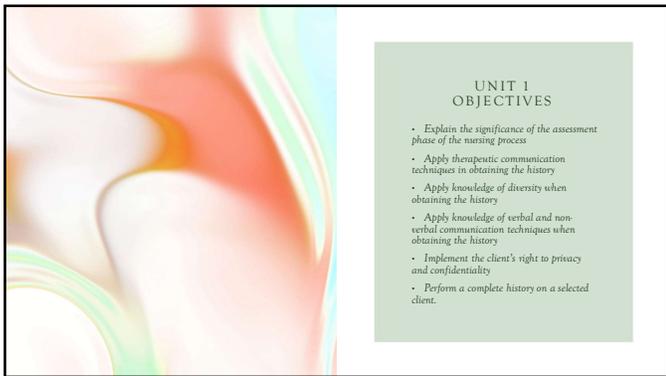




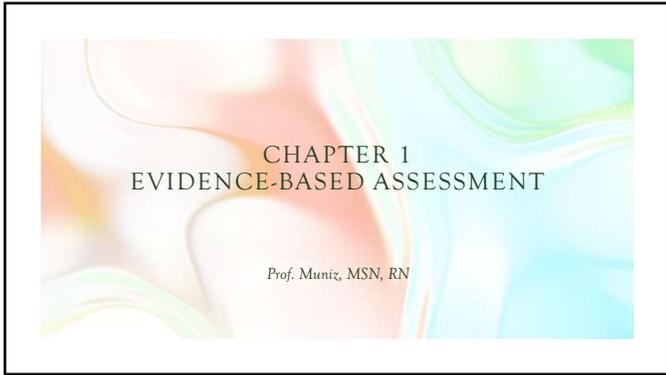
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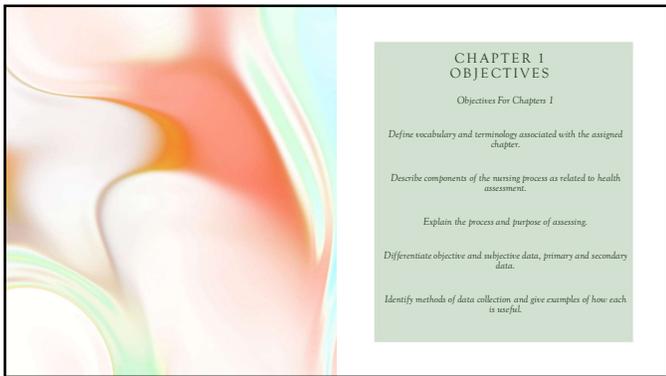
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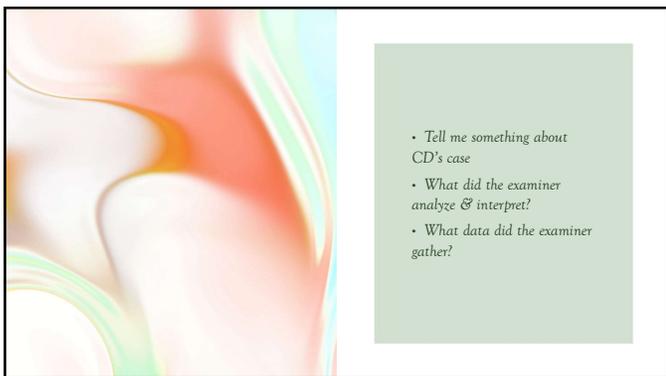
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5



6



What is assessment?

Assessment is the collection of data about the individual's health state.

The purpose of assessment is to make a judgement or diagnosis about an individual's health state, response to actual or potential health problems.

An organized assessment is the starting point of diagnostic reasoning.

All health care diagnoses, decisions, and treatments are based on the data the practitioner gathers during assessment.

The assessment must be factual and complete.

7



The nurse collects & analyzes SUBJECTIVE and OBJECTIVE data from primary and secondary sources.

What is SUBJECTIVE data?

Subjective data is what the person says about himself or herself during history taking

What is OBJECTIVE data?

Objective data is what the nurse observes by inspecting, percussing, palpating, and auscultating during the physical examination.

8



Diagnostic reasoning

Is the process of analyzing health data and drawing conclusions to identify a diagnoses.

This hypothetico-deductive process has 4 components

- Attending to initially available cues
- Formulating diagnostic hypotheses
- Gathering data relative to the tentative hypotheses
- Evaluating each hypothesis with the new data collected
- Arriving at a diagnosis

Cue

- Is a piece of information
- A sign or symptom
- Piece of laboratory data

Hypothesis

A tentative explanation for a cue or set of cues that can be used as a basis for further investigation

9

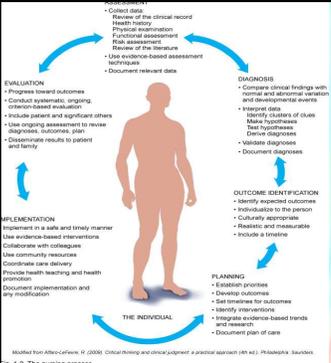


The Nursing Process is the standard of practice in nursing.

It includes six phases:
 Assessment
 Diagnosis
 Outcome identification
 Planning
 Implementation
 Evaluation

The nursing process is a dynamic, interactive process
 The nurses moves back and forth within the phases.

10



ASSESSMENT

- Collect data
- Review of the clinical record
- Health history
- Physical examination
- Functional assessment
- Risk assessment
- Review of the literature
- Use evidence-based assessment techniques
- Document relevant data

DIAGNOSIS

- Compare clinical findings with normal and abnormal variation and developmental events
- Formulate data
- Identify clusters of clues
- Make hypotheses
- Test hypotheses
- Define diagnoses
- Validate diagnoses
- Document diagnoses

OUTCOME IDENTIFICATION

- Identify expected outcomes
- Individualize to the person
- Culturally appropriate
- Realistic and measurable
- Include a timeline

PLANNING

- Establish priorities
- Develop outcomes
- Set timelines for outcomes
- Identify interventions
- Integrate evidence-based trends and research
- Document plan of care

IMPLEMENTATION

- Implement in a safe and timely manner
- Use evidence-based interventions
- Collaborate with colleagues
- Use community resources
- Escalate care delivery
- Provide health teaching and health promotion
- Document implementation and any modification

EVALUATION

- Progress toward outcomes
- Conduct systematic, ongoing, criterion-based evaluation
- Include patient and significant others
- Use ongoing assessment to revise diagnoses, outcomes, plan
- Disseminate results to patient and family

THE INDIVIDUAL

Modified from Attkisson, R. (2005). Critical thinking and clinical judgment: a practical approach (3rd ed.). Philadelphia: Saunders.

Fig. 1-2. The nursing process.

11

• Nursing Process



- Novice to Expert
- Novice
- Competent
- Proficient
- Expert

• Moving from Novice to Expert is through the use of critical thinking

12



- What is Critical Thinking?
- What is Clinical Judgement?

13



Priority Setting

- First level priority problems**
 - Emergent
 - Life threatening
 - Immediate
- Second level priority problems**
 - Prompt intervention to forestall further deterioration
- Third level priority problems**
 - Important to the patient's health
 - Can be addressed after more urgent health problems are addressed
 - Interventions—long term
- Collaborative problems**
 - Treatment involves multiple disciplines.
 - Physiologic conditions—nurses have the primary responsibility to diagnose the onset and monitor the changes in status

14



Evidence Based Practice (EBP)

- Systematic approach to practice
- Emphasizes the use of best evidence
- Combination with the clinician's experience
- Patient preferences and values
 - to make decisions about care and treatment
- Four factors—for clinical decisions
 - The best evidence from a critical review of research literature
 - Patient's own preferences
 - The clinician's own experience and expertise
 - Physical examination and assessment

15



Depending on the clinical setting, the nurse collects 4 types of data bases:

- Complete
- Focused or problem-centered
- Follow-up
- Emergency

16



Complete Database
Includes a complete health history and full physical exam
Describes current and past health states
Forms a baseline against which all future changes can be measured.
Used in primary care settings

Well client
Describes the client's health state, perception of health, strengths or assets such as health maintenance behaviors, individual coping patterns, support systems, current developmental tasks, and any risk factors or lifestyle changes.

Ill client
Also includes a description of the person's health problems, perception of illness and response to the problems.

17



Focused or Problem-Centered Database
Limited or short term problem
A "mini" database
Smaller in scope and more targeted than the complete database.

Follow-Up Database
The status of any identified problems should be evaluated at regular and appropriate intervals.
Used in all settings to follow up both short-term and chronic health problems

18



Emergency Database
Urgent, rapid collection of crucial information
Often compiled concurrently with lifesaving measures.
Diagnosis swift and sure

Once a client is stabilized, a complete database can be compiled.
Maybe compiled from the patient or from another if the patient is unresponsive.

19



Holistic Health

Consideration of the whole person

View the mind, body, and spirit as interdependent and functioning as a whole within the environment.

Health depends on the mind, body and spirit working together.

Basis of disease is multifaceted, originating both from within the person and from the external environment.

20



In the holistic model assessment factors include:

- Culture and values
- Family and social roles
- Self-care behaviors
- Job-related stress,
- Developmental tasks
- Failures and frustrations of life

21



Health promotion and disease prevention now are part of our concept of health.
Guidelines to prevention emphasize the link between health and personal behavior.
Health promotion is a set of positive acts we can take .
Frequency interval of assessment varies
Ill people seek care because of pain or some abnormal signs and symptoms
Well people opinions are inconsistent about assessment intervals.
Routine health checkups are an excellent opportunity to deliver preventive services update the complete database.

22



The Guide to Clinical Preventive Services
Evidence-based, gold standard recommendations
Screening,
Counseling
Preventive topics
Assessment factors must include culture

23



THE END

24
