



ATI Swift River Simulations 2.0

Client Report Sheet

Room Number: 101	Allergies:	Diet: Diabetic	Acuity 1 2 3
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Client Name: Donald Lyles	Pronouns: he/him
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Health Alteration/Concept and Exemplar: uncontrolled diabetes type II

Date of Birth/Age: 12/14/72 52 yrs old	Code Status:
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Medical Record Number: 86916221	Provider:
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SBAR report:

Situation: Admitted yesterday for stabilization of uncontrolled DM type II - dx 6 mo ago; on oral antidiabetic med. On admission: HgA1C 13.2% and BS 320.

Background: PMH: acute MI over a year ago - refused cardiac rehab and was Rx antihypertensive med
BMI: 37; does not follow any diet recommendations
Not married and sister is durable power of attorney

Assessment: Current VS: temp - 99.2, pulse - 88, RR - 22, BP 146/94, and O2 94% rm air
Current BS: 98; on subq insulin sliding scale

Recommendations: Continue to monitor BS, continue diabetic diet, education on managing diabetes

Client specific considerations that surround diversity and inclusion (culture, religion, age, language):

Time	Blood Pressure	Heart Rate	Respirations	Temperature	SpO ₂
0700	146/94	88	22	99.2	94%

Neurologic Assessment Findings:

Numbness in toes

Cardiovascular (Perfusion) Assessment Findings:
S1 and S2 noted, regular rhythm
Pulses equal and 2+ in all extremities
Capillary refill - 3 sec in BLE and 2 sec in BUE

Respiratory (Gas Exchange) Assessment Findings:
Lungs clear bilaterally

Oxygen Delivery: **Rm air**

Oxygen Amount:

GI/GU (Elimination) Assessment Findings:
Abdomen soft and nontender; normoactive bowel sounds
Diabetic diet - eating and drinking well

Skin (Tissue Perfusion) Assessment Findings:
Skin warm and dry
Mucous membranes pink and moist

Lab Results:
Admin - HgA1C 13.2% & BS 320
Current - BS 98

Diagnostic Results:
N/a

IV site: **Right forearm - saline lock**

Medications	Dosage	Route	Frequency	Time
Insulin lispro	Sliding scale	Subq	<i>Before meals</i>	

ACTIVE LEARNING TEMPLATE: *Medication*

STUDENT NAME Natalie Zizumbo

MEDICATION Insulin lispro (Humalog)

REVIEW MODULE CHAPTER 83

CATEGORY CLASS Rapid-acting insulin

PURPOSE OF MEDICATION

Expected Pharmacological Action

To move glucose from blood into cells, convert glucose into glycogen and store for energy, move potassium into cells (ATI Nursing, 2023).

Therapeutic Use

Lower blood sugar levels (ATI Nursing, 2023).

Complications

Hypoglycemia, hypokalemia, lipohypertrophy (ATI Nursing, 2023).

Medication Administration

Administer before meals
Don't use if solution is cloudy
Rotate sites
Use insulin syringe (ATI Nursing, 2023).

Contraindications/Precautions

BS lower than 70, pregnancy, lactation (ATI Nursing, 2023).

Nursing Interventions

Monitor for hypoglycemia
Monitor BS
Administer appropriate dose based on BS (ATI Nursing, 2023).

Interactions

Beta blockers, alcohol, thiazide diuretics, glucocorticosteroids (ATI Nursing, 2023).

Client Education

Proper administration of insulin
Proper storage of insulin
S/S of hypoglycemia and hyperglycemia
How to check blood glucose at home (ATI Nursing, 2023).

Evaluation of Medication Effectiveness

BS will remain in normal range

ACTIVE LEARNING TEMPLATE: *Medication*

STUDENT NAME Natalie Zizumbo

MEDICATION clopidogrel (Plavix)

REVIEW MODULE CHAPTER 32

CATEGORY CLASS Antiplatelet agent

PURPOSE OF MEDICATION

Expected Pharmacological Action

To prevent platelets from forming clots (ATI Nursing, 2023).

Therapeutic Use

Prevent clots from forming and causing blockage where the heart stent was placed

Complications

GI upset, bleeding, bruising (ATI Nursing, 2023).

Medication Administration

Take daily with or without food
Avoid drinking grapefruit juice
Avoid aspirin and other NSAIDs
- can increase risk of bleeding (ATI Nursing, 2023).

Contraindications/Precautions

Precaution - history of GI ulcers (ATI Nursing, 2023).

Nursing Interventions

Monitor for bleeding and bruising
Monitor CBC

Interactions

Grapefruit juice
Aspirin and NSAIDs (ATI Nursing, 2023).

Client Education

Educate on signs of bleeding and report excessive bruising and bleeding
Monitor for blood in urine and stool

Evaluation of Medication Effectiveness

no clots form

ACTIVE LEARNING TEMPLATE: *System Disorder*

STUDENT NAME Natalie Zizumbo

DISORDER/DISEASE PROCESS Diabetes mellitus type II

REVIEW MODULE CHAPTER 83

Alterations in Health (Diagnosis)
Uncontrolled diabetes mellitus type II

Pathophysiology Related to Client Problem
Insulin resistance and decreased production of insulin from beta cells (ATI Nursing, 2023).

Health Promotion and Disease Prevention
Managing diabetes with medication compliance, dietary changes and weight loss (ATI Nursing, 2023).

ASSESSMENT

Risk Factors
45 years old or older - client is 52
Hypertension - BP is 146/94
HgA1C greater than 6.5% - client's was 13.2%
Obesity - client BMI is 37 (ATI Nursing, 2023).

Expected Findings
Polyuria, polydipsia, polyphagia
Headache, nausea, abdominal pain, vision changes, weakness, impaired healing, difficulty concentrating (ATI Nursing, 2023).

Laboratory Tests
Blood glucose > 200
Fasting blood glucose > 126
HgA1C > 6.5%
Urine ketones - hyperglycemia >300; med. emergency (ATI Nursing, 2023).

Diagnostic Procedures
Self-monitored blood glucose (ATI Nursing, 2023).

SAFETY CONSIDERATIONS

Skin integrity and wound healing
Blood glucose monitoring
Appropriate insulin administration (ATI Nursing, 2023).

PATIENT-CENTERED CARE

Nursing Care
Monitor for hypoglycemia or hyperglycemia
Monitor blood glucose
Monitor skin (ATI Nursing, 2023).

Medications
Insulin - always for type I or in type II if not able to control with diet/exercise/oral meds
- subq
Oral antidiabetic meds - Type II with diet/exercise changes

(ATI Nursing, 2023).

Client Education
Self admin of insulin - rotate injection sites; inject subq and at 90 degree angle/45 if thin
Eat regularly, avoid alcohol, adjust insulin to exercise and diet
S/S of hypoglycemia and how to treat - eat 15-20g carbs
S/S of hyperglycemia (ATI Nursing, 2023).

Therapeutic Procedures
Insulin, oral antidiabetic meds, lifestyle changes, insulin pump or pen (ATI Nursing, 2023).

Interprofessional Care
Diabetes educator (ATI Nursing, 2023).

Complications
Hypertension, stroke, MI, diabetic retinopathy, neuropathy, and nephropathy, other CV disease, DKA, HHS (ATI Nursing, 2023).

ACTIVE LEARNING TEMPLATE: *Therapeutic Procedure*

STUDENT NAME Natalie Zizumbo

PROCEDURE NAME Cardiac catheterization

REVIEW MODULE CHAPTER 32

Description of Procedure

A procedure used to examine a coronary artery blockage and the severity of it (ATI Nursing, 2023). A catheter is inserted through the femoral artery and threaded into the heart (ATI Nursing, 2023). Contrast is then used to identify any narrowing or blockages (ATI Nursing, 2023). A stent can also be placed during this time to open the blockage/narrowing (ATI Nursing, 2023).

Indications

If coronary artery blockage is suspected (ATI Nursing, 2023).

Outcomes/Evaluation

Blockage is identified and treated appropriately
If stent is placed, blockage/narrowing is treated and artery remains open

Potential Complications

bleeding, infection, emboli, contrast-induced nephropathy (ATI Nursing, 2023).

CONSIDERATIONS

Nursing Interventions (pre, intra, post)

- ~ Pre - ensure understanding of procedure and consent is signed; NPO 4-8 hr before procedure; check for iodine/shellfish allergy (ATI Nursing, 2023).
- ~ Intra - educate on experiencing palpitations as catheter enters the heart, feeling hot/heat or feeling like they need to cough as contrast is injected (ATI Nursing, 2023).
- ~ Post - monitor VS every 5 min then every hour; continuous heart monitoring; serial ECGs; strict I&O; neurovascular assessment of extremity; strict bed rest 2-6 hours postop; monitor creatinine; monitor surgical site for bleeding and infection (ATI Nursing, 2023).

Client Education

- Educate on what will happen during the procedure and the sensations they may feel such as heat, coughing or palpitations
- Educate on remaining supine in bed for a few hours postoperatively
- Educate on continuous heart monitoring, strict I&O, and neurovascular checks postoperatively
- Educate on anti-platelet medication they will be prescribed

Nursing Interventions

- Monitor surgical site
- Monitor VS
- Monitor creatinine
- Strict I&O