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Eclampsia emergency nursing Initial assessment

Midwifery & O.G. Nursing | Initial assessment

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Fictional educational example. Individualize using verified patient findings, authorized treatment and current local protocols. No real patient record or observed outcome is claimed.

Patient profile and history

30-year-old pregnant woman with an eclamptic seizure. Care stage: At the first supervised assessment.

Medical history: Fictional obstetric history: G1P0 at 32 weeks. A pregnancy-associated seizure follows reported headache; emergency maternity assessment is underway. No known drug allergy is reported in this fictional interview; this does not replace medicine-by-medicine verification in real care.

Surgical history: No previous major operation is reported in this fictional interview. Confirm procedure details, complications and any relevant devices when applying the exercise.

Personal and family assessment: The woman requests respectful explanation and involvement of her chosen support person with consent. Assess access to maternity follow-up, nutrition, transport and infant-care support.

Scenario: The patient or caregiver wants to know which concern needs attention first.

Clinical assessment

Subjective: Prior headache or visual symptoms may be reported by family.

Objective findings and required checks: Seizure and impaired consciousness require immediate airway and maternity emergency assessment.

Physical examination and investigations: Assess airway, breathing, circulation, seizure duration, blood pressure and ordered maternal/fetal investigations.

Supply actual values, units, timing and trends during supervised application. Do not invent missing clinical data.

Clinical focus and pathophysiology

Eclampsia emergency nursing: Severe pregnancy-associated disease can produce seizures and threaten maternal and fetal life.

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Medical / surgical management

Activate emergency maternity care, protect from injury and support the prescribed seizure, blood-pressure and birth plan.

Illustrative drug and treatment study

Medicine / treatment	Purpose	Nursing checks
Magnesium sulfate as prescribed	Treat and prevent recurrent eclamptic seizures	Monitor protocol-defined toxicity signs and readiness for authorized reversal
prescribed antihypertensive	Manage severe hypertension	Monitor the ordered targets.

Treatment examples are not a prescription. Verify the authorized product, dose, route, timing, contraindications and current local product information.

Nursing process - ADPIE

Assessment

Prior headache or visual symptoms may be reported by family. Seizure and impaired consciousness require immediate airway and maternity emergency assessment. The patient or caregiver wants to know which concern needs attention first.

Nursing diagnosis

Prioritize vulnerability to injury during seizure activity; breathing difficulty affecting oxygenation; reduced circulation to vulnerable tissues; learning needs about the condition and care plan. Validate each concern against assessment. For an actual problem, link the problem, contributing factors and observed cues; for a risk problem, document the risk factors without invented symptoms.

Planning

After the first indicated intervention, at the documented review time: document a patient-specific baseline and measurable target. Agree short- and longer-term outcomes with the patient/caregiver; physiological safety takes priority over teaching and discharge tasks.

Implementation

Activate emergency maternity care, protect from injury and support the prescribed seizure, blood-pressure and birth plan. Establish the immediate clinical priorities and verify the baseline before assuming a diagnosis. Document care, prescribed treatment, consent and escalation.

Evaluation

Compare reassessment with each stated outcome. Mark met, partly met or not met using observed evidence, document the review time and revise the plan. This vignette provides no completed patient outcome.

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Nursing care plan

Nursing diagnoses use original clinical problem wording. They are not the licensed NANDA-I classification. Verify any formal label or code against your institution's licensed current edition; select actual or risk diagnoses only when supported by assessment.

Context task: Establish the immediate clinical priorities and verify the baseline before assuming a diagnosis.

Set individualized measurable targets and an exact review time. Select actual or risk statements only when supported by assessment.

Assessment: subjective / objective	Nursing diagnosis: original problem wording	Short- and longer-term goals	Nursing interventions with rationale	Evaluation
Ask: Ask about warning symptoms, seizure history and prescribed treatment. Assess: Observe consciousness, seizure features, duration and recovery.	Vulnerability to injury during seizure activity. Possible factors: altered neurological activity or the underlying condition. Validate against the patient's assessment.	Short-term: After the first indicated intervention, at the documented review time: The patient is protected from avoidable injury and urgent prolonged activity is escalated. Longer-term: Before the clinically approved transition or agreed follow-up: Patient or caregiver explains the individualized seizure first-aid and follow-up plan.	1. Time and describe seizure activity and call for urgent help according to protocol. Rationale: Duration and recovery help identify an emergency. 2. Protect from nearby hazards, avoid restraint and place nothing in the mouth. Rationale: These actions reduce avoidable trauma and airway obstruction. 3. Support airway assessment, appropriate recovery positioning and prescribed emergency care. Rationale: Breathing and circulation may be compromised during or after a seizure. 4. Activate emergency maternity care, protect from injury and support the prescribed seizure, blood-pressure and birth plan. Rationale: Severe pregnancy-associated disease can produce seizures and threaten maternal and fetal life. The condition-specific plan addresses the underlying problem while response is monitored.	Record the baseline and reassessed finding, the time and whether this goal is met, partly met or not met. If not met, reassess causes and revise or escalate. Do not record an unobserved improvement.

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Assessment: subjective / objective	Nursing diagnosis: original problem wording	Short- and longer-term goals	Nursing interventions with rationale	Evaluation
Ask: Ask about breathlessness, chest tightness and activity tolerance. Assess: Record respiratory rate, effort, SpO2 and mental state against the prescribed target.	Breathing difficulty affecting oxygenation. Possible factors: altered ventilation or gas exchange. Validate against the patient's assessment.	Short-term: After the first indicated intervention, at the documented review time: Breathing effort improves and oxygenation remains within the individualized target. Longer-term: Before the clinically approved transition or agreed follow-up: Explains the respiratory action plan and demonstrates the prescribed device technique.	1. Reassess work of breathing and response to each intervention. Rationale: Trend changes identify deterioration earlier than a single reading. 2. Position to ease breathing, cluster care and allow rest. Rationale: This can reduce respiratory demand and distress. 3. Give oxygen and respiratory medicines only according to the clinical prescription or emergency protocol. Rationale: Individualized treatment supports oxygenation without unsafe blanket targets.	Record the baseline and reassessed finding, the time and whether this goal is met, partly met or not met. If not met, reassess causes and revise or escalate. Do not record an unobserved improvement.
Ask: Ask about dizziness, chest discomfort, fatigue and cold extremities. Assess: Assess consciousness, pulse, blood pressure, capillary refill and urine trend.	Reduced circulation to vulnerable tissues. Possible factors: altered blood flow or cardiac function. Validate against the patient's assessment.	Short-term: After the first indicated intervention, at the documented review time: Circulation and consciousness remain within the clinician-agreed targets. Longer-term: Before the clinically approved transition or agreed follow-up: Describes symptoms that require immediate review and the agreed follow-up plan.	1. Trend perfusion findings and escalate new chest pain, shock or altered consciousness immediately. Rationale: Poor circulation can rapidly threaten organ function. 2. Balance activity and rest and maintain the ordered monitoring schedule. Rationale: Reducing demand supports recovery while trends guide treatment. 3. Administer prescribed therapy and monitor effects and adverse reactions. Rationale: Response monitoring supports safe correction of the underlying problem.	Record the baseline and reassessed finding, the time and whether this goal is met, partly met or not met. If not met, reassess causes and revise or escalate. Do not record an unobserved improvement.

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Assessment: subjective / objective	Nursing diagnosis: original problem wording	Short- and longer-term goals	Nursing interventions with rationale	Evaluation
Ask: Ask what the learner already knows and wants to understand. Assess: Use teach-back or demonstration to identify specific gaps.	Learning needs about the condition and care plan. Possible factors: new information, complex treatment or limited prior teaching. Validate against the patient's assessment.	Short-term: After the first indicated intervention, at the documented review time: Explains the most important immediate action in their own words. Longer-term: Before the clinically approved transition or agreed follow-up: Demonstrates the agreed care skills and names follow-up and warning signs.	1. Assess language, literacy, hearing, vision and preferred learning method. Rationale: Accessible teaching improves understanding. 2. Teach a few condition-specific points using plain language and demonstration. Rationale: Focused information is easier to retain and apply. 3. Use teach-back, correct misunderstandings and provide an accessible written plan. Rationale: Checking understanding supports safer self-management. 4. After stabilization explain ongoing postpartum monitoring, follow-up and recurrence-related counseling. Rationale: Condition-specific teaching connects the treatment plan to safe continuing care.	Record the baseline and reassessed finding, the time and whether this goal is met, partly met or not met. If not met, reassess causes and revise or escalate. Do not record an unobserved improvement.

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Health education and continuing care

After stabilization explain ongoing postpartum monitoring, follow-up and recurrence-related counseling.

Transition only after clinical readiness is confirmed. Reconcile medicines, check access and caregiver support, and document who will review the patient and when.

Urgent warning signs

Recurrent seizure, respiratory depression, shock or reduced consciousness requires immediate senior emergency support.

Evaluation and conclusion

For each goal, document met, partly met or not met using observed evidence and the review time. Reassess and revise if progress is inadequate. Individual assessment, prioritized care and coordinated review guide this topic.

Quick Revision

- Severe pregnancy-associated disease can produce seizures and threaten maternal and fetal life.

- Priority concerns: Vulnerability to injury during seizure activity; Breathing difficulty affecting oxygenation; Reduced circulation to vulnerable tissues; Learning needs about the condition and care plan.

- Recurrent seizure, respiratory depression, shock or reduced consciousness requires immediate senior emergency support.

- After stabilization explain ongoing postpartum monitoring, follow-up and recurrence-related counseling.

Exam / viva: Which finding changes the order of priorities, and what must be escalated immediately?

References

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