

Curriculum and Syllabus for Membership Training of Advanced Practice Nurses

1. Introduction

This paper explains the design of the curriculum and syllabus necessity to become an advanced practice nurse (APN). The curriculum and syllabus for APN in Orthopaedics are structured following the requirement from the Hong Kong Academy of Nursing Guidelines for Program Planning and Examination (The Hong Kong Academy of Nursing, 2015).

2. Objectives of the training on APN in Orthopaedics

The training of APN aims at equipping orthopaedic nurses in both theory and clinical practice.

- Equip orthopaedic nurses on sound theoretical-based in basic science, clinical knowledge, evidence-based concept as well as people and organizational management
- Prepare orthopaedic nurses to execute effective clinical skills for caring orthopaedic patients in various settings

3. The training of APN in theory and practice

The training of APN consists of both classroom teaching (theory) and clinical practicum (practice). This paper focuses on the theory part. Regarding to the practical training, please refer to "Orthopaedic Nursing Training – Clinical Log Book".

4. Learning outcomes on theoretical training

Upon completion of theoretical training, orthopaedic nurses are able to achieve the followings.

- Recognize the principle of orthopaedic nursing practice
- Understand the related musculoskeletal anatomy, physiology and pathophysiology
- Understand the principle of both basic and advanced nursing practice
- Realize and apply the evidence-based orthopaedic nursing practice

5. Theoretical training

The Orthopaedic nurse education framework consists of three major components including the generic core, advanced practice core and specialty core. According to the direction from the Hong Kong Academy of Nursing (2015), 60 to 100% structure courses offered at the post-graduate level and the remaining 0 to 40% structured courses offered by specialty course providers.

In order to meet the competencies required of an Advanced Practice Orthopaedic Nurse, trainee has to complete at least 500 hours theory education with the following curriculum (Table 1) and syllabus (Table 2) of subject requirement during the three years of membership training.

Table 1 Curriculum Framework for APN in orthopaedics

| | Generic Core | Advanced Practice Core | Specialty Core |
|---|---|--|--|
| | (Minimum contact hours) | (Minimum contact hours) | (Minimum contact hours) |
| Structured courses at post-graduate level (60-70%) | At least 6 modules of the followings General clinical practice (17) Fundamental of nursing Theoretical function of nursing practice (30) Behavioral sciences (30) Public and primary | At least 4 modules of the followings: Advanced health/physical assessment (30) Biological science (30) Pharmacology (30) Evidence-based practice/clinical decision making (30) Nursing/clinical research (30) | Sub-specialty orthopaedic nursing practice (94) Elective advanced care management on orthopaedic (50) (select 5 orthopaedic advanced care management) Clinical leadership/ patient advocacy (30) |
| Structured courses provided by specialty course provider (30-40%) | health (30) Professional, ethical and legal aspects of nursing practice (30) Health promotion and disease prevention (30) Health care system organization/ health care policy/ health care financing (30) | Complementary and alternative medicine (CAM) (30) Team collaboration/communication (30) Essentials in orthopaedic nursing (24) Advanced orthopaedic nursing practice (23) | |
| Total (minimum 500 hours) | Minimum 167 hours | Minimum 167 hours | Minimum 167 hours |

Master course -

Table 2 Syllabus of Subjects

| Generic co | ore | Minimum 176 hours |
|------------|---|----------------------|
| Item | Topics (Any 6 modules of the following) | Minimum hours |
| 1 | General clinical practice Infection control Occupational safety Occupational health Documentation | 17 |
| 2 | Fundamental of nursing | 30 |
| 3 | Theoretical function of nursing practice Nursing theory Nursing knowledge and perspective | 30 |
| 4 | Behavioral sciences Psychology Sociology Social and cultural dimensions of health Communication and counseling skills Managing people Teaching skills | 30 |
| 5 | Public and primary health Concepts of health Epidemiology Primary health care Community nursing Nursing for elderly | 30 |
| 6 | Professional, ethical and legal aspects of nursing practice • Professional nursing concepts • Conduct and practice • Ethics and law in clinical practice • Risk assessment and risk management | 30 |
| 7 | Health promotion and disease prevention | 30 |
| 8 | Health care system organization/ health care policy/ health care financing Organization behavior Health care economics Heath service management Nursing management Quality management of nursing services | 30 |

Table 2 Syllabus of Subjects (cont'd)

| Advan | aced practice core | Minimum 176 hours |
|-------|--|----------------------|
| Item | Topics (Any 4 modules from no. 9 to 15) | Minimum hours |
| 9 | Advanced health and physical assessment Advanced practice on history taking and age appropriate health assessment Problem-focused physical assessment and related to clinical practice | 30 |
| 10 | Biological sciences Orthopaedic related anatomy and physiology on Spine Foot and ankle Hand Upper limb and lower limb Microbiology | 30 |
| 11 | Pharmacology Pharmacokinetics and pharmacodynamics Pharmacology related to advanced nursing practice Pharmacology across the life span for orthopaedic patients | 30 |
| 12 | Evidence-based practice/ clinical decision making Location of evidence and the critical understanding of evaluating evidence in order to inform clinical decision-making Application of evidence-based practice contextualized in the clinical specialty Analysis of best available evidence to guide practice and clinical decision making | 30 |
| 13 | Nursing/ clinical research Concepts of research design Biostatistics | 30 |
| 14 | Complementary and alternative medicine Exploration the state of the evidence in areas of complementary and integrative medicine Clinical integration of various CAM modalities | 30 |
| 15 | Team collaboration/ communication Organization behavior Conflict management Change theory and managing of change Inter-personal and organizational communication | 30 |

Table 2 Syllabus of Subjects (cont'd)

| Advar | aced practice core | Minimum 176 hours |
|-------|--|----------------------|
| Item | Topics | Minimum hours |
| 16 | Essential in orthopaedic nursing Fracture classification and treatment External fixator care General care on total joint replacement Upper limb trauma Lower limb trauma Pelvic trauma General care on amputee and amputation General care on spinal injury Orthopaedics wound management Sport injury Tractions Care on cast Infectious control in orthopaedic (e.g. MRSA control and outbreak in ward) Allied health practice in Orthopaedics Physiotherapy Occupational therapy Prosthetic and Orthotic | 24 |
| 17 | Advanced orthopaedic nursing practice X-ray interpretation and radiographic investigation in orthopaedics Necrotizing fasciitis Musculoskeletal infection and management Microbiologist's perspectives in orthopaedic conditions Updated traction, casting and bandaging technique Pain management for orthopaedic patients Nurses role in orthopaedics Advanced wound care in orthopaedics General principles on ulcer care Nursing interventions and care of specific type of orthopaedic ulcer Common types of medication in orthopaedics Effect and side-effect Point of care for patients taking orthopaedic medication Day surgery service and specific care Nurse-led pre-operative assessment | 23 |

Table 2 Syllabus of Subjects (cont'd)

| Specia | alty core | Minimum 176 hours |
|--------|---|----------------------|
| Item | Topics | Minimum hours |
| 18 | Sub-specialty orthopaedic nursing practice in Musculoskeletal tumors Knowledge on care of patients with musculoskeletal tumors Musculoskeletal rehabilitation Psychosocial support Nutritional support Trauma Common mechanism of injuries Relationship between the mechanism of injuries to the related bone and soft tissue trauma The clinical features of fractures, dislocation and severe soft tissue injury Recognition the possible physiological and psychosocial problems of clients Appropriate nursing care and coordination Pre-operative, post-operative and rehabilitative management strategy Complication prevention Post-trauma associated pain control Geriatric care Relevant patient education regarding patient's needs, understanding and ability Osteoporosis and sacropenia Hand Anatomical structure and function of hand related to injury Common acute and non-acute hand injuries and related treatment modalities Comprehensive nursing assessment on hand Traumatic micro-vascular surgery as well as related pre and post-operative nursing interventions Replantation surgery and specific post-operative care Potential complications and preventive measures Impact on hand injury/ problem to activity of daily living The role and treatment modalities of allied health colleagues on hand injury/ problem Collaborate with other disciplines for better functional outcomes | 94 |

Table 2 Syllabus of Subjects (cont'd)

| Specia | alty core | Minimum 176 hours |
|--------|---|----------------------|
| Item | Topics | Minimum hours |
| 18 | Sub-specialty orthopaedic nursing practice in (cont'd) Foot and ankle Anatomical structure and physiological function of foot related to injury Common congenital and acquired foot problem/ injury as well as related treatment modalities Foot circulation and structural defect assessment Prevention and emergency care on compartment syndrome Post-operative care on lower limb amputation Knowledge on different types of prosthesis and orthotics in enhancing patient's rehabilitation Gait assessment and impact to patient The role and treatment modalities of allied health colleagues on foot injury/ problem Collaborate with other disciplines for better functional outcomes Spine Common spinal problem and related treatment modalities Neurological assessment Acute management of spinal cord injuries Overall concept on spinal rehabilitation and impact on activity of daily living Care on chronic low back pain and impact on patients Total joint replacement Joint replacement Joint replacement surgery on lower limb and the related nursing implications The role of nurses in clinical pathway on joint replacement surgery Impact of rheumatological disease to joint degeneration Venous thromboembolism prevention and management in orthopaedics Complication and infection prevention Sport injury Anatomical structure of shoulder, elbow, knee and ankle related to sporty injury Principle of care on sport medicine and the nursing implication Acute management of knee and shoulder injuries related nursing care Physiotherapy perspective on sport rehabilitation and impact on nursing care | |

Table 2 Syllabus of Subjects (cont'd)

| Specia | alty core | Minimum |
|--------|---|-----------|
| Бресп | | 176 hours |
| Item | Topics | Minimum |
| | | hours |
| 19 | Elective advanced care management on orthopaedic in (select 5 out of 7) Orthopaedic related tissue viability and soft tissue re-surfacing Anatomical structure of tendons, muscle and blood vessels related to the orthopaedic ulcer management Molecular pathology on orthopaedic tissue viability Clinical reasoning on intervention objective Topical intervention regarding molecular alternations Soft tissue viability management New conjunctive treatment in orthopaedic tissue viability Trauma Pre-hospital and site management for orthopaedic patient Major trauma, polytrauma and pelvic fracture in orthopaedic pateints Specific care on open fracture, and pelvic fracture Specific nursing assessment skills to traumatized patients and related documentation Interpretation of radiological findings Interpretation of clinical, radiological and laboratory findings into full clinical picture Correlation of all the findings to patient's needs and specific nursing care Paediatric orthopaedics Common congenital disorder and the nursing impact Normal and abnormal radiological interpretation Pre-operative and post-operative care Latest development of related surgeries and the impact on nursing care development Rehabilitation and community care Psychosocial impact of the patient and family Developmental impact of paediatric patients Sport injury and nursing on related latest development Latest surgical development on shoulder/ knee injury and the nursing care development The use of ultrasound assessment on soft tissue injury as well as related nursing care Sport injury on athletics and the nursing impact Role of allied health | 50 |

Table 2 Syllabus of Subjects (cont'd)

| Specia | alty core | Minimum 176 hours |
|--------|--|----------------------|
| Item | Topics | Minimum hours |
| 19 | Elective advanced care management on orthopaedic (select 5 out of 7) (cont'd) Fragility hip fracture Nursing role in fragility hip fracture pathway Specific nursing care regarding nursing quality indicators on fragility hip fracture Latest surgical development of fragility hip fracture and the impact to nursing care Elderly friendly model of care and fragility hip fracture Geriatrician and fragility hip fracture as well as nursing impact The role of allied health and the impact to nursing development The discharge planning for patient after fragility hip fracture Handling difficult conditions on total joint replacement Care on joint replacement surgery on patient with multiple comorbidities Care of patient with joint revision and infection Radiological assessment on joint replacement Community care and available resources on joint replacement Nurse-led clinic service on joint replacement Latest development on joint replacement Latest development on joint replacement service and impact to nursing Handling complex conditions on spinal problem Comprehensive neurological assessment and clinical variances in spinal nursing Specific individualized nursing care on spinal cord injuries Community resources on spinal cord injuries and the nursing impact The discharge planning of patients after spinal cord injuries Handling complex spinal rehabilitation in community Sexual rehabilitation on spinal cord injury Alternative therapies on low back pain | |
| 20 | Clinical leadership/ patient advocacy Leadership theory, styles, contemporary approach and strategies Problem solving and data-driven decision making Team-building | 30 |

6. Design and framework of orthopaedic specific module

The above items from 16 to 19 in the "syllabus of subject" are the orthopaedic specific modules. They are designed under the Hong Kong Academy of Nursing Competence Statements for Advanced Practice Nurses (The Hong Kong Academy of Nursing, 2015). The matching of orthopaedic specific modules to the domains of this competence framework is indicated as below (Table 3).

Table 3 Matching of orthopaedic specific module to competence framework

| Subject areas | Domains | | | | | | | |
|---|----------------|-----|--------------------|-----------------|-----------------------|---|-----|--|
| Subject areas | 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| Essential in orthopaedic nursing | | | | | | | | |
| Fracture classification and treatment | All | All | 20,22,23, 24,25 | 28,29 | 32,33,34 | 40,42,44, 47,49 | 53 | |
| External fixator care | All | All | 20,22, 23,24 | 26,28 | 33,34,38 | 42,44, 45 | 53 | |
| General care on total joint replacement | All | All | All | 26,28, 29,30 | 32,33,35, 36,37,38 | 41,42,43, 44,50 | 53 | |
| Upper limb trauma | All | All | 20,21, 22,23 | 26,28 | 32,33, 34,38 | 43,44 | 53 | |
| Lower limb trauma | All | All | 20,21, 22,23 | 26,28 | 32,33, 34,38 | 43,44 | 53 | |
| Pelvic trauma | All | All | 20,21, 22,23 | 26,28 | 32,33, 34,38 | 43,44 | 53 | |
| General care on amputee and amputation | All | All | All | 26,28, 30,31 | 32,33, 37,38 | 40,42,43, 44,47,50 | 53 | |
| General care on spinal injury | All | All | All | 26,28, 30 | 32,33, 37,38 | 40,42,49 | 53 | |
| Orthopaedics wound management | All | All | All | 26,28, 29,30 | All | 39,40,42, 43,44,45, 46,47,48, 49,50,51 | All | |
| Sport injury | All | All | 21,22 | 26,28 | 33 | 43,44 | 53 | |
| Tractions | All | All | 20,21,22 | 26 | 33 | 43 | 53 | |
| Care of cast | All | All | 21,22 | 26 | 33 | | 53 | |
| Infectious control | All | All | 20,21,22, 23,24 | 26 | | 39 | 53 | |
| General understanding on allied health services in Orthopaedics Physiotherapy Occupational therapy Prosthetic and Orthotic | 1,2,7, 9,10 | | 23,24,25 | | | | | |

Table 3 Matching of orthopaedic specific module to competence framework (cont'd)

| Subject areas | Domains | | | | | | | |
|--|-----------------------------|--------------------|-----------------|-----------------|--------------------|---|-----|--|
| Subject areas | 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| Advanced orthopaedic nursing practi | ce | | | | | | | |
| X-ray interpretation and radiographic investigation in orthopaedics | 1,3,4, 5,7 | 12,14, 17 | | | 32 | 49 | 53 | |
| Necrotizing fasciitis | All | All | 20,22, 23,24 | 26,28, 30,31 | 32,33,34 | 39,42,44, 49,51 | 53 | |
| Musculoskeletal infection and management | All | All | 20,22, 23,24 | 26,30 | 32,33,34 | 39,42,44, 49,51 | 53 | |
| Microbiologist's perspectives in orthopaedic conditions | 1,3,4, 5,6,7, 8,9,10 | | 20 | 30 | | 39 | | |
| Updated traction, casting and bandaging technique | 1,2,3, 4,6,7, 9,10,11 | All | All | 26,28, 30 | 32,33,34 | 43,46,47, 48,49,50 | 53 | |
| Pain management for orthopaedic patients Nurses role in orthopaedics | All | All | 22,23, 24 | 28,29 | | 44,45,46 | 53 | |
| Advanced wound care in orthopaedics Different types of ulcers in orthopaedics General principles on ulcer care Nursing interventions and care of specific type of orthopaedic ulcer | All | All | All | 26,28, 29,30 | 32,33,34, 37,38 | 39,40,42, 43,44,45, 46,47,48, 49,50,51 | All | |
| Common types of medication in orthopaedics Effect and side-effect Point of care for patients taking orthopaedic medication | 3,5,6, 7,8,9, 10,11 | All | 22,23 | 28 | | 44,45 | 53 | |
| Day surgery service and specific care | 2 | | 20,21, 22 | 30 | 32,36 | 41,44,45 | | |
| Nurse-led pre-operative assessment | All | All | 22,23 | 26,30 | 32,36, 37,38 | 40,41,44, 45,46,49 | | |
| Sub-specialty orthopaedic nursing pra | actice in | | | | | | | |
| Musculoskeletal tumors | | | | | | | | |
| Knowledge of care patients with musculoskeletal tumors | All | All | 20,22 | | 33 | 44 | 53 | |
| Musculoskeletal rehabilitation | All | All | 20,22, 23,24 | 26,28 | 32,33 | 44 | 53 | |
| Psychosocial support | 1,2,4, 6,7,9, 10,11 | All | 20,22, 23,24 | 26 | 37,38 | 44 | 53 | |
| Nutritional support | All | 12,13,15, 16,19 | 22 | 31 | 33 | 44 | 53 | |

Table 3 Matching of orthopaedic specific module to competence framework (cont'd)

| Subject areas | | | | Domains | | | |
|--|-------------------------|-----------------|-----------------|-----------------|------------------------|---------------------------------|----|
| <u> </u> | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Sub-specialty orthopaedic nursing practice in | 1 | | | | | | |
| Trauma | | | | | | | |
| Common mechanism of injuries | | 14,15, 18,19 | | | 32 | 39 | 53 |
| Relationship between the mechanism of injuries to the related bone and soft tissue trauma | All | All | | | 32,33, 35 | 39 | 53 |
| The clinical features of hip fracture and other types of fracture | | | | | 32 | 39 | 53 |
| Recognition the possible physiological and psychosocial problems of clients | All | All | 20,22, 23,24 | 29 | 32,37, 38 | 39 | 53 |
| Appropriate nursing care and coordination | All | All | 20,22, 23,24 | 26,28, 30,31 | 32,33, 37,38 | 39,42,43, 44,45,46, 49,50 | 53 |
| Pre-operative, post-operative and rehabilitative management strategy | All | All | 20,22, 23,24 | 26,28, 30,31 | 32,33, 37,38 | 39,42,43, 44,45,46, 49,50 | 53 |
| Complication prevention | All | All | 22 | 26,28, 30,31 | 32,33 | 42,43,44, 45,49,50 | 53 |
| Post-trauma associated pain control | All | All | 22,23, 24,25 | 26,28 | 32,33 | 42,43, 44,45 | 53 |
| Geriatric care | All | All | 20,21, 22,23 | 30 | 32,33 | 44,45 | 53 |
| Relevant patient education regarding patient's needs, understanding and ability | All | All | 21,22, 23,24 | | | | 53 |
| Osteoporosis and sacropenia | All | All | 20,21, 22,23 | 26,28, 30,31 | 32,33 | 42,43, 44,45 | 53 |
| Hand | | | | | | | |
| Anatomical structure and function of hand related to injury | 2,4 | | | | | 39 | 53 |
| • Common acute and non-acute hand injuries and related treatment modalities | All | All | 20,22 | 26,28 | 32,33, 34,37, 38 | 39,42,43, 44,46, 49,50 | 53 |
| Comprehensive nursing assessment on hand | 3,4,6, 7,9, 10,11 | | | | 33,34, 37,38 | 44 | 53 |
| Traumatic micro-vascular surgery as well as related pre and post-operative nursing interventions | All | All | 20,22, 23,24 | 26,28, 30,31 | 32,33 | 42,43,44, 46,47,48, 49,50 | 53 |
| Replantation surgery and specific post- operative care | All | All | 20,22, 23,24 | 26,28, 30,31 | 32,33 | 42,43,44, 46,47,48, 49,50 | 53 |
| Potential complications and preventive measures | All | All | 20,22, 23,24 | 26,28 | 32,33 | 44,46,47, 49,50 | 53 |
| Impact on hand injury/ problem to activity of daily living | All | All | 20,22 | | | 47 | 53 |
| • The role and treatment modalities of allied health colleagues on hand injury/ problem | 1,2,3, 6,7, 9,10 | | 20 | | | | |
| Collaborate with other disciplines for better functional outcomes | 1,2,3, 6,7, 9,10 | All | 20 | 31 | 35,36 | 47 | 53 |

Table 3 Matching of orthopaedic specific module to competence framework (cont'd)

| Subject areas | | | D | omains | | | |
|---|-----------------------------|-----------------|------------------------|-----------------|------------------------|------------------------------------|-----------|
| Subject areas | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Sub-specialty orthopaedic nursing practice | in (cont'd) | | | | | | |
| Foot and ankle | | | | | | | |
| Anatomical structure and function of foot related to injury | 2,4 | | | | | 39 | 53 |
| Common congenital and acquired foot problem/ injury as well as related treatment modalities | All | All | 20,22 | 26,28 | 32,33, 34,37, 38 | 39,42,43, 44,46, 49,50 | 53 |
| Foot circulation and structural defect assessment | 3,4,6, 7,9, 10,11 | 12,13, 16,19 | | | 33,34, 37,38 | 44 | 53 |
| • Prevention and emergency care on compartment syndrome | All | All | 20,22 | 26,28 | 33,34 | 39,42, 43,44,45 | 53 |
| Post-operative care on lower limb amputation | All | All | 20,22, 23,24 | 26,28, 30,31 | 33,34, 37,38 | 39,42,43,4 4,45,46, 48,49,50 | 53,5 4 |
| • Knowledge on different types of prosthesis and orthotics in enhancing patient's rehabilitation | 1,2,3, 4,6,7,9, 10,11 | All | 20,22, | | | 48 | 53 |
| Gait assessment and impact to patient | 1,2,3, 4,6,7,9, 10,11 | All | 20,22,2 | | | 48 | 53 |
| The role and treatment modalities of allied health colleagues on foot injury/ problem | 1,2,3, 6,7, 9,10 | | 20 | | | | |
| Collaborate with other disciplines for better functional outcomes | 1,2,3, 6,7, 9,10 | All | 20 | 31 | 35,36 | 47 | 53 |
| Spine | | | | | | | |
| Common spinal problem and related treatment modalities | All | All | 20,22 | 26,28 | 32,33, 34,37, 38 | 39,42,43, 44,46, 49,50 | 53 |
| Motor and sensory spinal assessment | 3,4,6, 7,9, 10,11 | 12,13, 16,19 | | | 33,34, 37,38 | 44 | 53 |
| Acute management of spinal cord injuries | All | All | 20,22, 23,24,2 5 | 26,28 | 32,33 | 39,42,44,4 5,46,48 49,50 | 53 |
| Overall concept on spinal rehabilitation and impact on activity of daily living | All | All | 20,22 | | | 39,43,444 7,49,50 | 53 |
| Care on chronic low back pain and impact on patients | All | All | 20,22, 23,24 | | | 44,47 | 53 |
| | 1 | 1 | 1 | | L | 1 | |

Table 3 Matching of orthopaedic specific module to competence framework (cont'd)

| Subject areas | | | | Domaii | 1S | | |
|---|---------------------------|-----------------|--------------------|--------------------|--------------------|---|-----|
| oubject in eus | | 2 | 3 | 4 | 5 | 6 | 7 |
| Specialty orthopaedic nursing practice in (c | ont'd) | | | | | | |
| Total joint replacement | | | | | | | |
| • Joint replacement surgery on lower limb and the related nursing implications | All | All | 20 | 28,30 | 32,33 | 44,49 | 53 |
| • Role of nurses in clinical pathway on joint replacement surgery | All | All | 20,22,23 ,24,25 | 26,28,29 ,30,31 | All | 41,42,43,44,45, 46,47,48, 49,50 | All |
| • Impact of rheumatological disease to joint degeneration | All | All | 20,21,22 | 31 | | 39,44,49 | 53 |
| Venous thromboembolism prevention and management in orthopaedics | All | All | All | 26,28,30 ,31 | 32,33,34 ,37,38 | 39,40,42,43,44, 45,46,49,50 | All |
| Sport injury | | | | | | | |
| Anatomical structure of shoulder, elbow, knee and ankle related to sport injury | 2,4 | | | | | 39 | 53 |
| Principle of care on sport medicine and the nursing implications | All | | | 28 | | 44,4549 | 53 |
| Acute management of knee and shoulder injuries related nursing care | All | All | 22,23 | 26,28 | 32,33 | 44,45,49 | 53 |
| Physiotherapy perspective on sport rehabilitation and impact on nursing care | 1,2, 4,7 | 13,14, 16,19 | | | | | 53 |
| Elective advanced care management on orthopaedic in | | | | | | | |
| Orthopaedic related tissue viability and soft tissue re-surfacing | | | | | | | |
| Anatomical structure of tendons, muscle and blood vessels related to the orthopaedic ulcer management | All | | | 26,29,30 ,31 | | 44,46,47,48,49, 50,51 | All |
| Molecular pathology on orthopaedic tissue viability | All | | | | 32,33,34 ,37,38 | 43,44,45,46,47, 48,49,50,51 | All |
| Clinical reasoning on intervention objective | All | All | 20,22,23 | 26 | All | 40,43,44,45,46, 47,48,49, 50,51 | All |
| Topical intervention regarding molecular alternations | All | | All | All | 32,33,34 ,38 | 39,40,41,43,44, 45,46,47,48,49, 50,51 | All |
| Soft tissue viability management | All | All | All | 26,28,29 ,30,31 | 32,33,34 ,38 | 40,41,43,44,45, 46,47,48,49,50, 51 | All |
| New conjunctive treatment in orthopaedic tissue viability | 1,2,35 ,6,79, 10,11 | All | All | 26,28,30 | All | 39,40,42,43,44, 45,46,47,48,49, 50,51 | All |

Table 3 Matching of orthopaedic specific module to competence framework (cont'd)

| Cubicat aveca | Domains | | | | | | |
|--|-----------------------------|---------------------------|--------------------|-----------------|--------------------|------------------------------------|-----|
| Subject areas | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Elective advanced care management on ort | chopaedic | in (cont'd |) | | | | |
| Trauma | | | | | | | |
| Pre-hospital and site management for orthopaedic patient | 1,2,3, 4,6, 7,9 | 12,14,15 ,17,18,1 9 | All | 26 | 32 | 42,44 | 53 |
| Major trauma, polytrauma and pelvic fracture in orthopaedic patients | All | All | All | 26,30, 31 | 32,33,38 | 42,44,46,4 8,49,50 | 53 |
| • Specific care on open fracture, and pelvic fracture | All | All | All | 26,28,30 ,31 | 32,33,34 | 42,44,46,4 8,49,50 | 53 |
| Specific nursing assessment skills to traumatized patients and related documentation | All | All | 22,23,24 | 26 | | 44,45,46,4 9,50 | 53 |
| Interpretation of radiological findings | 1,2,3, 4,5, 6,7 | | | | | 42,44,49 | 53 |
| • Interpretation of abnormal laboratory findings | 1,2,3,4,5 ,6,7,8 | | | | | 42,44,49 | 53 |
| Integration of clinical, radiological and laboratory findings into full clinical picture | All | | 22 | | | 42,44, 49,50 | 53 |
| • Correlation of all the findings to patient's needs and specific nursing care | All | All | 20,22,23 ,24 | 30,31 | 32,33 | 42,44, 49,50 | 53 |
| Paediatric orthopaedics | | | | | | | |
| Common congenital disorder on paediatric orthopaedics and the nursing impact | All | All | 20,22,23 | 28,31 | 32,33,37 ,38 | 41,42,43,4 4,46,47,49, 50 | 53 |
| Normal and abnormal radiological interpretation | All | | | | | 44,46,47,4 8,49,50 | 53 |
| Pre-operative and post-operative care | All | All | 20,21,22 ,23,24 | 26,28,30 ,31 | 32,33,34 ,37,38 | 39,41,43,4 4,46,48, 49,50 | All |
| Latest development of related surgeries and the impact on nursing care development | 1,2,3,4,7 ,9,10 | | | 26 | 32,33,37 ,38 | 42,43,33,4 5,46,48,49, 50 | 53 |
| Rehabilitation and community care on post-surgery | All | All | All | 26,28,31 | 32,33 | 40,42,43,4 3,45,46,48, 49,50 | 53 |
| Psychosocial impact of the patient and family | 1,2,3,4,6 ,7,9, 10,11 | All | 20,22,23 | 29 | 32,33 | 44,45 | 53 |
| Developmental impact of paediatric patients | 1,2,3,4,6 ,7,9, 10,11 | All | 20,22,23 | | 32,33 | 44,45 | 53 |

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Table 3 Matching of orthopaedic specific module to competence framework (cont'd)

| Subject areas | Domains | | | | | | |
|--|-------------------------------|-----------------|---------------------------|--------------------|--------------------|--|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Elective advanced care management on | orthopae | edic in (d | ont'd) | | | | |
| Sport injury and nursing on related latest development | | | | | | | |
| Latest surgical development on shoulder/ knee injury and the nursing care development | 1,2,3,4, 6,7,9 | | | 26 | 32,33,3 7,38 | 42,43,33,45, 46,48,49,50 | 53 |
| • The use of ultrasound assessment on soft tissue injury in nursing | 1,2,3,4, 5,6,7,9, 10,11 | All | 12,13,1 4,15,16, 19 | 26,28,3 0,31 | All | 42,43,44,45,46,4 7,48,49,50 | 53 |
| The use of adjuvant therapy on soft tissue injury as well as related nursing care | 1,2,3,4, 5,6,7,9, 10,11 | All | 12,13,1 4,15,16, 19 | 26,28,2 0,31 | All | 42,43,44,45,46,4 7,48,49,50 | 53 |
| Sport injury on athletics and the nursing impact | All | All | All | | 32,33,3 4,37,38 | 42,43,44,45, 48,49,50 | 53 |
| Fragility hip fracture | | | | | | | |
| Nursing role in fragility hip fracture pathway | All | All | All | All | All | 39,40,41,42,43,4 4,45,46,47,48,49 ,50,51 | All |
| Specific nursing care regarding nursing quality indicators in fragility hip fracture | All | All | All | 26,27,2 8,30,31 | All | 41,42,43,44,45,4 6,47,48,49,50,51 | All |
| Latest surgical development of fragility hip fracture and the impact to nursing care | 1,2,3,4, 6,7,9 | | | 26 | 32,33,3 7,38 | 42,43,33,45,46,4 8,49,50 | 53 |
| Elderly friendly model of care and fragility hip fracture in nursing | All | All | All | 26,28,3 0,31 | All | 41,42,43,44,45,4 6,47,48, 49,50,51 | All |
| • Geriatrician and fragility hip fracture as well as the nursing impact | 1,2,3,4, 5,6,7,8, 9,10 | All | 20,22,2 3,24,25 | 28,30,3 1 | | 42,43,44,45,46,4 7,48,49,50 | 53 |
| The role of allied health and the impact to nursing development | 1,2, 4,7 | 13,14, 16,19 | | | | | 53 |
| The discharge planning for patient after fragility hip fracture | 1,2,3,4, 6,7,8,9, 10,11 | All | All | 26,30 | All | 44,45,46,47,48, 49,50 | All |
| Handling difficult conditions on total joint replacement | | | | | | | |
| Care on joint replacement surgery on patient with multiple co-morbidities and the nursing impact | All | All | All | 26,27,2 8,30,31 | 32,37 | 42,44,46,49,50 | 53 |
| Radiological assessment on joint replacement for nurses | 1,2,3, 4,6,7 | | | | | 42,44,49 | 53 |
| Community care and available resources on joint replacement | 1,2,3,4, 6,7,8,9, 10,11 | All | 20,22,2 3,24 | | | 46,47,48,49,50 | 53 |
| Nurse-led clinic service on joint replacement | All | All | All | All | All | 39,40,41,42,43,4 4,45,46,47,48,49 ,50,51 | All |
| Latest development on joint replacement service and impact to nursing | All | All | 20,22,2 | 30 | 32,33,3 8 | 42,44,49 | 53 |

Table 3 Matching of orthopaedic specific module to competence framework (cont'd)

| Cubiagt areas | Domains | | | | | | |
|---|-------------------------------|----------|-----------------|-------------------|--------------------|------------------------------------|-----|
| Subject areas | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Elective advanced care management on or | thopaedio | c sub-sp | ecialties i | n (cont'd) | | | |
| Handling complex conditions on spinal problem | | | | | | | |
| Comprehensive neurological assessment and clinical variances in spinal nursing | 1,2,3,4,5 ,6,7,9,10 ,11 | All | 20,22,2 3,24 | 26,30 | 33 | 44,45,46,4 8,49,50 | 53 |
| Specific individualized nursing care on spinal cord injuries | All | All | 20,22,2 3,24 | 26,28,3 0,31 | 32,33,3 7,38 | 42,43,44,4 5,46,47,48, 49,50 | 53 |
| Community resources on spinal cord injuries and the nursing impact | 1,2,3,4,5 ,6,7,9,10 ,11 | All | All | | 35,36 | 46,47,48,4 9,50 | 53 |
| The discharge planning of patients after spinal cord injuries | 1,2,3,4,5 ,6,7,9,10 ,11 | All | All | 26,29 | All | 46,47,48,4 9,50,51 | All |
| Handling complex spinal rehabilitation in community | All | All | All | 26,28 | 32,33,3 4,37,38 | 46,47,48,4 9,50,51 | 53 |
| Sexual rehabilitation on spinal cord injury | All | All | 20,22,2 3,24 | | | 44,45,46,4 8,49,50 | 53 |
| Alternative therapies on low back pain | 1,2,3,4,5 ,6,7,9,10 ,11 | All | 20,22 | | | 44,45 | 53 |

7. Academy ordinary member application

- Trainee has held a Master Degree in Nursing, in relation to health care, health service or orthopaedics and
- Trainee must complete the above 500 hours theory training and
- Trainee must complete 500 hours practicum in recognized training center (refer to "Orthopaedic Nursing Training – Clinical Log Book" for details) and
- Trainee must complete at least 80% of Module I Basic Orthopaedic Nursing Training Log Book, 80% of Module II - Post-basic Orthopaedic Nursing Training Log Book

8. Academy fellow member application

Trainee must complete Module III –80% of Advanced Orthopaedic sub-specialty
 Nursing Training Log Book

9. Recognized local master programs and Institutes

| Program | Institutes |
|--|---|
| Master of Nursing | School of Nursing, The University of Hong Kong (HKU) School of Nursing, The Chinese University of Hong Kong (CUHK) School of Nursing, The Hong Kong Polytechnic University (HKPU) |
| Master of Nursing (Clinical Leadership) | Co-joint program - School of Continuing Education, Hong Kong Baptist University (HKBU) and Western Sydney University |
| Master of Public Health | School of Public Health, HKUSchool of Public Health and Primary Care, CUHK |
| Master in Primary Health Care | School of Continuing Education, HKBU |
| Master of Science in Geriatric Orthopaedics | Department of Orthopaedics and Traumatology, CUHK |
| Master of Science in Sports Medicine and Health Science | Department of Orthopaedics and Traumatology, CUHK |
| Master of Science in Musculoskeletal Medicine and Rehabilitation | Department of Orthopaedics and Traumatology, CUHK |
| Master of Science in Health Promotion and Behavioral Health | School of Public Health and Primary Care, CUHK |
| Master of Science in Epidemiology and Biostatistics | School of Public Health and Primary Care, CUHK |
| Master of Science in Health Service Management | School of Public Health and Primary Care, CUHK HKU SPACE |

Remarks

The list of programs and institutions are not exhaustive and trainee should submit program details to College for vetting beforehand

10. Reference

The Hong Kong Academy of Nursing (2015). *Guidelines for Program Planning and Examination*. Available online at

http://www.hkan.hk/main/hk/publications/guidelines-for-program-planning-andexamination Retrieved on 23 April 2017.

CURRICULA AND CLINICAL LOG BOOK

Clinical Log Book (Clinical Practicum)

1. General instructions and guidelines for mentors and mentees

1.1. Objective of the Log Book

The purposes of the clinical log book from the Hong Kong College of Orthopaedic training (HKCON) are as follows.

- To assist the trainee in reflecting the learning opportunities in clinical practices required by the certification program
- To facilitate the trainee to assess the clinical competence, provide support and guidance to accomplish the certification program

1.2. <u>Learning outcomes of the training program in clinical practicum</u>

By the end of the whole training program in orthopedics, trainees are required to demonstrate competence in the following areas.

- Clinical assessment of orthopaedic patients including valid and specific assessment tools and measures
- Prioritize the care needs of a group of orthopaedic patients
- Execute evidence based patient care and management of acute conditions / emergency situations within the specialty
- Evaluate the quality of evidence/research to underpin orthopaedic nursing care, treatment and management
- Apply evidence-based treatment, management and rehabilitation of orthopaedic patients
- Use evidence-based, holistic patient-centered care for orthopaedic patients and their families
- Use evidence-based patient information and education of patients and their family/informal carers
- Establish effective therapeutic relationships with patients and their significant others

- Identify the risk/harm to patients and implementation of appropriate interventions to minimize risk/harm
- Optimize successful inter-professional working in orthopaedic settings
- Participate in clinical audits, research and quality improvement programs
- Educate and mentor non-specialist nurses, health care assistants and students in orthopaedic settings
- Conduct health promotion and disease prevention related to MSK system

1.3. Advanced Practice Nurse (APN) training in orthopaedics

There are three modules, which make up the content of APN training in orthopaedics, ranging from basic, post-basic orthopaedic to advanced orthopaedic sub-specialty nurse training.

Module I - Basic Orthopaedic Nurse Training

Module II - Post-basic Orthopaedic Nurse Training

Module III - Advanced Orthopaedic Sub-Specialty Nurse Training

1.4. Level of competence

In order to assist trainees in achieving their competences, a nine-level of competence is adopted from the Scottish Government Workforce Directorate "Guidance to NHS Boards on the Career Framework for Health" (Scottish Government, 2009).

The Academy Members are expected to have mastery performance at Level 6 and demonstrable attributes at Level 7.

The Academy Fellows are expected to have mastery performance at Level 7 and demonstrable attributes at Level 8.

| Level | Reference title | Level attributes |
|-------|---------------------------------------|--|
| 9 | Director | People at Level 9 apply advanced and highly developed theoretical and practical knowledge over a wide range of clinical, scientific, technical and/or management functions. |
| 8 | Consultant | People at level 8 of the career framework require highly specialized knowledge, some of which is at the forefront of knowledge in a field of work, which they use as the basis for original thinking and/or research. They are leaders with considerable responsibility, and the ability to research and analyze complex process. They have responsibility for service improvement. They may have considerable management responsibilities and be accountable for service delivery or have a leading education or commissioning role. |
| 7 | Advanced practitioner | People at level 7 of the career framework have a critical awareness of knowledge issues in the field and at the interface between different fields. They are innovative, and have a responsibility for developing and changing practice and/ or services in a complex and unpredictable environment. |
| 6 | Specialist/ Senior practitioner | People at this level require a critical understanding of detailed theoretical and practical knowledge, are specialist and /or have management and leadership responsibilities. They demonstrate initiative and are creative in finding solutions to problems. They have some responsibility for team performance and service development and they consistently undertake self-development. |

1.5. Key domains of the competence framework for APN in Orthopaedics

| Domain 1 | Managing clients with complex health conditions |
|----------|---|
| Domain 2 | Enhancing therapeutic nurse-client relationship |
| Domain 3 | Demonstrating effective leadership and team work |
| Domain 4 | Enhancing quality assurance and improvement |
| Domain 5 | Managing and negotiating innovative and effective approaches to care delivery |
| Domain 6 | Enhancing professional attributes of general and practice |
| Domain 7 | Enhancing personal attributes |

1.6. General instruction of the trainee

There are separate sections of the record for each module of training. Trainee is strongly advised to carry the log book at all times and to enter the required information on a daily basis. Logging should be started early in the training period until passing the Fellow Exit Assessment of HKCON. This information is taken for reference at various stages of training assessment. If trainee has problems or queries on using the log book, he/ she are advised to consult their respective mentors or the Education Committee members of HKCON. In addition, the trainee should regularly read and access information related to Specialty Training published by the HKCON as updated on website.

1.7. Responsibility of the trainee

- Trainees are expected to take the responsibility for their own professional development. They are required to evaluate their own strengths, weaknesses and identify areas of improvement.
- Each trainee, upon enrollment, will be issued with the Clinical Log Book at the commencement of Advanced Practice Nursing (Orthopaedics) Certification Program training. The Clinical Log Book is the property of the trainee.
- The trainee should record the followings:
 - All supervised assessment on the patients
 - All supervised interventions on the patients
 - All special encounters with the patients/families
 - Case conferences/ nurses rounds/ research activity that facilitate change and adopt evidence-based practice in nursing care
 - Participation in activities that lead to maintain safe patient environment and initiate improvement strategies in quality and risk management

The above list is not exhaustive as the Log Book serves as a means that demonstrate reflective learning of the trainee

The trainee is strongly advised to keep the Log Book with him/her at all times and
to fill in relevant information on a regular basis. Patient(s) MUST NOT be identified
by names or Hong Kong Identity Card numbers. Cases should be recorded using
patients' initials and/or hospital numbers.

- The trainee should discuss his/ her progress as documented in the Log Book with his/her mentor at regular intervals. The signature of the Mentor is the evidence that the mentor is satisfied with the trainee's performance.
- The trainee should seek the mentor's endorsement of the training program before she/he is qualified to sit for the Membership Examination of Advanced Practice Nursing (Orthopaedics) Certification Program.
- The trainee should complete at least 80% of the Log Book (fulfill the mandatory items) before final assessment.
- The trainee entering the HKCON training program should complete the log book and submit to the college for the ordinary membership examination as well as presented for fellow exit assessment.

1.8. Responsibility of the Mentor

- The mentor facilitates the trainee to map learning opportunities in the clinical practices to the competence framework and evaluate their progress
- The mentor has the responsibility to guide the trainee to reflect on encounters in the clinical areas by asking what is happening, why and what the learning points are.
- The mentor is to facilitate the trainee to identify opportunities to develop the leadership abilities to lead the team.
- The mentor should verify specified areas of competence of the trainees as they are attained.
- The mentor is to polish the trainee's presentation and writing skills and encourage him/ her to present cases and papers.
- The mentor is to encourage the trainee to be active team player in clinical rounds.
- The mentor should not take more than three trainees at the same work place.
- The mentor should not hold mentor status in more than two specialties.
- The mentor has the responsibility to guide the trainee to prepare for the training program.

1.9. <u>Abbreviation lists</u>

APN Advanced Practice Nurse

DOM Department Operation Manager

NC Nurse Consultant
NO Nursing Officer
NS Nursing Specialist
RN Registered Nurse
WM Ward Manager

2.0. Approved clinical attachment centers

| Clinical Institute | Name of Chief Mentors |
|--------------------|-------------------------|
| AHNH | LO Ka Man Carmen, APN |
| СМС | Wong Oi Lin, Irene, WM |
| KWH | Lau Wing Kuen, WM |
| NDH | Li Yuk Ngan, WM |
| PMH | CHAN Lai Han Maggie, WM |
| PWH | Tsang Wing Yan, APN |
| PYNEH | Anthony Cheng, NC |
| QEH | K K Tsang, NC |
| QMH | S H Lee, APN |
| ТКОН | M Y Poon, WM |
| ТМН | S L Wan, NC |
| UCH | Wong Chun Kwan WM |
| YCH | Esther Chang, APN |

| Personal data of trainee | |
|---|-----------|
| Trainee's Name | Sex |
| Chinese Name | <u> </u> |
| Associate Member Registration Number | |
| Date of Entry into the Training Program | |
| Address | |
| | |
| Email | Telephone |

2.2. Clinical Attachment Centers

| Module | Clinical | Unit | Name of | Date of Clinica | al Attachment |
|----------|-----------|-------|---------|-----------------|---------------|
| IVIOGGIC | Institute | Offic | Mentors | From | То |
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A. Sample of logbook

Module I Basic Orthopaedic Nurse Training

2. Module I – Basic Orthopaedic Nurse Training (BONT)

2.1. Entry for Basic Orthopaedic Nurse Training

The aim of Basic Orthopaedic Nurse Training is to prepare a registered nurse who is interested and would like to further develop their career in Orthopaedic Nursing. Successful completion of this module is a pre-requisite for the trainee to proceed to post-basic orthopaedic nurse training. The entry requirement for BONT includes

- Degree holder with a minimum of 2 years' post-registration experience and
- Trainees are Associate Members of the Hong Kong College of Orthopaedic Nursing (HKCON)

2.2. Completion of Module I

Trainees for Orthopaedic Basic Nursing Training would have to complete the following specific topics within a period of two years.

- Trainee will be given a Logbook issued by HKCON when they enroll as associate members
 of the College. At least 80% of the items listed in the logbook must be signed by a College
 Registered Mentor in a College accredited center (The practicum in this period can also be
 recognized if the time is endorsed by HKCON mentor.)
- The performance of each trainee will be assessed on her / his selected clinical attachment for which he / she has registered. The assessment may be in the form of continuous assessment.
- It is expected the trainee will complete BONT within a period of two years. Trainees can apply for training period extension if there are mitigating circumstances. At that point, the case will be considered by HKCON on a case by case basis.

2.3. <u>Learning outcomes</u>

- To apply knowledge of the musculoskeletal system to patient care
- To use effective communication skills and excellent customer care skills
- To possess sufficient understanding of musculoskeletal conditions, surgery and injuries to safely care for a patient independently
- To demonstrate skills and competence in caring for patients in the pre-operative and postoperative stage

2.4. <u>Clinical Attachment Evaluation</u>

Trainees are expected to take the responsibility for their own professional development. They are required to evaluate their own strengths, weaknesses and identify areas of improvement. Mentors provide trainees with guidance on their practice and evaluation of their progress.

Trainees are expected to perform at least "level 6 attributes".

| signature signature Remarks |
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| Co | empetency Area | Date of Satisfactory Practice | Trainee's signature | Mentor's signature | Remarks |
|----|--|-------------------------------------|---------------------|--------------------|---------|
| 3. | Wound care (cont'd) | | | | |
| | Central Line care (e.g. Hickman Line, CVP) | | | | |
| | Specific management of amputated part and amputee | | | | |
| | Bandage methods (e.g. swelling control, stump bandaging) | | | | |
| | Correct selection of tubular bandage including tubinette, tubifast and tubigrip | | | | |
| 4. | Orthopaedic pre-operative care | | | | |
| | Psychological preparation e.g. health education (use of Fact Sheet) & others | | | | |
| | Skin preparation according to local practice | | | | |
| | Bowel preparation according to local guidelines | | | | |
| | Anesthesia Preparation – local/spinal/regional and general | | | | |
| | Pre-operative workup (e.g. blood tests, ECG, CXR, etc.) | | | | |
| | Preparation prior to operation (e.g. abduction pillow) | | | | |
| | Adherence to safe fasting practice | | | | |
| 5. | Orthopaedic post-operative care | e | | | |
| | Focus observation e.g. vital signs, conscious level and prompt recognition of deterioration with appropriate actions | | | | |
| | Condition of wound and related management | | | | |
| | Drain site & drainage output | | | | |
| | Pain management | • | | | |
| | Regular pain assessment by the use validated tools | | | | |
| | Ability to recognize pain in those patients with impaired cognitive function or communication difficulty | | | | |
| | Patient Control Anaesthesia (PCA) | | | | |
| | Epidural Anaesthesia | | | | |

| Competency Area | | Date of Satisfactory Practice | Trainee's signature | Mentor's signature | Remarks | | | |
|-----------------|--|-------------------------------------|---------------------|--------------------|---------|--|--|--|
| 5. | Orthopaedic post-operative care (cont'd) | | | | | | | |
| | Pain management (cont'd) | | | | | | | |
| | Peripheral Nerve Block | | | | | | | |
| | Oral and intramuscular pain control medication administration Introduced in injection (| | | | | | | |
| | Intramuscular injection/ Intravenous infusion | | | | | | | |
| | Measure to minimize complication | าร | | | | | | |
| | Correct application of anti- embolic stockings, pneumatic pump and/ or medication if indicated | | | | | | | |
| | Selection of appropriate pressure relieving mattress | | | | | | | |
| | Breathing and coughing exercise | | | | | | | |
| 6. | Handling of emergency situation | ons | 1 | -1 | - | | | |
| | Haemorrhage | | | | | | | |
| | Compartment syndrome | | | | | | | |
| | Deep vein thrombosis | | | | | | | |
| | Pulmonary embolism | | | | | | | |
| | Fat embolism | | | | | | | |
| 7. | 7. Demonstrate applied knowledge of the ward/ departmental administrative procedures | | | | | | | |
| | Ordering and checking of | | | | | | | |
| | Items of dispensary trolley | | | | | | | |
| | Top up system | | | | | | | |
| | Dangerous/ controlled drugs | | | | | | | |
| | Emergency trolley | | | | | | | |
| | Compliant management | | | | | | | |
| | Repair & maintenance of the equipment in wards | | | | | | | |
| | Transportation system | | | | | | | |

| Со | mpetency Area | Date of Satisfactory Practice | Trainee's signature | Mentor's signature | Remarks | |
|---|---|-------------------------------------|---------------------|--------------------|---------|--|
| 8. | Obtain patient history and perfo | orm nursing ca | re plan | | | |
| | Focused history taking | | | | | |
| | Care planning according to local practice | | | | | |
| 9. | Demonstrate managerial skills | in providing pa | atient care | | | |
| | Prioritize nursing care effectively and efficiently according to patient's need and ward situation Demonstrate effective skills in | | | | | |
| | optimal use of resources Demonstrate effective collaboration with other colleagues in providing high quality client-centered service for patients Able to promptly recognize, | | | | | |
| 10 | report and manage any risks to patient safety e.g. low staff/patient ratio | | | | | |
| 10 | Demonstrate knowledge of | <u> </u> | | | | |
| | policies & procedures that have legal implications for practice | | | | | |
| | DNR procedure | | | | | |
| | Understand legal requirements of consent/assent, protection of vulnerable adults or children | | | | | |
| 11 | . Ethical Aspect in Nursing Practi | ce | | | | |
| | Ensure privacy and security for patients' data | | | | | |
| | Ensure patient's right preserved | | | | | |
| | Respect patient autonomy and right to confidentiality | | | | | |
| 12. Effective communication and documentation | | | | | | |
| | Communicate effectively with individuals or groups (verbal and written) | | | | | |
| | Communicate effectively with other members of health care team | | | | | |

| Competency Area | | Date of Satisfactory Practice | Trainee's signature | Mentor's signature | Remarks | | |
|-----------------|---|--|---------------------|-----------------------|---------|--|--|
| 12. | Effective communication and do | ive communication and documentation (cont'd) | | | | | |
| | Demonstrate problem solving approach in documenting relevant information | | | | | | |
| | Maintain an adequate & accurate documentation of all nursing activities | | | | | | |
| 13. | Management of Violence | | | | | | |
| | Demonstrate ability to handle patient actual or potential aggressive or violent behavior | | | | | | |
| | Suicidal precaution | | | | | | |
| 14. | Management of patients with infectious diseases | | | | | | |
| | Universal precautions, correct use of protective clothing, gloves, isolation procedures, infection screening according to local guideline | | | | | | |
| | Reverse precautions- barrier nursing | | | | | | |
| 15. | Resuscitation Training | | | | | | |
| | Basic Cardiac Life Supports | | | | | | |
| 16. | . Nursing Standard & Audit | | | | | | |
| | Wound assessment accuracy | | | | | | |
| | Medication administration (oral, IV) | | | | | | |
| | Pain assessment accuracy and management according to local guideline | | | | | | |
| 17. | Incident / accident reporting | | | | | | |
| | Demonstrate compliance with local incident/accident reporting | | | | | | |
| | Promptly identify and manage potential risks and hazards | | | | | | |

| Competency Area | | Date of Satisfactory Practice | Trainee's signature | Mentor's signature | Remarks |
|-----------------|---|-------------------------------------|---------------------|-----------------------|---------|
| 18 | . Crisis Management | | | | |
| | Missing patient | | | | |
| | Major incident policy | | | | |
| | | | | | |
| 19 | . Health Information System | | | | |
| | Patient Assessment Form | | | | |
| | Dashboard | | | | |
| | Nursing Discharge Summary | | | | |
| | Referral system | | | | |
| | In-patient Medication Order Entry (IPMOE) | | | | |

2.5. Evaluation Sheet in Clinical Attachment

| Evaluation Sheet A – Periodical Evaluation Trainee before transfer to other unit) | Record (To be comple | eted by Mentor and |
|---|----------------------|--------------------|
| Clinical Institute 1: | | |
| Ward / Unit / Department: | | |
| Evaluation Mentor | | |
| | | |
| | | |
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| | | |
| Trainee | | |
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| | | |
| Signature of Trainee: | Date: | |
| Signature of Mentor: | Date: | |

| Clinical Institute 2: | | |
|-----------------------------|-------|---|
| Ward / Unit / Department: | | _ |
| Evaluation Mentor | | |
| | | |
| | | |
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| Trainee | | |
| | | |
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| | | |
| Signature of Mentor: | Date: | |
| Clinical Institute 3: | | |
| Ward / Unit / Department: | | _ |
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| L Trainee | | |
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| | | |
| Signature of Trainee: | | |
| Signature of Mentor: | | |

| | t B – Summary Evaluation Record (To be c VM / NS / DOM / NC; Mentor and Train | • | - | |
|------------------|--|----------------------------------|--------------|--|
| Ward: | | | | |
| | | | - | |
| Training Period: | from to | | | |
| Date | Trainee's Feedback | Name and Signature of Trainee | | |
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| | | Name and | Signature of | |
| Date | Mentor's Feedback | | entor | |
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| 5 . | Nurse Supervisor's Feedback (NO / APN | | upervisor | |
| Date | /WM / NS / DOM / NC) | Name and Signature | Rank | |
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| Countersigned b | y DOM / Unit Head: | | | |
| | (Name and Signature |) | | |
| Date: | | | | |
| Date | | | | |

Module II Post-basic Orthopaedic Nursing Training

3. Module II – Post-basic Orthopaedic Nursing Training (PBONT)

3.1. Entry for Post-basic Orthopaedic Nursing Training

Upon the completion of BONT, candidates are eligible to join PBONT within four to six years period.

3.2. Completion of Module II

After fulfilling all the required assessment of PBONT, trainees are eligible to proceed to Module III.

3.3. Learning outcomes for Post-basic Orthopaedic Nursing Training

Upon completion of the clinical attachment, candidates are able to

- 3.3.1. Identify the anatomical and pathological changes of the musculoskeletal system (*Domain 1, 2, 4, 5, 6*)
- 3.3.2. Describe the common orthopaedic problems and the common mechanism of injuries (*Domain 1, 2, 4, 5, 6*)
- 3.3.3. Understand the clinical signs and symptoms of common musculoskeletal pathological changes and injuries (*Domain 1, 2, 4, 5, 6*)
- 3.3.4. Understand the radiographic investigation and integrate the understanding into daily practice e.g. X-ray, CT, MRI (*Domain 1, 2, 4, 5, 6*)
- 3.3.5. List and outline the latest medical and nursing management and apply evidence-based practice effectively to patients with musculoskeletal disorders (*Domain1*, 2, 3, 4, 5, 6, 7)
- 3.3.6. Conduct specific nursing assessment skills to orthopaedic clients and documentation of assessment findings (*Domain 1, 2, 4, 5, 6*)
- 3.3.7. Perform pre-operative assessment and screening (*Domain 1, 2, 4, 5, 6*)
- 3.3.8. Plan the nursing care to patients based on the integration of assessment findings and applied knowledge (*Domain 1, 2, 4, 5, 6*)
- 3.3.9. Perform post-operative physical assessment and intervention as well as identify the potential post-operative complications (*Domain 1, 2, 4, 5, 6*)

- 3.3.10. Identify preventive measures for clients at risk and initiate interventions in a timely manner and evaluate the effectiveness of interventions appropriately (Domain 1, 2, 4, 5, 6)
- 3.3.11. Enact competence in providing holistic care through a multidisciplinary approach (*Domain 1, 2, 4, 5, 6*)
- 3.3.12. Implement evidence based practice in promoting patient's outcomes (*Domain 1*, 2, 4, 5, 6, 7)
- 3.3.13. Collaborate with other disciplines in enhancing the functional outcome of patients (*Domain 1, 2, 4, 5, 6*)
- 3.3.14. Identify client's learning needs based on his / her level of understanding and ability to learn, and initiate relevant education (*Domain 1, 2, 4, 5, 6*)
- 3.3.15. Distinguish the use of different orthoses in enhancing patient's rehabilitation (*Domain 1, 2, 4, 5, 6*)
- 3.3.16. Understand the common drugs used in musculoskeletal disorders and their action as well as adverse reaction (*Domain* 1, 2, 4, 5)
- 3.3.17. Act as a resource person to other nursing staff (*Domain 1, 2, 3, 4, 5, 6, 7*)
- 3.3.18. Applies occupational safety knowledge into practice in Orthopaedic environments (*Domain 3, 4, 5, 6, 7*)
- 3.3.19. Correlate and integrate the knowledge of infection control and prevention to Orthopaedic environments (*Domain 3, 4, 5, 6, 7*)

3.4. <u>Clinical Attachment Evaluation</u>

Trainees are expected to take responsibility for their own professional development. They are required to evaluate their own strengths, weaknesses and identify areas of improvement. Mentors provide trainees with guidance on their practice and evaluation of their progress.

Trainees are expected to perform at least "level 7 attributes".

| Comp | Competency Area | | Trainee's signature | Mentor's signature | Remarks |
|------|---|----------------|---------------------|-----------------------|---------|
| l. | Functional Competency | | | | |
| 1. | Therapeutic and Caring Relationships Establish partnership with clients to promo understand the past and present medical p emotional status | | | | |
| 1.1 | Demonstrate knowledge and skills in patier assessment framework | nt assessment | according lo | ocal structur | е |
| | Reason for admission/ chief complaint | | | | |
| | Physical examination | | | | |
| | Social and past medical history | | | | |
| | Risk assessment | | | | |
| | Emotion/ psychological status | | | | |
| | Mobility/ self-care ability | | | | |
| | Pain assessment | | | | |
| 2. | Nursing Assessment, Specific knowledge a Application of definite knowledge, skills and through structured approaches in various of | d technology i | n the client o | caring proces | |
| 2.1 | Sub-specialty: Trauma | | | | |
| | Demonstrate an accurate assessment and | care to patien | its with traur | na | |
| | Fracture hip | | | | |
| | Pelvic fracture | | | | |
| | Long bone fracture (e.g. fracture tibia and fibula) | | | | |
| | Demonstrate accurate assessment of compartment syndrome, and intervene in an appropriate and timely manner | | | | |

| Com | Competency Area | | Trainee's signature | Mentor's signature | Remarks |
|-----|---|--|---------------------|--------------------|---------|
| 2.1 | Sub-specialty: Trauma (cont'd) | | | | • |
| | Demonstrate safe and correct method for swelling control over limbs | | | | |
| | Demonstrate effective care for patient with amputation and using prosthetic devices | | | | |
| | Demonstrate accurate assessment of patient at risk for or experiencing a VTE, and intervenes in an appropriate and timely manner | | | | |
| | Demonstrate accurate assessment of a patient at risk for or experiencing a fat embolism, and intervenes in an appropriate and timely manner | | | | |
| 2.2 | Sub-specialty: Hand | | | | |
| | Demonstrate safe, accurate assessment and care of patient after replantation and revascularization | | | | |
| | Demonstrate accurate and effective assessment care of patients with flexor and extensor tendon injury | | | | |
| 2.3 | Sub-specialty: Foot and ankle | | | | |
| | For patient with diabetic foot related problems (without foot ulcer), demonstrate effective and appropriate care | | | | |
| | Demonstrate knowledge and skills in assessing and performing foot ulcer management in | | | | |
| | Diabetic foot ulcer | | | | |
| | Chronic venous ulcer | | | | |
| | Demonstrate accurate assessment and intervention of a patient experiencing | | | | |
| | Soft tissue infection | | | | |
| | Infected chronic ulcer | | | | |
| | Osteomyelitis | | | | |
| | Demonstrate knowledge and skills in assessment and management of pressure injury | | | | |

| Com | Competency Area | | Trainee's signature | Mentor's signature | Remarks | |
|-----|--|---|---------------------|--------------------|---------|--|
| 2.4 | Sub-specialty: Spine | | 1 | 1 | | |
| | Demonstrate the ability to lead a safe and effective log-roll turning for a patient with spinal injury | | | | | |
| | Demonstrate safe, accurate assessment and care of the patient in Halo traction and vest | | | | | |
| | Demonstrate an safe and effective care for a patient after elective spinal surgery | | | | | |
| | Demonstrate an safe and effective care for a patient with spinal cord injury | | | | | |
| 2.5 | Sub-specialty: Total joint replacement | 1 | 1 | . | | |
| | Demonstrate safe, accurate assessment and care of the patient including | | | | | |
| | Total knee arthroplasty (TKA), | | | | | |
| | Total hip arthroplasty (THA) | | | | | |
| | Preventing and manage related post- operative complications | | | | | |
| 2.6 | Sub-specialty: Sport | | | | | |
| | Demonstrate accurate assessment and interventions of patient with acute sport injury | | | | | |
| | Shoulder | | | | | |
| | • Knee | | | | | |
| | Foot and Ankle | | | | | |
| | Demonstrate accurate assessment and effective interventions on swelling control after patient has sport injury | | | | | |
| | Demonstrate safe and effective post- operative care of patient having | | | | | |
| | Rotator Cuff Repair | | | | | |
| | Bankart repair | | | | | |
| | Anterior Cruciate Ligament (ACL) Reconstruction | | | | | |
| | Achilles Tendon Repair | | | | | |

| Competency Area | | Date of Satisfactory Practice | Trainee's signature | Mentor's signature | Remarks | |
|-----------------|--|-------------------------------------|---------------------|--------------------|---------|--|
| 2.7 | Sub-specialty: Musculoskeletal Tumors (only applicable for those tumor centres) | | | | | |
| | For patients with malignant tumor , the following care should be demonstrated in safe and effective manner | | | | | |
| | Emotional distress and behavioural disturbances | | | | | |
| | Wide excision | | | | | |
| | Flap surgery Demonstrate an accurate assessment and effective care on patient with | | | | | |
| | Fungating woundRadiotherapy wound | | | | | |
| | Post-operative wound complications | | | | | |
| 3. | · | | | | | |
| 3.1 | Maintain an environment and climate conducive to positive patient outcomes and workplace safety | | | | | |
| 3.2 | Initiate/ Implement quality improvement strategies and measures | | | | | |
| 3.3 | Monitor existing practice to ensure they are safety practice to patient | | | | | |
| 3.4 | Manage complaints and identify areas for improvement | | | | | |
| 4. | Operations and Resources Management Optimize the effectiveness on using resour effective and efficient service/ care | rces to facilita | te the provis | ion of access | sible, | |
| | Facilitate the planning and management of budgets, and equipment in adherence the guidelines | | | _ | | |
| 4.1 | Operational guidelines | | | | | |
| | Infection control guidelines | | | | | |
| | Clinical practice guidelines | | | | | |
| 4.2 | Monitor and control optimal utilization of resources for efficient operation of a ward / unit | | | | | |
| 4.3 | Support manpower planning to ensure smooth service operations | | | | | |
| 4.4 | Provide feedback and coaching to colleagues to enhance performance | | | | | |
| 4.5 | Elicit feedback from service users regarding satisfaction with services provided | | | | | |

| II | Personal Competency | | | | |
|-------|--|-------------------------------------|---------------------|-----------------------|---------------|
| Comp | etency Area | Date of Satisfactory Practice | Trainee's signature | Mentor's signature | Remarks |
| 5. | Personal Qualities Demonstrate the qualities and characterist fulfilling the nursing duties | tics of a reliab | le and respor | nsible persor | n required in |
| 5.1 | Demonstrate effective communication skills and be able to exert influence in a group | | | | |
| 5.2 | Analyze situation critically and execute with professional judgment | | | | |
| 5.3 | Share clinical experience and knowledge with colleagues | | | | |
| 5.4 | Evaluate own practice and enhance own nursing knowledge | | | | |
| 6 P | rofessional Attribute Demonstrate the commitment to strive for e safeguarding good practice. | xcellence in p | roviding holis | tic care serv | ices, and |
| 6.1 | Act as a resource person on area(s) of orthopaedic care nursing | | | | |
| 6.2 | Participate in specialty specific professional activities | | | | |
| 6.3 | Assist orthopaedic clients to make informed decisions | | | | |
| 6.4 | Collaborate with other members of the health care team in decision making | | | | |
| 6.5 | Recognize the role of members of the health care team in the delivery of health care | | | | |
| III F | People & Team Competency | | · | | |
| 7. | Teamwork Contribute to the effective functioning of te | eam(s) | | | |
| 7.1 | Foster a caring and supportive culture within a team | | | | |
| 7.2 | Facilitate team collaboration | | | | |
| 7.3 | Proactive participate into the multi- disciplinary team | | | | |
| 7.4 | Awareness of and liaison with community resources such as community rehabilitation networks and support groups | | | | |
| 7.5 | Provide professional support to community/carer groups and projects relevant to the specialty | | | | |

| Com | petency Area | Date of Satisfactory Practice | Trainee's signature | Mentor's signature | Remarks |
|------|---|-------------------------------------|---------------------|--------------------|---------|
| Ш | People & Team Competency (cont'd) | | | | |
| 8. | People Development Cultivating a supportive and participatory en | vironment for | enhancing s | taff develop | ment |
| 8.1 | Empower colleagues / staff to assume responsibilities for client care with delegation, support and supervision | | | | |
| 8.2 | Evaluate the process and outcome of duty delegation to colleagues/ staff | | | | |
| 9. S | Service Development | | | | |
| 9.1 | Initiate and evaluate changes to service/care provision based on sound evidence and/or policy and guidelines | | | | |
| 9.2 | Lead health educational and health promotional activities | | | | |
| 10. | Legal and Ethical Practice Demonstrate knowledge and skills to ensu community as well as accountability to the | - | ion of individ | ual clients a | nd the |
| 10.1 | Provide information to enable patients, their carers or families on the choice of treatment / care | | | | |
| 10.2 | Follow ethical practice | | | | |
| 10.3 | Fulfill legal and professional responsibilities in accordance with national and local legislation | | | | |
| IV | Additional Competencies & Behavioral Ind (As agreed between trainee and mentor) | icators' | | | |
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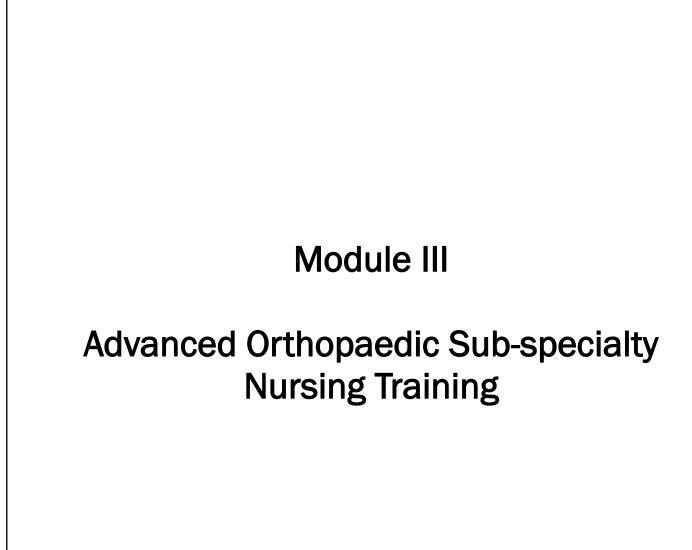
Signature of Trainee: ______ Date: _____

Signature of Mentor: _____ Date: _____

(Additional sheet is required to attach where appropriate)

| Clinical Institute 2: | | |
|---------------------------|-------|--|
| Ward / Unit / Department: | | |
| Evaluation Mentor | | |
| | | |
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| | | |
| Trainee | | |
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| Signature of Trainee: | Data | |
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| Signature of Mentor: | Date | |
| Clinical Institute 3: | | |
| Ward / Unit / Department: | | |
| Evaluation Mentor | | |
| | | |
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| Trainee | | |
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| Signature of Trainee: | Date: | |
| Signature of Mentor: | Date: | |

| /ard: | | | |
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| raining Perio | d: from to | | |
| Date | Trainee's Feedback | | Signature of inee |
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| Date | Mentor's Feedback | | Signature of entor |
| | | | |
| | | Nurso St | unon/inor |
| Date | Nurse Supervisor's Feedback (NO / APN / WM / NS / DOM / NC) | Name and Signature | upervisor Rank |
| | | | |
| Countersigned | by DOM / Unit Head: | | |
| | (Name and Signature | i) | |



4. Module III – Advanced Orthopaedic Sub-specialty Nursing Training (AOSNT)

4.1. Entry for Advanced Orthopaedic Sub-specialty Nursing Training

Upon the completion of PBONT training and passing the membership examination, candidates are eligible to join AOSNT within a three years period.

4.2. Completion of Module III

After fulfilling all the required assessment of AOSNT, trainees are eligible to proceed to viva examination.

4.3. Learning outcomes for Post-basic Orthopaedic Nursing Training

Upon completion of the clinical attachment, candidates are able to:

- 4.3.1. Interpret and integrate all the findings of patient assessment including physical, laboratory and radiological findings (*Domain 1, 2, 4, 5, 6*)
- 4.3.2. Integrate and apply all knowledge and skills from modules I & II into the specialized care environment (*Domain 1, 2, 4, 5, 6*)

4.4. Record of practice (*Mandatory)

Trainees are expected to take responsibility for their own professional development. They are required to evaluate their own strengths, weaknesses and identify areas requiring improvement. Mentors provide trainees with guidance on their practice and evaluation of their progress.

Both trainee and mentor are expected to work in the same department. Trainee should demonstrate all the physical assessment skills, interpretation of radiological and laboratory findings in front of the corresponding mentor. All case studies, which are completed by trainee, should discuss with mentor before submission. They are expected to perform "level 7 to 8 attributes".

| Competency Area | | Date of Satisfactory Practice | Trainee's signature | Mentor's signature | Remarks | |
|-----------------|--|-------------------------------------|------------------------|--------------------|---------|--|
| 1 | Physical assessment* | | | | | |
| 1.1 | Spinal assessment | | | | | |
| | Observation/inspection of the spine, noting any spinal deformity, protrusions, swellings, symmetry/asymmetry | | | | | |
| | Palpation and percussion of the spine | | | | | |
| | Gait assessment | | | | | |
| | Dermatone assessment according to American Spinal Injury Association (ASIA) classification | | | | | |
| | Myotone assessment according to ASIA classification | | | | | |
| | Finger escape test | | | | | |
| | 10 second test | | | | | |
| | Hoffman test | | | | | |
| | Spinal shock | | | | | |
| | Autonomic dysreflexia | | | | | |
| 1.2 | Shoulder, elbow and wrist assessment | | | | | |
| | Observation, inspection & palpation | | | | | |
| | Passive and active ROM | | | | | |
| | Neer's test | | | | | |
| | Hawkin's test | | | | | |
| | Drop-arm test | | | | | |
| | Apprehension test | | | | | |

| Com | Competency Area | | Trainee's signature | Mentor's signature | Remarks |
|-----|---|--|---------------------|--------------------|---------|
| 1.3 | Hand assessment | | | | |
| | Observation, inspection, palpation and ROM | | | | |
| | General vascular and sensory assessment | | | | |
| | Phalen's test | | | | |
| | Tinel's sign | | | | |
| | Scaphoid shift test | | | | |
| | 2-point discrimination | | | | |
| | | | | | |
| 1.4 | Knee assessment | | | | |
| | Inspection and palpation | | | | |
| | Active and passive ROM | | | | |
| | Lachman test | | | | |
| | McMurray test | | | | |
| | Anterior drawer test | | | | |
| | Posterior drawer test | | | | |
| | | | | | |
| 1.5 | Foot and ankle assessment | | | | |
| | Simmond's test | | | | |
| | Anterior drawer test | | | | |
| | Ankle brachial index/ toe brachial index | | | | |
| | | | | | |
| 1.6 | Others | | | | |
| | Hip assessment | | | | |
| | Active and passive ROM | | | | |
| | | | | | |

| 2 | Interpretation of radiological findings* | | | | | | |
|------|---|--|--|--|--|--|--|
| 2.1. | X-ray - Identify fracture and problems in fracture healing such as mal-union, non-union | | | | | | |
| | Simple fracture | | | | | | |
| | Crack fracture | | | | | | |
| | Spiral fracture | | | | | | |
| | Comminuted fracture | | | | | | |
| | Intra-articular fracture | | | | | | |
| | Extra-articular fracture | | | | | | |
| | Osteomyelitis | | | | | | |
| | Osteoarthritis | | | | | | |
| | Osteopenia | | | | | | |
| | Loosening of prosthesis | | | | | | |
| | | | | | | | |
| 2.2 | CT - Interpret the radiological report | | | | | | |
| | Stress fracture on spine | | | | | | |
| | Comminuted fracture | | | | | | |
| | Intra-articular fracture | | | | | | |
| | | | | | | | |
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| 3 | Interpretation of laboratory findings* | | | | | | |
| 3.1 | Bone/ soft tissue infection | | | | | | |
| 3.2 | Osteoporosis | | | | | | |
| 3.3 | Serum level of inflammatory markers | | | | | | |
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- 4 Case illustration (Integration of all assessment knowledge/ skills and demonstrate their application to specialized orthopaedic care)
 - Trainee should select at least five specialties for case studies and three of them should be the mandatory specialties (*)
 - In each selected specialty, a case should be prepared and presented to your corresponding mentor according to the "domain 1" of the "key domains of the competence framework for APN in Orthopaedics"
 - For domain 2 to 7, please illustrate case example accordingly
- 4.1 Domain 1
 Managing clients with complex heath conditions
- 4.11 Sub-specialty: Trauma*

Case illustration

Write a complicated case you have encountered during the period of clinical practicum. Please describe your nursing process (assessment, diagnosis, planning, implementation and Evaluation) and collaboration with the other healthcare professions / teams.

| 4.1 | Domain 1 |
|-----|---|
| 4.1 | Managing clients with complex heath conditions (cont'd) |

4.12 Sub-specialty: Spine*

Case illustration

Write a complicated case you have encountered during the period of clinical practicum. Please describe your nursing process (assessment, diagnosis, planning, implementation and Evaluation) and collaboration with the other healthcare professions / teams.

| | Domain 1 Managing clients with complex heath conditions (cont'd) | | | | |
|---|---|--|--|--|--|
| S | Sub-specialty: Total joint arthroplasty* | | | | |
| С | Case illustration | | | | |
| P | Vrite a complicated case you have encountered during the period of clinical practicul Please describe your nursing process (assessment, diagnosis, plannin Implementation and Evaluation) and collaboration with the other healthca Professions / teams. | | | | |
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| 4.1 | Domain 1 |
|-----|---|
| 4.1 | Managing clients with complex heath conditions (cont'd) |

4.14 Sub-specialty: Hand

Case illustration

Write a complicated case you have encountered during the period of clinical practicum. Please describe your nursing process (assessment, diagnosis, planning, implementation and Evaluation) and collaboration with the other healthcare professions / teams.

| | g clients with complex heath conditions (cont'd) ialty: Foot and Ankle | |
|---------------------------|--|-------------|
| Case illu | | |
| Write a of Please impleme | omplicated case you have encountered during the period of clindescribe your nursing process (assessment, diagnonatation and Evaluation) and collaboration with the otlins / teams. | sis, planni |
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| Sub-specialty: Sport | | |
|--------------------------|---|----------|
| Case illustration | | |
| Please describe your nui | ave encountered during the period of clingsing process (assessment, diagnostion) and collaboration with the other | sis, pla |
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| 1 | Domain 1 Managing clients with complex heath conditions (cont'd) | | | | |
|---|---|--|--|--|--|
| 7 | Sub-specialty: Musculoskeletal tumor (only applicable for those tumor centres) | | | | |
| | Case illustration | | | | |
| | Write a complicated case you have encountered during the period of clinical practicum. Please describe your nursing process (assessment, diagnosis, planning, implementation and Evaluation) and collaboration with the other healthcare professions / teams. | | | | |
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| Domain 2 Therapeutic nurse-client relationship |
|---|
| Case illustration |
| Please describe how you manage therapeutic relationship with your clients and their families. |
| |
| |
| Domain 3 Effective leadership and team work |
| Case illustration |
| Please describe how you manage your resource and lead the team in your service. |
| |
| |
| |

4.4 Domain 4 Quality assurance and improvement

Case illustration

Please describe your quality assurance and improvement activities. (e.g. review guidelines, standards and contingency plans; monitor practices and outcomes; manage complaints; benchmarking; initiate and implement clinical audit and improvement measures in collaboration with other health disciplines)

4.5 Domain 5 Managing and Negotiating Innovative and Effective Approaches to Care Delivery

Case illustration

Please describe

- 1) how you manage and adopt appropriate evidence-based practice and appropriate nursing model in your practices;
- 2) how you plan your schedule, resource, indicators and monitoring mechanism for supporting the services; and
- 3) how you re-engineers your work process and manage the related changes and risks.

| Case illustration | |
|---------------------------------------|--|
| Please describe your a | ctivities regarding enhancing professional attributes. |
| (e.g. evidence-based p colleagues) | oractice, research, resource person, role model for pe |
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| | |
| Domain 7 Enhancing personal at | tributes |
| Case illustration | |
| Please describe how yo | ou enhance your personal attributes. |
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4.9. **Evaluation Sheet** Evaluation Sheet A - Periodical Evaluation Record (To be completed by Mentor / Supervisor and Trainee before transfer to other institutes if appropriate) Clinical Institute 1: Ward / Department: _____ **Evaluation** Mentor Trainee Signature of Trainee: ______ Date: _____ Signature of Mentor: _____ Date: _____

| Clinical Institute 2: | | |
|--------------------------|-------|-------------|
| Ward / Department: | | |
| Evaluation Mentor | | |
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| | | |
| Trainee | | |
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| | | |
| | | |
| Signature of Trainee: | Date: | |
| Signature of Mentor: | Date: | |
| Clinical Institute 3: | | |
| Ward / Department: | | |
| Evaluation Mentor | | |
| | | |
| | | |
| Trainee | | |
| | | |
| Signature of Trainee: | Date: | |
| Signature of Mentor: | Date: | |

| Vard: | | | | | |
|--------------------|---------------------------------------|----------------------------------|----------------------|--|--|
| Department: | | | | | |
| Γraining Perio | d: from to | | | | |
| Date | Trainee's Feedback | Name and Signature of Trainee | | | |
| | | | | | |
| | | | | | |
| Date | Mentor's Feedback | | signature of ator | | |
| | | | | | |
| | | | | | |
| Date | Nurse Supervisor's Feedback (NO / APN | Nurse Supervisor Name and | | | |
| | /WM / NS / DOM / NC) | Signature | Rank | | |
| | | | | | |
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| Countersigned | by DOM / Unit Head: | | | | |
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Declaration of Accuracy

| I certify that the info | ormation | contained | in the | Log | Book | cover | ing | | | | |
|---|----------|-----------|--------|-----|------|--------|-----|--|--|--|--|
| the period from | | to | | | is | true a | and | | | | |
| accurate regarding to my training experience. | | | | | | | | | | | |
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| Signature of Trainee | | | | | | | | | | | |
| Name of Trainee | : | | | | | | | | | | |
| Date | : | | | | | | | | | | |