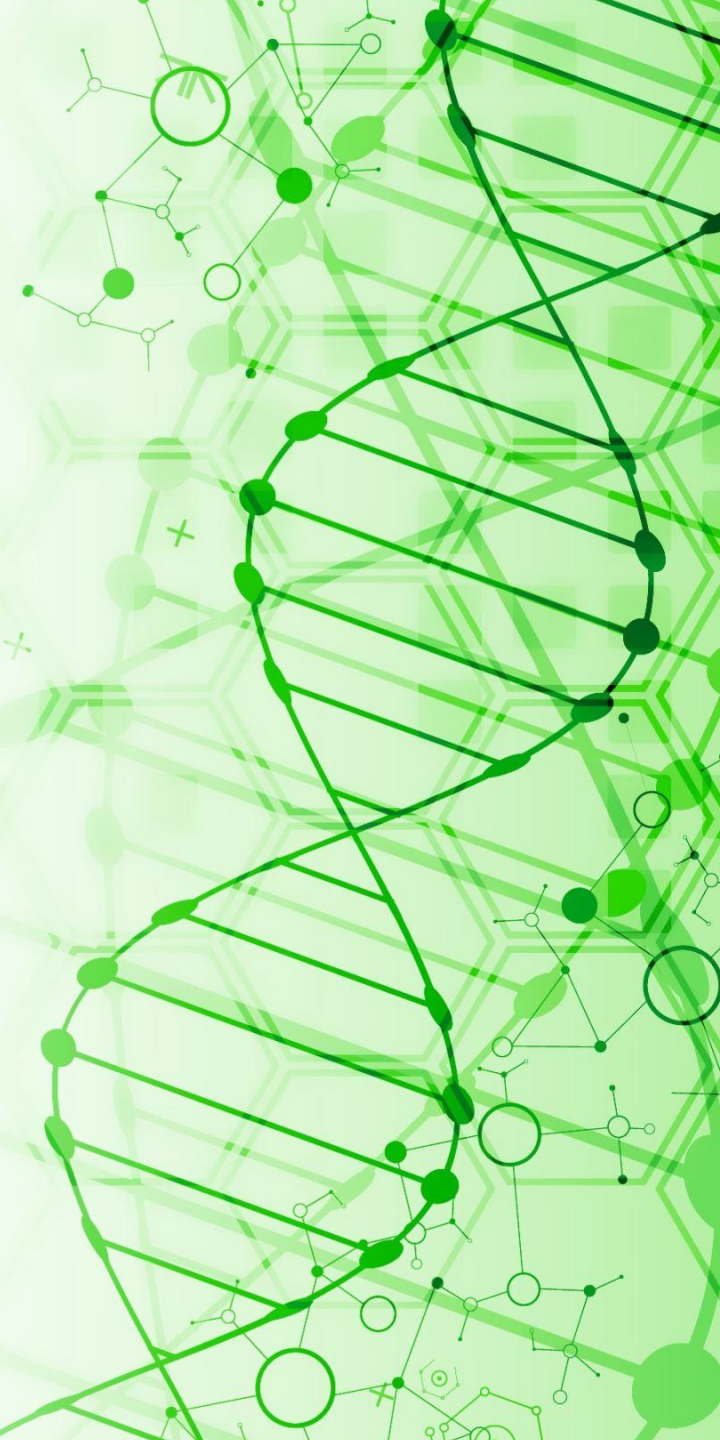


Assessment 1 – Presentation to Informatics Staff

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What is Health Informatics?

- Integrating information technology with a focus on improving healthcare information management is what "Health informatics" is all about.
- The rising technological progress has an impact on nursing.
- Finding a nursing position that incorporates the latest technologies has now become crucial.
- The integration of Information Technology (IT) into nursing duties is known as "nursing informatics".
- The American Nursing Association (ANA) recognized the importance of nursing informatics in knowledge transfer, information, documentation, and nursing activity.

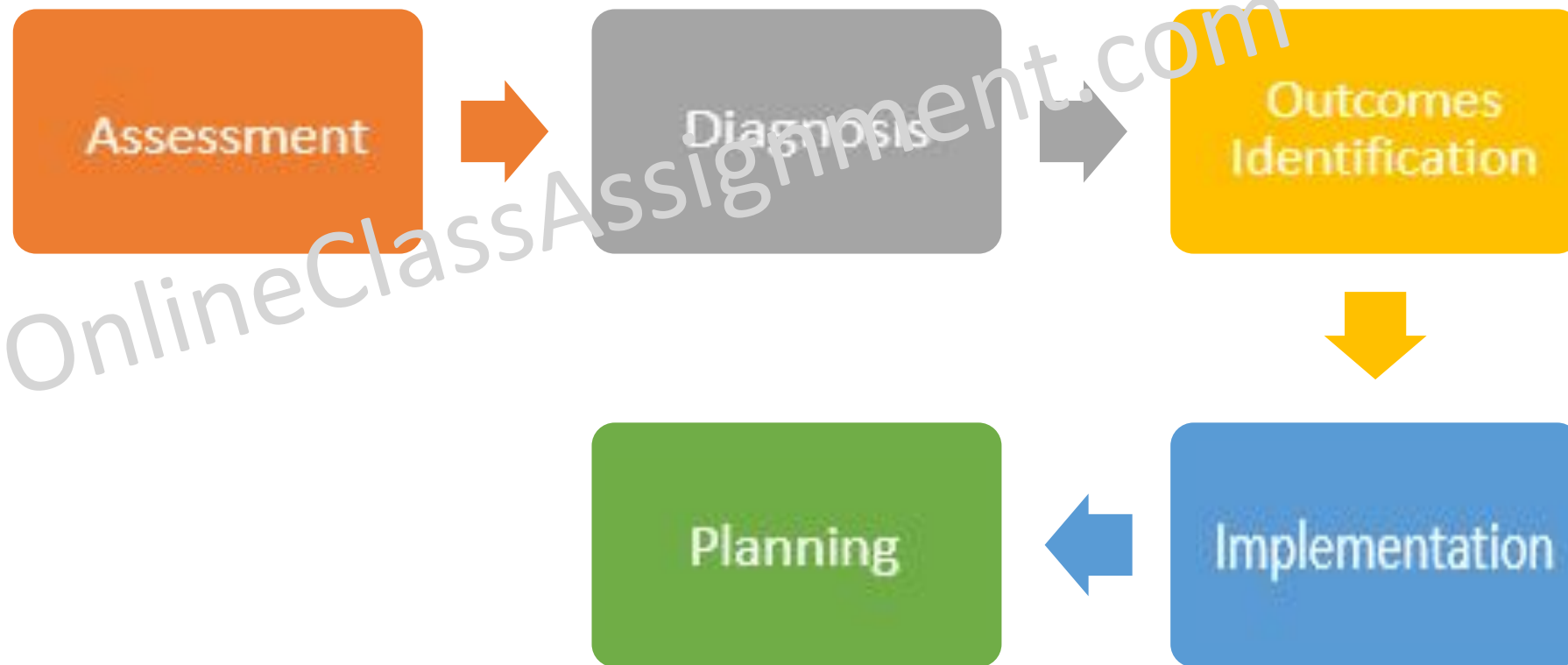
Standards in Nursing Practice: Their Importance

- Encourage and direct medical care and standards
- utilizing as an instrument for effectiveness and safety evaluation
- help create safe employment procedures
- used for spot areas that require improvement
- Ensure uniformity across the healthcare sector so that patients are offered high-quality care



Standards of Nurse Practice: American Nurse Association (ANA)

- The nursing process, a critical and reflective approach, is used to explain the professional quality of nursing practice



Data Validation



Accurate



Verifiable



Reliable



Complete



Finding
solutions

In-Validated Data

Cannot
be
proved
because:

Unverifiable data

Delayed data-entry

Miscommunication

Human mistakes

Missing information

Nursing Informatics Theoretical Model



EMPOWERMENT
INFORMATICS FRAMEWORK



THE FOUNDATION OF THE
KNOWLEDGE MODEL

Assessing How Validated Data Can be Used to Uncover Practice Gaps



identify problem areas or flaws, allowing the opportunity to shift resources



gives relevant information to use in making decisions



Increase the level of care standardisation in a hospital setting



can assess performance and identify areas for improvement for better results

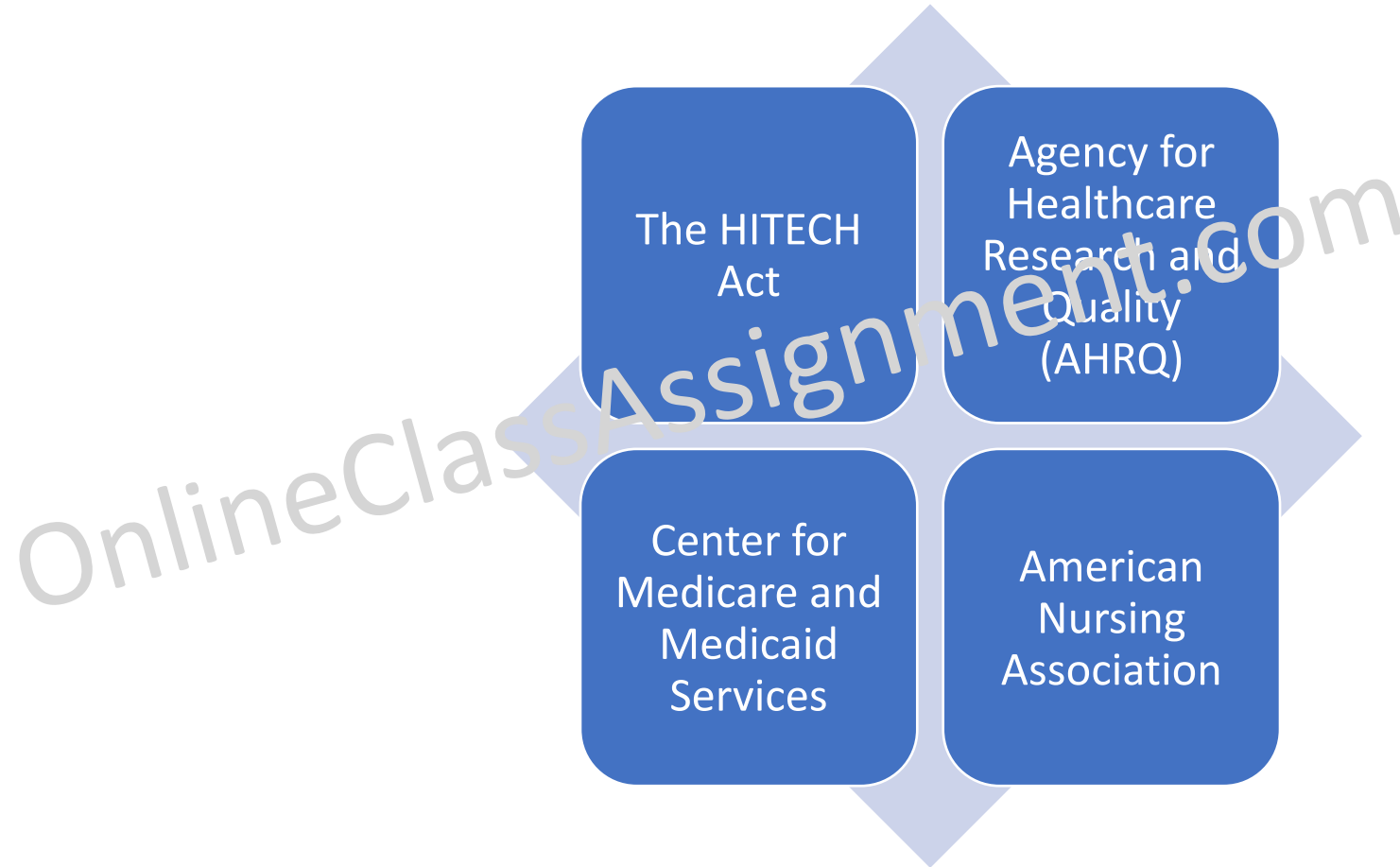


Evaluate any guidelines and missing or ineffective procedures.

Nursing Informatics Theoretical Model – Importance

- Self-management studies
- using reliable, patient-empowering technologies
- integrates nursing informatics with treatments for chronic illness
- connections between the traits, behaviors, and objectives of the patient.
- Helps in evaluating the data to help alter the existing treatment plan or therapy.

Regulatory Bodies



Contribution to Quality Outcomes

- Nursing informatics locates loopholes and instructs employees regarding how to find as well as solve them
- Encourages the digital exchange of data through EHR
- Avoids service duplication
- Reduces Healthcare cost
- Minimizes errors due to inter-disciplinary collaboration

Contributions of Ethics and Law to Quality Outcomes

- Every aspect of healthcare action must be ethical.
 - It is a crucial characteristic that is prevalent in nursing informatics.
 - Patient health record must be kept protected in HER
 - Legal liabilities have the potential to substantially harm the healthcare facility finances, credibility, and reputation.
 - The nurse informaticists need to understand the legal implications of their responsibilities.
-

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