Based Practice (EBP)

Which has influenced
detailed nursing assessments
using best evidence



Layering of complexity

This is what we have brought for digitisation

General Assessment questions developed over time

Clinical & Risk Assessment tools 2000s+

Evidenced Based Practice 2000s

Nursing research 1990s

Nursing Models 1970/80s

Nursing Theories 1960/70s

Nursing Process 1950s

Headings in general nursing assessments (28)

- Washing & Dressing
- Skin
- Pain / comfort
- Sleeping
- Cultural and spiritual beliefs
- Social context
- What matters to me
- Observations
- End of Life
- Pregnancy, periods, and menopause
- Demographics
- Admission Details
- Referrer details
- Communication Needs
- Allergies and Adverse Reactions
- Infection Control & Immunisation
- GP Details
- Personal Contact
- Patients' dependant's need for support
- Safeguarding & Risks
- Relevant Medical/Surgical History
- Medications
- Mental Health and related legal requirements
- Mental Capacity & Related Legal Requirements
- Breathing & Circulation
- Nutrition & Hydration
- Mobilisation & Falls
- Elimination

Bodell, M. (2017). A-Z Guide of Clinical Assessment tools for nurses, Nursing Notes (48)

<https://nursingnotes.co.uk/resources/guide-nursing-assessments/>

- Abbreviated mental test (AMT/mini-mental/MMSE) - rapid elderly cognitive impairment tests
- ABCDE - airway, breathing, circulation, disability and exposure assessment
- AVPU (alert, voice, pain, unresponsive) - patients consciousness assessment (Or see GCS)
- Addenbrooke's Cognitive Examination (ACE) – an assessment of cognitive functioning
- Alcohol Use Disorders Identification Test (or AUDIT) – A screening tool for harmful drinking
- Body mass index (BMI) - is a measure of body fat
- Braden Score (or Braden Scale) - used to predict pressure ulcer risk (or see Waterlow score)
- BUFALO - used to ensure compliance with sepsis bundles
- Beck Depression Inventory (BDI) - rating system that measures symptoms of depression
- Bed Rails Assessment - used to help risk assess the use of bed rails with a patient
- Catheter Assessment - checks device is still required, is clean, fixed and in-date
- Cubbin & Jackson - to predict pressure ulcer risk in a critical unwell patient
- Confusion Assessment Method (CAM) - identifies confusion or delirium
- CAM-ICU - confusion assessment tool for ICU patients. See RASS.
- Centor score - criteria to identify bacterial infection in adult patients with sore throat
- CRE Assessment (Carbapenem Resistant Enterobacteriaceae) - a screening tool for the signs of CRE
- DisDAT - identifies distress in people with cognitive impairment and severely limited communication
- Early warning score (or EWS, MEWS, NEWS, PEWS) - is a guide used to quickly determine the degree of wellness of a patient based on the six cardinal vital signs
- FAST (face, arm, speech test) - used to assess stroke-like symptoms
- Falls risk assessment tool (FRAT) - predicts a patient's risk of falling in hospital or home
- FRAX tool - evaluates fracture risk of patients
- FLACC (face, legs, activity, cry, consolability) - pain assessment tool for child or non-verbal patients
- Glasgow Coma Scale (GCS) - is a neurological scale recording the conscious state of a person
- Glasgow Depression Scale - assesses mood and risk of depression on patients with learning disability
- Global Registry of Acute Coronary Events (GRACE score) - risk assesses acute coronary syndrome
- Generalised Anxiety Disorder Questionnaire (GAD-7) – tool to measure Generalised Anxiety
- Hospital Anxiety and Depression Scale (or HADS) – Used to measure Anxiety & Depression
- Hs and Ts - A variety of disease processes can lead to a cardiac arrest; however, they usually boil down to one or more of the “Hs and Ts”.
- Liverpool University Neuroleptic Side Effect Rating Scale (LUNSERS) – self-assessment measuring the side-effects of antipsychotic medications.
- Manchester Triage System (MTS) – A&E triage system that assigns patient priority to be seen
- MUST - a screening tool to identify adults, who are malnourished, at risk of malnutrition or obese.
- Mini PAS-ADD - tool for undertaking mental health assessments with learning disabilities patients
- Moving & Handling Assessments - to ensure patients and staff are safe when providing patient care.
- MRSA Assessment (Methicillin-resistant Staphylococcus Aureus) - a risk assessment to determine a patient's MRSA risk status and decolonisation needs
- Neonatal Pain, Agitation & Sedation Score (N-PASS) – used in neonatal intensive care, to assess pain, agitation and sedation levels
- PQRST (provocation/palliation, quantity/quality, region/radiation, timing) – pain assessment tool
- Two-stage capacity test - to decide whether an individual has the capacity to make a decision
- Traffic Light Assessment - for children or LD patients to communicate likes, dislikes and preferences
- Venous thromboembolism assessment (VTE) - used to risk of deep vein thrombosis
- SPICT (Supportive & Palliative Care Indicators Tool) - identifies people at risk of deteriorating or dying advanced conditions
- SOCRATES is a mnemonic acronym used to evaluate the nature of pain a patient is experiencing
- Richmond Agitation-Sedation Scale (RASS) - a sedation scale to determine agitation or sedation level. Other scales inc. Ramsay scale, Sedation-Agitation-Scale, COMFORT scale. See CAM-ICU.
- Waterlow score (Waterlow scale) - used to predict pressure ulcer risk. See Braden score.
- Wong-Baker FACES Pain Rating Scale - a pain assessment tool designed around a set of faces
- Wells criteria - for diagnosing DVT risk or diagnosing pulmonary embolism risk. See VTE assessment.
- **Visual infusion phlebitis score (VIPS) - a tool that facilitates timely removal of short peripheral intravenous catheters at the earliest signs of infection**

In your tables work through the following Questions – groups 1, 20 minutes

- What are the emerging challenges of a digitised clinical/nursing care record in EPR+?
- How have you/do clinical staff influence the form, function and optimisation of clinical documentation within your organisation?
- What work did you do to your documentation before/after implementing an EPR+?

In your tables work through the following Questions – groups 2, 20 minutes

- What do you think are the challenges related to the standardisation of clinical/nursing documentation in a digital age?
- What do you see as the benefits and drawbacks of voice recognition systems capture voice-generated content directly into clinical systems?
- What do you hope digitisation of the nurses/clinician's record will create/produce in the long term?

Answers and Solutions

Each table to select two insights to feedback. Please write these down word for word so we can share them later

NHS England – Digital Nursing Team

- ‘Towards a unified vision of nursing and midwifery documentation’
- It sets the direction for all nursing documentation in all settings
- It helps organisations implement documentation systems that support nurses
- It helps produce documentation that shows decision making and care
- It minimises time spent on producing records
- Draft available at **Digital Nursing Futures Community**
- <https://future.nhs.uk/DigitalNursesNetwork/view?objectID=164295781>

Towards a unified vision of nursing and midwifery documentation: **Critical Premises**

NHS Digital Nurses Futures platform - <https://future.nhs.uk/DigitalNursesNetwork/view?objectID=164295781>

- ‘Data collection that supports audit, service evaluation, research and national reporting **should not** require additional documentation above that which is required for care.’ Pg9
- ‘The multidisciplinary team **should share and re-use** each other’s documentation.....to reduce the need for repetitive questioning.’ Pg7
- ‘Documentation must not be done using a **blanket approach**. e.g., pts may not require detailed assessment unless there is a clear clinical need.’ Pg9

NHS Wales

- **Nationally Standardised Adult Inpatient Assessment and Core Risk Assessments**
- <https://www.gov.wales/standardisation-nursing-core-risk-assessment-documents-whc2019026>

- **NHS Wales Nursing Documentation all documents**
- <https://dhcw.nhs.wales/information-services/information-standards/data-standards/nhs-wales-nursing-documentation/>

- **Adult Inpatient Assessment sample**
- <https://dhcw.nhs.wales/information-services/information-standards/data-standards/data-standards-files/nursing-documentation-docs/ass-allwales-aia-and-discharge-checklist-with-nursing-notes-v2-2-pdf-002-pdf/>

Go to all the digital and data discussions you can and get your patients into those discussions too because:-

- Patients will soon be able to access all their record
- And so, getting the facts but also identifying errors
- This may increase challenge too
- Some systems allow pts to write into the record
- Ambient AI will better learn how we 'do' care
- So, we may get better clinical decision support during practice
- Access anywhere for all who have permissions to the record
- NANDA/ICNP coding data may give greater insights into the care practices work best



Organisations that support digital clinicians

- The SW CNIO+ network open to all digital clinical leaders from health and social care – email dorothy.beans@nhs.net
- Join the **Digital Health Network** - <https://digitalhealthnetworks.net/>
- From Devon or Dorset? You have an **ICB Digital Nurse lead**. Ask Dorothy for details
- **Digitation of Social Care** leader's - is a peer-to-peer group – caroline.day16@nhs.net
- Need help or advice on **developing virtual wards or hospital at home** – england.swcommunityhealthandcare@nhs.net
- **Digital Shared Decision-Making Council**, for sharing practice ideas between frontline nurses and midwives – email samantha.sellick@nhs.net
- **Digital Nursing - Community of Practice** via NHS futures <https://future.nhs.uk/DigitalNursesNetwork/groupHome>
- Join the Faculty of Clinical Informatics – for digital clinicians, <https://fci.org.uk/>
- Join BCS for lots of free content, <https://www.bcs.org/about-us/>

Events coming up soon

Digital Health Summer School – is the NHS IT leadership event of the year, returning on 27-28 July 2023, at the University of Birmingham. The event is dedicated to CCIOs, CIOs and CNIOs, together with all current and aspiring digital health leaders. Summer Schools explore the evolving challenges of being an effective digital leader in the NHS and the different dimensions of leadership roles.

<https://digitalhealthsummerschools.com/>

June 26th SW CNIO+ network meeting is open to all clinical digital leaders and their teams and DCNOs. At this event **Helen Balsdon, CNIO for England**, reflects on the last 12 months of the Digital Nursing Programme and explains what is planned for the coming 12 months.

https://teams.microsoft.com/l/meetup-join/19%3ameeting_YjViYTRIZjItYzQ4NC00ODk2LWFjZDItMjVlY2MwZWJhNTg2%40thread.v2/0?context=%7b%22Tid%22%3a%2203159e92-72c6-4b23-a64a-af50e790adb%22%2c%22Oid%22%3a%227d6a621a-9144-47cb-af24-02a45a1c1cd9%22%7d

Southwest and East Digital Shared Decision-Making Council will hold its second meeting on the 4th July – email Samantha.sellick@nhs.net for details

The **SW CXIO event** is for CNIOs, CIOs, CSOs and CCIOs (and others digital leaders in regional bodies). It holds events 3-4 times per year and focusses on current challenges and the future opportunities and threats. July 7th meeting has just been stood down but the next in person event is confirmed for the **20th of October 2023**. For more information contact Regional CNIO, dorothy.bean3@nhs.net

Nursing times – Digital Innovation competition for nurses with an innovative idea how to use an existing technology differently or have been using a modern technology with impact and evidence of effect. <https://digital.nursingtimes.net/digital/en/page/nurses-technology-innovation-competition>

Artificial intelligence and nursing: opportunity or threat? Session in which Dr O'Connor will explore the opportunities and threats presented by the growing prevalence of AI technologies in healthcare. Sign up here: -

https://www.brighttalk.com/webcast/7323/586672?utm_source=HealthcareFinancialManagementAssociation&utm_medium=brighttalk&utm_campaign=586672

Thank you for listening and joining in

Dorothy and Sam

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- Henderson V., Nursing Need Theory <https://nurseslabs.com/virginia-hendersons-need-theory/>
- **Roper-Logan-Tierney (2020) Model of Nursing Based on Activities of Living** <https://nursology.net/nurse-theories/roper-logan-tierney-model-of-nursing-based-on-activities-of-living/>
- The Digital Nursing team (2023) Towards a unified vision of nursing and midwifery documentation (draft) NHSX <https://future.nhs.uk/DigitalNursesNetwork/view?objectID=164295781>
- The Nursing Process. https://en.wikipedia.org/wiki/Nursing_process