



UNIT 14

HOW TO COMMUNICATE WITH PATIENTS IN THE ORTHOPEDIC WARD



Lecturer:

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English for Nursing Communication II



Team Lecturers:

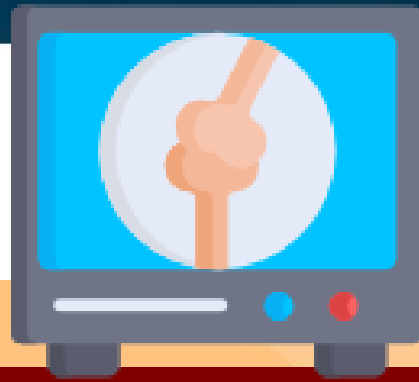
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OUTLINE

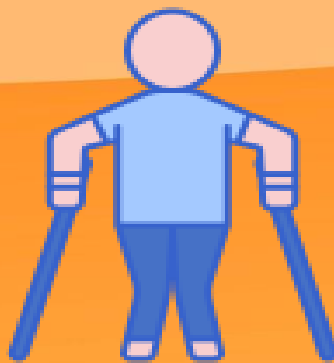
1. Concept of academic reading in nursing
 - reading strategies and exercises applicable to answer news, research articles, commentaries, academic paper healthcare issues
2. Concept of active listening in nursing Part 1
 - news related listening exercises
3. Concept of active listening Part 2
 - conversation, lecture listening related exercises
4. Concept of writing in nursing Part 1
 - narrative writing related activities
5. Concept of writing in nursing Part 2
 - nurse' resume related writing activities
6. Concept of writing in nursing Part 3
 - nurses' notes writing related activities
7. Concept of writing in nursing Part 4
 - nursing care plan writing related activities
8. Concept of writing in nursing Part 5
 - laboratory reports related activities
9. Concept of writing in nursing Part 6
 - hand over reports/nurses' endorsement reports
10. Concept of writing in nursing Part 7
 - case study related activities
11. Concept of writing in nursing Part 8
 - writing research papers
12. How to communicate with patients in the medical ward
 - listening, reading, writing related exercises
13. How to communicate with patients in the surgery ward
 - listening, reading, writing related exercises
14. How to communicate with patients in the orthopedic ward
 - listening, reading, writing related exercises
15. How to communicate with patients in the maternal and child ward
 - listening, reading, writing related exercises

OBJECTIVES



At the end of the course, each student nurses should be able to :

1. Identify the types of orthopedic surgeries.
2. Apply the preoperative management and nursing care.
3. Apply the post operative management and nursing care.
4. Answer the practice test in a separate worksheet.



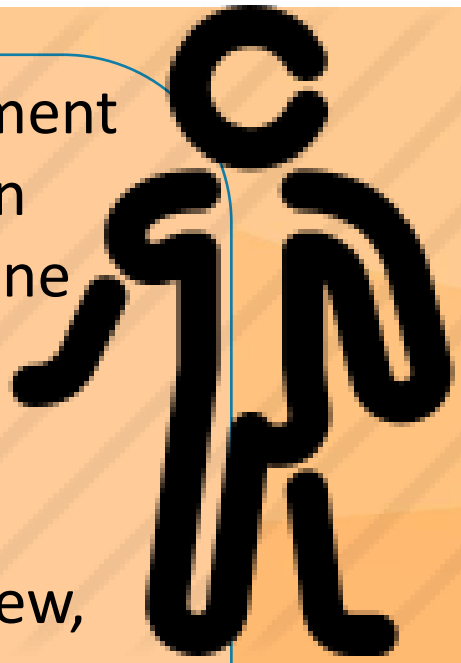
OVERVIEW

- Orthopedics aims to treat the problems of the musculoskeletal system that includes bones, joints, ligaments, tendons and muscles.
- Care involves a team approach performed by surgeons, nurses and physiotherapists.



1. TYPES OF ORTHOPEDIC SURGERIES

- ❖ **open reduction** – reduction and alignment of the fracture through surgical incision
- ❖ **closed reduction** – manipulation of bone fragments or joint dislocation without surgical incision.
- ❖ **internal fixation** – stabilization of the reduced fracture with use of metal screw, plates, nails, or pins
- ❖ **bone graft** – placement of autologous or homologous bone tissue to replace, promote healing of, or stabilize diseased bone



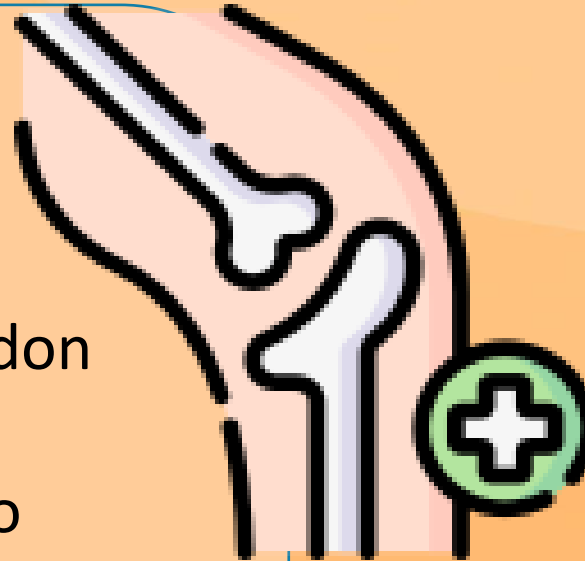
1. TYPES OF ORTHOPEDIC SURGERIES₂

- ❖ **arthroplasty** – repair of a joint; may be done through arthroscope (arthroscopy) or open joint repair
- ❖ **joint replacement** – type of arthroplasty that involves replacement of joint surfaces with metal or plastic materials
- ❖ **total joint replacement** – replacement of both articular surfaces within a joint
- ❖ **meniscectomy** – excision of damaged meniscus (fibrocartilage) of the knee



1. TYPES OF ORTHOPEDIC SURGERIES₃

- ❖ **tendon transfer** – movement of tendon insertion point to improve function
- ❖ **fasciotomy** – cutting muscle fascia to relieve constriction or contracture
- ❖ **amputation** – removal of a body part

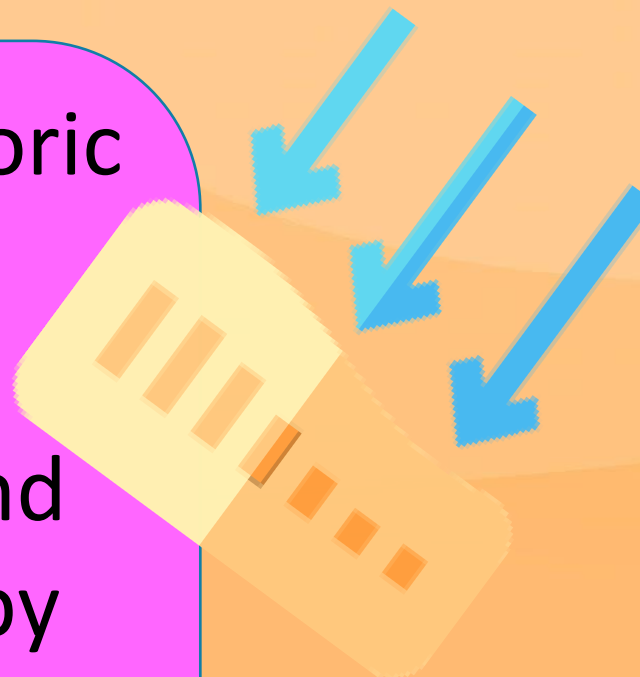




2. PREOPERATIVE MANAGEMENT AND NURSING CARE₁

- ❑ Hydration, protein, and caloric intake are assessed

GOAL: to maximize healing and reduce risk of complications by providing I.V. fluids, vitamins, and nutritional supplements as indicated





2. PREOPERATIVE MANAGEMENT AND NURSING CARE₂

GOAL:

If patient has had previous corticosteroid therapy, it could contribute to current orthopedic condition (aseptic necrosis of the femoral head, osteoporosis) as well as affect the patients response to anesthesia and the stress of surgery; may need corticotropin postoperatively





2. PREOPERATIVE MANAGEMENT AND NURSING CARE₃

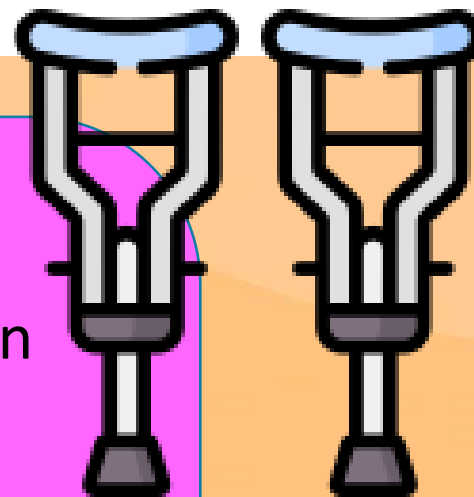
EVALUATION:

- Evaluate for infection (cold, dental, skin, UTI), which could contribute to development of osteomyelitis after surgery
 - It is important to determine whether preoperative antibiotics will be necessary.
- Coughing and deep breathing, frequent vital sign and wound checks, repositioning are described to prepare patient.



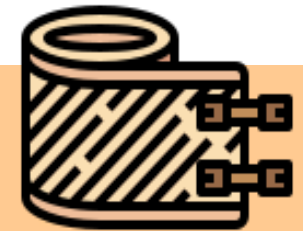
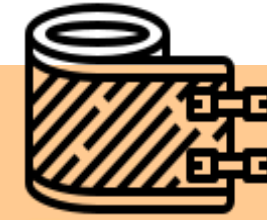
2. PREOPERATIVE MANAGEMENT AND NURSING CARE₄

- The patient should practice voiding in bedpan or urinal in recumbent position before surgery
 - This helps reduce the need for postoperative catheterization
- The patient is acquainted with traction apparatus and the need for splint or cast, as indicated by type of surgery
- Review discharge and rehabilitation options post- surgery.





3. POST OPERATIVE MANAGEMENT AND NURSING CARE



- Neurovascular status is monitored, and swelling caused by edema and bleeding into tissues needs to be controlled
- The affected area is immobilized and activity limited to protect the operative site and stabilize musculoskeletal structures
- Hemorrhage and shock, which may result from significant bleeding and poor hemostasis of muscles that occur with orthopedic surgery, are monitored
- Complications of immobility are prevented through aggressive and vigilant postoperative care

CONCLUSION



Ultimately, perioperative nurses are always challenged to provide optimal care for patients receiving bone surgeries or treatments and at some point, a complex intervention covering all stages of the patient pathway with the incorporation of patient choice and individualization of therapies.



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THANK YOU!



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