CARDIAC MEDICNE AND

TELEMETRY UNIT

COMPETENCY BASED ORIENTATION

Developed: 2014 Revised: 2018

Welcome to C5

Competency Based Orientation

Competency based orientation

- Defines skills and expectations required to perform the job safely and effectively
- Provides a "blueprint" for performance excellence
- Evaluates performance and identifies skill and competency gaps
- Defines resources available to aid new staff in meeting expectations
- Provides a "map" for ongoing direction and support
- Describes expectations of preceptor for teaching and validation
- Outputs of the learning experience

What is Competence

<u>Competence</u> is ability of a nurse to integrate & apply the knowledge, skills, judgments, attitudes, values and beliefs required to practice safely and ethically in a designated role or setting. *(CNO 2008)*

<u>Competencies</u> can be defined as a set of statements about the knowledge, skills, attitudes and judgments required to perform safely within the scope of an individual's nursing practice or in a designated role or setting. *(CNO 2008)*

<u>Continuing competence</u> is the ongoing ability to integrate & apply knowledge, skills & judgment required to practice safely and ethically. It involves a continual process of linking the code of ethics, standards of practice & lifelong learning. Reflection and continued practice improvement is an ongoing process.

<u>Scope of practice</u> defines activities that nurses are educated and authorized to perform as set out in jurisdictional legislation. (CNO 2008)

<u>Self Assessment</u> is defined as learners taking initiative to assess their own education needs, set goals and objectives, plan and identify appropriate educational activities, implement these activities and evaluate the outcomes.

BENEFITS, BELIEFS AND GUIDING PRINCIPLES OF A COMPETNENCY BASED ORIENTATION PROGRAM

- 1. Provides safe practice & identifies expectations of competence per codes of ethics & standards of practice.
- 2. Defines a required behavior within a job role.
- 3. Provides consistency in the orientation process.
- 4. Links individual performance to goals of the organization.
- 5. Individualizes the orientation process to meet individual needs.
- 6. Provides ongoing direction and support to staff.
- 7. Encourages individuals to take responsibility for their own educational needs.
- 8. Monitors performance & identifies when an individual does not meet expectations.
- 9. Provides justification for an extension of the orientation process & identifying goals to be met.

Summary

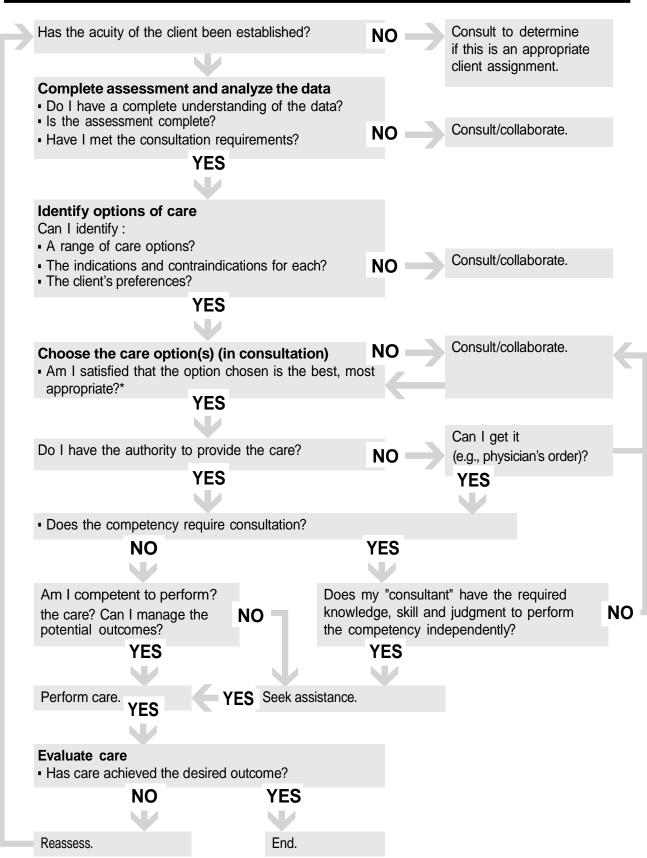
This section has identified the College's expectations of entry-level RNs and practice settings with regard to practice decision-making. The framework and elements to support decision-making have been described. Practice experience will further contribute to the development of skills and confidence in making nursing practice decisions that promote quality client care.

Decision Tree: A Guide to Practice Decision Making for the Entry-Level Registered Nurse

Assessment Gather the data.		
 Analyze the data Determine if help needed to analyze data: Can I make sense of the data? Do I have appropriate assessment skills YES 	NO	Consult/collaborate.
Identify options of care •Can Identify: A range of care options? The indications and contraindications for each? The client's preferences? YES	NO	Consult/collaborate .
Choose the care option •I am satisfied that the option chosen is the best, Most appropriate?* YES	NO	Consult/collaborate.
• Do I have the authority to pr011ide the care? YES	NO	NO Can I get it (physician's order)? YES
•I Am competent to perform the care? •Can Manage the potential outcomes? YES NO		
Perform care Seek assistance	e	
Evaluate care • Has care achieved the desired outcome? NO YES		
Reassess. End.		

.. The nurse's advocacy efforts m;r.; be required in situations where efforts to obtain a physician's order for the care option identified by the nurse as "the best and most appropriate" have been unsuccessful.





* The nurse's advocacy efforts may be required in situations where efforts to obtain a physician's order for the care option identified by the nurse as "the best and most appropriate" have been unsuccessful.

KEY POINTS ABOUT COMPETENCY – BASED

ORIENTATION AND EDUCATION

Learning is a process that should continue along the continuum of novice to expert. Competency must be assessed at 3 levels:

- 1. Technical
- 2. Critical Thinking
- 3. Interpersonal Skills

Traditionally, the technical component has been focused on during orientation; however, most performance issues arise due to critical thinking or relational components.

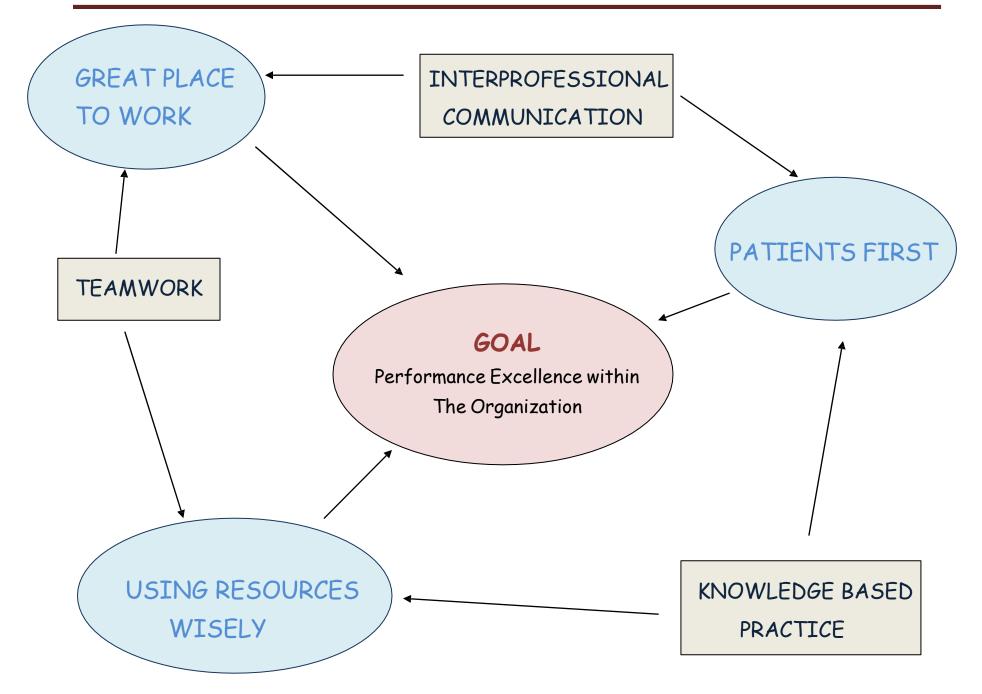
Methods of assessing competence should be varied, & include

- Self assessment
- Preceptor assessment
- Written Tests
- Return Demonstrations
- Mock scenarios
- Observation of care given / tasks performed
- Medworxx

Cardiac Medicine Unit Competence Program Components

- 1. Inter-professional Communication
- 2. Teamwork
- 3. Knowledge Based Practice

C5 CARDIAC MEDICINE COMPETENCY BASED ORIENTATION



The Orientation Process

Initial Meeting with Role Model/Mentor

Once hired you will meet with the Clinical Manager and your Role Model/Mentor on the unit you will be reporting to. You will receive the orientation folder.

- Role Model/Mentor explains the orientation program and answers questions
- Role Model/Mentor will provide you with an orientation of the unit and hospital way finding.
- You will be asked to complete the clinical experience rating of the Competency based assessment tool.

The new staff member, Role Model/Mentor will establish a plan for orientation based on the identified learning needs.

Mid-Orientation Evaluation

- New staff are accountable for identifying their learning needs and seeking out opportunities to meet them
- The Role Model/Mentor will meet with the new staff member to review the competency based assessment to identify strategies to meet learning needs

End of Orientation

The Role Model/Mentor will meet with the new staff member to:

- Review the competency based assessment for incomplete items & establishes a learning plan for meeting learning needs.
- Evaluate the need for further orientation
- Suggest ongoing resources based on continuing learning needs

Orientee:_____ Preceptors:_____ Important Phone Extensions

Phone Numbers	<u>Extensions</u>
Staff Scheduling	2527
Hospital Numbers	Switchboard 519-7527871
	Auto-attendant 519-7515544
Patient Registration	2253
C5 Desk	2566
Clinical Manager – Mila Rozhko	2654
Clinical director – Lori Petrie-Mulrain	2991
Clinician	2678
<u>SICK CALLS</u> For days – call the night before if possible or by 0530 am For Nights – Call by 1400 If an extended sick leave call Org health @2248	519 751 5544 EXT 2566
Human Resources	5526
Payroll	2428
Risk Pro Assistance Christina Andrews	2435
IT Help Desk	HELP - 4357
e-Learning Medworxx:	Karen Arnott
http://bchs.lms.medworx.com/	2522
BCHS Website	www.bchsys.org

Scavenger Hunt

Out and About on the Unit	Completed
Clinical Manager's Office	Ext
Nurse Clinician's Office	Ext
Main desk/communication station	Ext
Nurse Call Bell system – demonstrate use	
Fax Machine/Photocopier, Printer	
Schedule: S drive, staff scheduling, c5, RN or RPN then	
date	
Sign in sheets, request process, how to indicate	
availability, call in procedure for illness/absence	
Staff Phone numbers	
Daily assignment sheets, review and understand break times	
Discharge Action Round Board	
Phone lists for hospital and Physicians	
Locate Unit Manuals: BCHS manual, Patient Services, IV,	S:drive
WHIMS, Emergency, Infection Control	
Locate medication room (pharmacy drop box), med fridge,	
COWS, Narcotic Keys	
Locate Tube system	
Locate Dumb Waiter	
Lab labeler, lab label box	
Locate Glucometer Equipment	
Find the Staff room / Staff Fridge	
Locker area	
Staff Washroom	
Visitor Washroom	
Patient Fridge, ice machine, microwave	
 Cups, utensils, snacks 	
Procedure for items in Patient Fridge	
Public Phone	
Companion Phones and Procedures – how to operate (not	
for patient use)	
Find the dirty core – biohazard, garbage / battery disposal	

Scavenger Hunt

Isolation gowns, isolation signs
Find Patient shower areas – understand rules ie infection
control and patients alone in shower
Flashlights for night shift
Find Supply Cart in Clean Core
Look around
 IV Fluids
 O2 Supplies
 Batteries
 Syringes
 Dressing supplies
 Ostomy supplies
Equipment IV pumps, Enteral Feeding Pumps
Telemetry monitors
Wheelchairs, Stretchers, walkers
Locate fire extinguishers, pull stations and exits
Locate O2 / Air shut off valves (at nurses station)
Locate Code Blue equipment
Find the staff mail slots
Patient education materials – review what's available,
check out BCHSYS web site as well
Patient's room:
 Emergency call bell in bathroom
 Bedside call bell
 Code blue button
• O2 set up
 Suction setup
 Pocket masks
 Review standard instructions for call bells and bed
alarms
Locate Unit Huddle Board

STANDARDS OF CARE

Intervention	Frequency
Admission Physical And History	On admission
Admission Part One	On admission
Admission Part Two	On admission
Teaching assessment	On admission and Q shift
Hendrich II Falls Risk Assessment	On admission and PRN
ARI screening tool if not completed	On admission and with status change
Admission swabs if required	On admission and PRN
Tobacco use record	On admission
Wound assessment	On admission
Teaching record	On admission and PRN
Physical assessment	Q shift
VS	Q4h x 24 then Q6h for the next 24 then Qshift when stable
Telemetry assessment by Internist	Q 24hrs
Rhythm review	Q shift and PRN
Pain assessment	Q shift
Teach back	Q shift
CAM Assessment	Q shift
Daily activity assessment	Q 4hrs
IV Peripheral Line Assessment	Q shift
In/Out	Q shift
ТОА	Q shift
Review and update text bubbles in kardex	Q shift
Care plan review	Q shift
48 hour conversation	Day 2 post admission
Braden Skin Risk Scale	Q Monday and with change in status
Turn and position	Q 2 hrs as needed
Teaching record	Q shift
Trillium Gift of Life	On patients 79 yrs or younger before or after death

Review: lab results, diagnostic test results, physician progress notes, physician orders on ongoing bases thought out the shift, communicate with physicians report abnormal findings to physician, communicate with other members of multidisciplinary team throughout the shift.

Elements of Care	Goal	Actions & Patient Outcomes
Cardiovascular Circulatory	 Within defined limits Regular rhythm Peripheral pulses palpable No visible edema on feet ankles hands Extremities pink and warm 	 Vital signs Q4h for first 24 hrs minimum Q6h for next 24 then Qshift when stable Assess orthostatic BP's as needed Chest assessment q shift Review cardiac rhythm, monitor for any change or deviation from baseline Assess patients for signs of angina document under chest pain assessment Provide health teaching to patients on cardiac medications
Respiratory	 Breath sounds clear and equal bilaterally Sputum absent or clear Normal breathing pattern with no use of accessory muscles Respirations less that 20 BPM at rest, quiet and regular Takes several deep breaths followed by effective cough 	 Chest assessment q shift DB&C prn for patients on bed rest O2 supplementation as per physician orders Provide health teaching to patients who require inhalers
Integumentary	Skin intact with normal hydration, color, appearance and temperature 	 Braden scale completed on admission and with change in status Dressing – as ordered collaborate with wound team as required ext. 2018 Inspect heels & all other pressure points q shift Utilize pressure reducing and relieving surface prn <u>Ostomy pts:</u> Change ostomy appliance q 5 days & prn Document appliance size & date to change on care plan
Musculoskeletal	 Maintain patients baseline in functional abilities 	 Ambulate patient as per plan of care Collaborate with PT, OT re: safe ambulation and required equipment Use caution with patients admitted with syncope or cardiac arrhythmias follow doctor's orders closely

Neuro/ Sensory	 Alert and oriented to person place and time Pupils equal and reactive to light Intact memory and comprehension ability and clear speech pattern Active range of motion equal strength to extremities bilaterally Absence of sensory deficits No numbness or tingling to extremities 	 Monitor LOC q shift and PRN Monitor sedation level / potential side effects of any administered narcotics and controlled substances For orthopedic patients and patients with impaired circulation: Monitor color, sensation, cap refill, temp, pedal pulses, edema and movement q shift
GI/GU – Nutrition	 Maintain/optimize nutritional status 	 Monitor dietary intake and ensure appropriate dietary texture Collaborate with Dietitians and Speech Language Pathologists as required Ensure adequate oropharyngeal health and proper fitting dentures if required
GI /GU – elimination	 Urine clear yellow to amber, continent of urine, urinary drainage system patent if present, absence of discomfort with voiding, no indication of decreased urinary output 	 <u>GU</u> Record I &O q shift or as ordered Ensure urine output remains >30cc/hr and notify physician if output insufficient Encourage adequate fluid intake Record urine amount, colour, presence of clots q shift & prn for patients with catheters
GI/GU - elimination	 Patient will maintain their normal bowel pattern while in hospital Abdomen soft, bowel sounds present, absence of nausea and vomiting, bowel elimination within patient's normal pattern, continent of stool 	 <u>GI</u> Abdominal assessment q shift & prn Record bowel movements and notify Infection Control if patient has more than 2 loose, watery stool stools Encourage ambulation <u>NG pts:</u> Abdominal assessment q shift (distention , rigidity, bowel sounds, pain) Record amt. of drainage on container & on I&O assessment q4h. Record colour & characteristic of drainage on progress notes Monitor patency & irrigate prn Monitor lab values (K+, NA+, HCO3)

		 <u>Ostomy pts:</u> Record amount, colour, consistency of ostomy contents q shift & prn Assess colour, size, shape of stoma
Psychosocial	 Patient will demonstrate effective coping, reduced anxiety Patient & or family will understand & participate in their plan of care 	 Assess pt. / family knowledge & understanding of illness / disease process Review plan of care with patient / family Provide emotional support as needed Be aware of ethnic / cultural beliefs Provide ongoing health teaching & reinforcement of new learning as needed
Discharge	 Provide pt. with optimal tools to maintain optimal health & a healthy lifestyle Patient / family will verbalize understanding of pertinent subjects Wound care Activity level, diet S&S to report to physician Follow up appointments Medications 	 Ensure that health teaching is complete upon discharge Review d/c instructions with pt. / family Review medications with pt. /family Ensure that special health teaching / learning needs have been initiated during hospital stay have been met before d/c. Ongoing documentation of health teaching in teaching intervention. Ex. Ostomy care, diabetes, catheters.

Benner's Novice to Expert Frame work

Please refer to the following definitions and examples to further assist you in the self- assessment process

Novice	Has yet to receive the theory component and has never performed the skill	The novice nurse has not been taught how to insert a foley catheter or discussed the expected care standards in a classroom setting.
Advanced Beginner	Has received the theory Component and performed the skill in a lab setting only.	This level practitioner has learned how to Insert a foley catheter and the expected care standards, but has not practiced these skills in a clinical setting.

		T1
Competent	Has performed the skill in	This practitioner can safely and
	clinical practice but would	competently insert a foley catheter, but
	prefer to have a clinical	may request that a colleague observe the
	preceptor or peer nearby.	process and confirm standard norms.
Proficient	Has achieved independence in	This practitioner takes appropriate action in
	performing the skill.	response to the patient's changing
	Recognizes relevant clinical	genitourinary status and interpretation of
	changes and	the patient's signs/symptoms
	organizes/implements skilled	(Initiates emergency intervention prn,
	responses to these changes.	collaborates with the physician to revise
	Frequently assumes preceptor	the plan of care.)
	role.	
Expert	Consistently demonstrates	This practitioner enters the room and as a
	competence in selected skills.	result of extensive experience with similar
	Multiple experiences in the	experiences, knows that a patient is
	clinical setting. Has an	compromised. This nurse quickly and
	intuitive grasp of situations.	holistically assesses the situation &
	Anticipates	identifies priorities. Anticipates revised
	situations/complications.	plan of care.
	Masterful in solving problems.	
	Acts as a preceptor.	

Complete the self-assessment on the following pages, and based on your evaluation, assign yourself a level, from Novice to Expert. This will enable you to focus on your present and future learning needs.

Learning Needs Assessment/Competency Model



How to Complete the Competency Model

Criteria

This column lists general and specific knowledge, technical skills, communication/leadership and critical thinking skills that need to be covered during orientation. This knowledge provides a foundation for professional nursing in the surgical unit. The professional nurse practices according to this knowledge, and builds upon it in order to develop and progress along the continuum from novice to expert within the identified core competencies.

Learning Resources/Strategies

This column provides suggested resources i.e.: videos, learning packages, articles, policy numbers, texts, & personnel that you may utilize to achieve the required knowledge or skill.

Evidence of Competence

This column suggests ways for you to demonstrate that you have achieved the knowledge, skill and judgment in this area of practice.

Self-Assessment Rating

This provides an opportunity for you to evaluate and document your current learning needs. Review each skill and rate your ability according to the Novice to Expert continuum. If you rate yourself as an expert in an area, you should still review the unit's current policy on that subject.

★ The self-assessment is important because it provides the foundation for your orientation needs. You and your preceptor will review this information and devise an orientation plan based on your learning needs.

Completed by date & Is a Learning Plan Required ?

When you have performed a skill independently, you and your preceptor will initial the column to indicate this. If you have not completed all items, a learning plan will be established to meet your learning needs. Mark a "P" (for plan) in this column to identify areas where further assistance is required.

INTERPROFFESIONAL COMMUNICATION

Performance Criteria	Strategies & Resources	Evidence of Competence	Self Assessment	Date Completed	Comments
		competence	Rating	compieted	
Discusses the model of care utilized in the Medical Cardiology Program	Manager/Clinician/Preceptor Or CNO Professional Standards for RN's & RPN's	Discusses the main concepts of Collaborative Care Model			
Responds to changing workloads & patient acuity to maximize resources	As above	Discusses the decision making process & collaboration expectations			
Clearly & concisely report to oncoming shift. TOA Establishes priority of problems & needs according to actual & potential threats to the patient	Observe preceptor. Discussion with Nurse Clinician/ Preceptor	Transfer of Accountability to oncoming staff. Is able to give a detailed history & overview of the shift.			
Accurately initiates & documents of the following Electronic Charting BMV Order Entry Angiogram preparation health teaching Chest pain / CHF management Halogen Risk Pro Cardiac rehab	Documentation with Clinician Observe Preceptor Information Technology Laboratory Staff	Charting is accurate and complete. Demonstrates the importance of documenting response to treatment. Documents referral of problems appropriately Completes Order entry requisitions appropriately			
Recognizes & develops strategies to resolve interpersonal conflict Understands Bill 168 > Code of Conduct > Respectful workplace > Whistleblower Policy	Discuss communication and conflict resolution with nurse clinician Policy IV 67, IV70, IV69 Complete medworx assignments	Describes disruptive behaviour. Passing grade on medworx assignment			
Collaborates with patients, families & multidisciplinary team to implement and evaluate individualized care/services to enhance health outcomes. Ensures confidentiality.	Discussion with clinician/preceptor Policy IV180 Standards of Nursing Practice Guidelines for Professional Behavior (CNO)	Discusses the Nurse's prof. responsibility to the patient, family & health care team. Maintains confidentiality & privacy			
Updates Halogen and completes self-assessment by probationary period. Continues to update Halogen performance appraisal system ongoing.					
Demonstrates ability to provide appropriate health teaching early in hospital	View teaching videos Review items available on B5 for teaching	Client can verbalize and demonstrate teach back			

TEAMWORK

Individuals can work more effectively within a team and achieve their potential.

Performance Criteria	Strategies & Resources	Evidence of Competence	Self Assessment Rating	Date Complete d	Comments
Understands principles of team dynamics & multidisciplinary collaboration.					
Able to describe individual role and that of others	CNO Multidisciplinary team members	Discusses with preceptor			
Participates in collaborative decision making Considers roles of others in determining own professional & inter- professional roles.		Demonstrated during daily patient care.			
Demonstrates ability to access other team members skills & knowledge when required					
Attends multidisciplinary action rounds & effectively facilitates discussions & interactions among team members. Participates & is respectful of all team members.	Preceptor Team members	Demonstrated during daily rounds.			
Demonstrates a willingness to support other team members.					

TEAMWORK

Initiate Action in an Emergency Situation

Performance Criteria	Strategies & Resources	Evidence of	Self	Date	Comments
		Competence	Assessment	Complete	
			Rating	d	
Has up to date CPR certificate & maintains certificate.	Education resources for Re- certification. Brant CPR – classes on site	Current BCLS certification card			
Discusses the role of the nurse during Code Blue	Hospital orientation Policy N-IV-235 Mock Code Blue	Demonstrates oropharyngeal airway insertion, use of pocket mask, bag valve mask Verbalizes when to activate code blue			
Demonstrates ability to locate Code Blue equipment ➤ Code Blue call button ➤ Pocket mask ➤ Code blue record ➤ Code blue cart on unit	Preceptor Clinician	Evidence of location demonstrated			

Infection Prevention and Control

Performance Criteria	Strategies & Resources	Evidence of Competence	Self Assessment Rating	Date Complete d	Comments
 Demonstrates understanding of Nosocomial Infection Control Routine precautions Droplet, contact, airborne, enteric, etc. MRSA/VRE/ESBL Febrile Respiratory Illness tool (FRI) Hand washing 	S:drive – Infection Control folder Policy M-IV-185 Infection control nurse Clinician/Preceptor	Locates appropriate policy Practices routine & added precautions Communicates concerns to appropriate member of the multidisciplinary team			
Locates patient/visitor handouts & educates re: specific nosocomial isolation Appropriate Infection Control signage on doors					

Performance Criteria	Strategies & Resources	•	Self Assessment Rating	Date Completed	Comments
Defines individual level of skill functioning &	Benners Framework	Completion of competency			
individual scope of practice – knowledge,	CNO Guidelines	based orientation and			
skill, & judgment		ongoing self-assessment.			

Performance Criteria	Strategies & Resources	Evidence of Competence	Self Assessment Rating	Date Completed	Comments
 Preparation of the Surgical Patient: Prepares patient for OR per physician orders and pre-op medical directives ▶ NPO at ▶ Informed Consent by surgeon ▶ Chest X-ray ▶ ECG ▶ Required Lab work > Initiates appropriate IV (site, size, & solution) ▶ Up to date Nursing history 	Clinician/Preceptor, Unit Clerk Surgical Nursing Staff Policy N-IV 1550, N-IV 1530	Locates pre-op lab results, Understands when chest x-ray, ECG are necessary Completes Pre-op checklist			
 Follows hospital safety protocols Use of 2 patient identifiers prior to transfer to OR Completes pre-op surgical checklist 	Policy N-IV 802	Demonstrated Evidence			
Demonstrates Understanding of Antibiotic Prophylaxis Ordered antibiotics hung and clamped for administration in OR	Pharmacy Manual				

Performance Criteria	Strategies & Resources	Evidence of	Self	Date	Comments
		Competence	Assessment	Completed	
			Rating		
CARE OF THE POST – OP PATIENT					
 Participates in post-op TOA ➢ Receives timely report from PACU ➢ Acquires accurate & precise information 	SBAR	Demonstrated by knowledge of clients history & current situation			
 Monitors for acute post-op problems Vitals Physical assessment falls within patients norm 	Post-operative learning package Standards of Post – op care PACU course Clinician / Preceptor / Team Lead Epidural Learning package	Demonstrated through accurate documentation			
Monitors for & provides adequate pain management. Monitors for complications with pain management. Understands the use of Narcan for itching & narcotic reversal.	Pain management learning package Internet CPS	Demonstrated through adequate & appropriate medication administration			
Demonstrates principles of aseptic wound care.	As Above CNO Best Practice Guidelines – Wound Care	Evidenced by appropriate post – op wound care			
 Understands reasons for drain insertion ➤ Types of drains ➤ Care required for post-op drains ➤ Output monitoring 		Demonstrated through appropriate documentation			
Knowledge of progression of care from acute post-op phase to discharge.		Discussion with preceptor / Team Lead			

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Performance Criteria	Strategies & Resources	Evidence of	Self	Date	Comments
		Competence	Assessment	Completed	
			Rating	•	
CARDIOVASCULAR NURSING					
MANAGEMENT					
Knowledge of the Anatomy & Physiology	Cardiac Med/Surg textbooks	Demonstrates application			
of the Heart	C5 – "Recovery Road" binder	ofknowledge			
Performs Cardiac Assessment	Internet & Librarian	Performs assessment			
Demonstrates ability to perform accurate	Orientation skills binder	and completes			
CSM checks (circ., sensation, movement)		documentation in			
Palpates pulses (radial, dorsalis		appropriate screen in			
pedals, posterior tibia,		meditech			
popliteal, femoral		Anticipates & treats			
Assess capillary refill		conditions quickly			
Assess for peripheral edema		Contacts multidisciplinary			
S&S of altered cardiac output		team member when			
		appropriate			
Demonstrates ability to recognize and	As above	Demonstrates ability to			
treat the S&S of		anticipate & treat			
Unstable angina / chest pain		conditions quickly			
management		Contacts MD in timely			
Myocardial Infarction, immediate		and appropriate			
management		situations with adequate			
CHF – acute and chronic		information			
management		Collaborates with			
A fib		multidisciplinary team as			
Syncope – potential causes		appropriate			
		Accurate & timely			
		documentation			
Demonstrates knowledge of cardiac labs	Role Model/Mentor	Discusses tests used at			
/ tests ordered to identify myocardial	Lippincott /MD Pharmacist	the BGH site & labs to be			
damage	Lippincott	monitored			
Demonstrates understanding of cardiac	Current drug manual	By anticipating			
drug therapy	Pharmacist	hemodynamic effects			

Performance Criteria	Strategies &	Evidence of	Self	Date	Comments
	Resources	Competence	Assessment	Completed	
			Rating		
IV THERAPY					
Understands indications for IV therapy & solutions used.	IV learning package IV nurse, clinician, team members BCHS IV therapy policies	Evidenced by discussion with team members			
Reviews MD orders before initiating IV therapy.	Review of chart	Demonstrates application of knowledge			
Understands adverse, therapeutic effects & interventions & precautions.	As above, Up to date On-line				
Understanding of appropriate IV cannula sites for solutions & medications.	IV learning package	Demonstrated during IV insertion training			
Able to program & run infusion pumps. Able to set up appropriate IV tubing.	Baxter Collegue learning package	Discussion/ demonstration previous experience.			
Understands steps for & indications for flushing saline lock.	Clinician, IV nurse	Demonstration during IV insertion training			
Documents appropriate fluids, volume, procedure & medication in appropriate area in meditech documentation.	Meditech, Role Model/Mentor Lippincott, clinician	Demonstrated by appropriate documentation			

Performance Criteria	Strategies & Resources	Evidence of	Self	Date	Comments
		Competence	Assessment	Completed	
			Rating	-	
CENTRAL VENOUS ACCESS DEVICES					
Able to state the indications for use of	CVAD Learning Package	Discussion with IV nurse,			
Central Venous Access Devices.	IV Team	preceptor, team lead			
	Role Model/Mentor				
Outlines vascular anatomy and		As above			
recommended insertion sites for CVAD.					
Identify types of CVAD's available and					
indications for use.					
Understands the general principles of		Performs individual skills			
post insertion care.		for assessment			
Performs and identifies specific nursing					
interventions for each type of CVAD					
Blood sampling					
Dressing change					
Flushing					
Intermittent cap change					
Recognizes potential complications &					
nursing interventions for each of the					
complications					
Able to provide appropriate health		Discussion with IV nurse,			
teaching related to CVAD		preceptor, team lead			
Documents appropriate nursing care in		Demonstrates			
meditech.		documentation			
Able to locate polices	B-NET - Document Source –				
NIV-829 Central Line Fever	Clinical - Patient Services				
Protocol	Manual				
NIV-881 PICC Blood Sampling NIV-882 PICC Depleting with the					
NIV-882 PICC Declotting with tPA NIV 882 PICC Dressing Change					
NIV-883 PICC Dressing Change					
 NIV-884 PICC Flushing NIV-885 PICC Cap Change 					
NIV-885 PICC Cap Change					

Performance Criteria	Strategies & Resources	Evidence of	Self	Date	Comments
		Competence	Assessment	Completed	
			Rating		
BLOOD PRODUCT ADMINISTRATION	BCHS Policy N-IV- 845 Blood Product Table BCHS Blood Administration Learning Package Bloody Easy 2 published by Canadian Blood Services	Evidence of Knowledge, Skill and Judgment Completion of Blood Administration Package & competencies listed			
Demonstrates understanding of the patients diagnosis and the purpose for the blood product. Knowledge of the 8 rights of Transfusion (patient, product, amount, rate, time, reason, site, frequency)	Patients history Multidisciplinary team members	Lists the lab values that need to be monitored. Follows accepted BCHS guidelines			
Ensure physician's order is written and informed consent obtained. Knowledge of who can obtain and witness consent.					
Demonstrates understanding and ability to administer blood product per blood product administration checklist after, completing BCHS Blood Administration package.		Demonstrates safe administration the blood product safely.			
Identifies and understands signs and symptoms of transfusion reaction. Able to identify actions if transfusion reaction occurs.					
Demonstrates knowledge of proper disposal of blood tubing and blood bags.					

Performance Criteria	Strategies & Resources	Evidence of Competence	Self Assessment Rating	Date Completed	Comments
ARTERIAL BLOOD GAS ANALYSIS					
Demonstrates an understanding of Acid Base physiology Acid Base Buffer Deco2, UCO2, Deco2, O2	Role Model/Mentor, Lippincott, Clinician, Surgical skills binder	Discusses with preceptor			
 ph, PaCO2, HCO3, PaO2, O2 Knowledge of causes & S&S of Respiratory/Metabolic Acidosis Respiratory/Metabolic Alkalosis Hypoxemia 	As Above	As Above Demonstrates through knowledge of when to notify physician and expectation of ABG order			
Able to identify Steps for arterial blood gas interpretation		Discussion with preceptor			
Able to identify normal > ph > PCO2 > HCO3 > SaO2		Analysis of test results			
Demonstrates knowledge of when Arterial Blood gases may be a necessary tomeasure		As above			
Demonstrates basic knowledge of ABG interpretation & when to notify Physician of abnormal results		Discusses test results with preceptor			

Performance Criteria	Strategies & Resources	Evidence of Competence	Self Assessment Rating	Date Completed	Comments
RESPIRATORY NURSING MANAGEMENT					
 Knowledge of the Anatomy & Physiology of the Respiratory System Performs a Respiratory Assessment Auscultates Chest, recognizes normal & abnormal breath sounds Assess skin colour in relation to oxygenation 	In house Respiratory Therapist Role Model/Mentor Lippincott	Demonstrates application of knowledge Demonstrates ability to collect data using non-invasive & invasive techniques Documents findings appropriately			
 Demonstrates ability to recognize & treat the S&S of ➢ CHF/Pulmonary Edema ➢ Pneumothorax ➢ Acute & long term issues 		Anticipates & treats conditions quickly			
Demonstrates knowledge & ability to set up Face mask, trach mask, nasal prongs, venti-mask, non- rebreather, ambubag, portable O2 tanks, SpO2 monitor	Role Model/Mentor, Lippincott, Clinician Respiratory therapist	Demonstrates correct O2 set up for patients current state			

Performance Criteria	Strategies & Resources	Evidence of Competence	Self Assessment Rating	Date Completed	Comments
CARE OF PATIENT WITH A CHEST TUBE					
Demonstrates understanding & indications for chest tube insertion	Atrium "managing chest drainage guide" BCHSYS chest tubes skills package – Surgical skills binder Standard of Care for Chest Drainage System with Dry Seal System	Able to discuss disease processes requiring chest tube insertion			
 Able to locate equipment and supplies for care of chest tube. Atrium chest tube drainage system Kelly forceps Wall suction setup Dressing supplies, Elastoplast tape 	Team members, Role Model/Mentor, Lippincott	Locates equipment and prepares to set up drainage system			
 Demonstrates ability to set up drainage system. Connects patient's chest tube to collection chamber. Ensures connections and dressing are taped securely Positions drainage system below patient's chest Connects the suction source to the suction port on the 	Atrium "managing chest drainage guide" BCHSYS chest tubes skill package – Surgical skills binder	Demonstrates application of knowledge			

 drainage system if ordered. Adjusts suction regulator on drainage system as ordered Adjusts suction source to appropriate level Injects sterile H2O into the air leak meter injection port until fluid reaches fill line 				
 Demonstrates understanding of patient monitoring Monitors for air leaks q 15 min until stable then q4h & prn Monitors for kinks loops q4h & prn Evaluates vital signs, respiratory status , skin colour comfort level and emotional state initially then q4h & prn 	Standard of care for chest tube drainage system Role Model/Mentor, Lippincott, Team members	Demonstrated evidence		
 Provides appropriate patient education Encourages deep breathing & coughing Encourages appropriate use of pain medications 		Demonstrated evidence		
Demonstrates ability to document appropriate interventions, assessments & health teaching in meditech		Demonstrated evidence		
Responds appropriately to complications and unexpected events.	BCHSYS chest tubes skill package	Discusses and demonstrates evidence		

Performance Criteria	Strategies & Resources	Evidence of Competence	Self Assessment Rating	Date Completed	Comments
GASTROINTESTINAL NURSING MANAGEMENT					
 Demonstrates knowledge of the Anatomy & Physiology of the GI system through an accurate abdominal assessment Recognizes normal & abnormal bowel sounds Recognizes abnormal or excessive tympany Accurate monitoring & documentation of elimination patterns Accurate monitoring & documentation of nutritional intake 	Role Model/Mentor, Lippincott, Surgical Skills Binder	As observed through accurate documentation in meditech			
 Demonstrates knowledge & ability to care for a patient with an ostomy ➢ Appliance application ➢ Skin care ➢ teaching 	Wound care team, team members, Convatec patient handouts Surgical Skills Binder	Ability to demonstrate application of appliance and provide patient with appropriate teaching As observed through accurate documentation in meditech			
Demonstrates knowledge & ability to care for a patient with a nasogastric tube ➤ NG insertion ➤ Determine accurate	Policy & Procedure N-IV- 1310 N-IV- 401 Role Model/Mentor, Lippincott /Clinician	Return Demonstration As observed through accurate documentation			

	incurcar un cettives & unit sp	seeme policies & proce	uures		
 placement Monitor & assess NG drainage Assembly & monitoring of Gomco Sump suction unit Assembly & monitoring of feeding pump Normal / abnormal lab values Assessment & Care of a patient with a gastrostomy/jejunostomy tube Managing feed pump Delivering nutrients & water flushes Care of tube site 					
Performance Criteria	Strategies & Resources	Evidence of Competence	Self Assessment Rating	Date Completed	Comments
GENITOURINARY NURSING					
MANAGEMENT					
 Demonstrates knowledge & ability to perform accurate genitourinary assessment Measures accurate outputs according to policies and physician orders Assesses for renal failure Recognizes & monitors abnormal lab values 	Research articles Role Model/Mentor, Lippincott	Assessments validated by preceptor / clinician Recognizes changes that require Physician notification Anticipates new orders from physician			
 Demonstrates an understanding of Catheter Care including Catheter insertion & removal In & out catheterization Foley catheter Suprapubic catheters Nephrostomy Tubes 	Role Model/Mentor, Lippincott, Clinician P&P N-IV-208, NIV-209, N- IV-214	Insertion of foley following policies & procedures Lists the S&S of infection			

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Continuous Bladder Irrigation				
(CBI)/Intermittent Bladder				
Irrigation				
Urostomy care & maintenance				
Care & maintenance of urinary				
drainage equipment				
Demonstrates knowledge of	Role Model/Mentor,	Demonstration of		
S&S of urinary infection	Lippincott, Electronic Lab	bladder scanner &		
Accurate testing to determine	manual	accurate		
UTI		documentation,		
Demonstrates Accurate use of		appropriate		
Bladder Scanner & Bladder Scan		intervention post		
Protocol		bladder scan		
Demonstrates understanding of post-	P&P N-IV-1215	Evidenced by the		
op Mitomycin procedures & policies.	P&P N-IV-1280	ability to locate the		
		policy & discuss		
		procedure with		
		preceptor		

Performance Criteria	Strategies & Resources	Evidence of Competence	Self Assessment Rating	Date Completed	Comments
TOTAL PARENTAL NUTRITION					
Demonstrates understanding of indications for TPN Knows adverse, therapeutic effects and expected outcomes.	TPN learning package Dietician, Pharmacist Clinician, Surgeon Policy manual, Up to date online	Demonstrates application of knowledge Discussion with support staff			
Recognizes the differences between peripheral and central TPN.		Discussion			
Understands TPN orders and daily responsibilities surrounding acquiring TPN orders.		Discussion with team members & evidenced by obtaining accurate orders			
 Performs nursing responsibilities & understands rationale. Demonstrates understanding of TPN set up with appropriate tubing & rationale for tubing use. Performs appropriate documentation in meditech. 	Learning package, co- workers, policy, Clinician	Demonstration of TPN set up Evidenced by accurate documentation			

Performance Criteria	Strategies & Resources	Evidence of Competence	Self Assessment Rating	Date Completed	Comments
NEUROLOGICAL NURSING					
Demonstrates knowledge of the Nervous System → Sensory – CSM checks post-op → Motor Knowledge of the autonomic nervous system Performs thorough neuro assessment, implementation, & evaluation of care → Glasgow Coma Scale → Canadian Neurological Scale	Role Model/Mentor Lippincott/Surgical Skills binder Internet Physiotherapist Occupational therapist	Able to identify motor & sensory pathway & their significance Identifies the effect of the ANS & the significance Able to perform a neurological assessment using the > Glasgow coma scale > Canadian Neurological scale			
 Expresses the difference between delirium, dementia, and depression CAM observation record Manages challenging behavior using non-pharmacological techniques Able to assess delirium using the CAM tool 	As above Least restraint policy	Discusses difference between dementia & delirium Verbalizes techniques to manage patients behaviour			

Performance Criteria	Strategies & Resources	Evidence of	Self	Date	Comments
		Competence	Assessment	Completed	
			Rating		
COMPARTMENT SYNDROME					
 Demonstrates an understanding of compartment syndrome, anatomy & disease process ➢ Defines compartment syndrome & potential causes 	Role Model/Mentor, Lippincott, Clinician Surgical Skills Binder	Discussion with preceptor As evidenced by appropriate CSM checks and accurate documentation			
Recognizes S&S of compartment syndrome & resulting medical emergency > Pain > Palpably tense > Pain with passive stretch > Paresthesia > Paralysis > Pulselessness /pallor	Acute compartment syndrome learning package	As above Demonstrates application of knowledge when applicable			
Performs frequent & appropriate CSM checks per policy on high risk patients		As demonstrated through documentation in meditech			
 Demonstrates urgency to react to S&S of compartment syndrome Calls physician immediately Loosens splints if able Contact fracture clinic for cast splitting if necessary Maintains elevation of affected limbs Applies O2 Prepares patient for OR 	Role Model/Mentor, Lippincott, Team members Pre op medical directives Fracture Clinic	Timely calls to physician Ability to react in urgent situations			

Performance Criteria	Strategies & Resources	Evidence of Competence	Self Assessment Rating	Date Completed	Comments
DELIRIUM	Delirium learning package Clinician, Role Model/Mentor, Lippincott	Discussion with preceptor / Team Lead			
Demonstrates knowledge & understanding of predisposing risk factors & precipitating risk factors	As above				
Utilizes confusion assessment for assessing 5 criteria for diagnosing delirium	As above				
Documents on CAM tool appropriately in meditech	As above	Documentation in CAM tool			
Liaise with MD for appropriate orders when patient has a positive CAM tool result	As above	As evidenced by recognition of delirium and discussion with MD			

Performance Criteria	Strategies & Resources	Evidence of Competence	Self Assessment Rating	Date Completed	Comments
MUSCULOSKELETALNURSING					
Describes the anatomy and physiology of the Musculoskeletal System	Role Model/Mentor, Lippincott	As evidenced by appropriate care of the orthopedic patient			
 Care of the patient with a Bone fracture Osteomyelitis Total Joint Replacement External immobilizing device Arthritis 	Role Model/Mentor, Lippincott, Nursing staff Allied Therapy Staff	Documented Care Plan follows care guidelines Care plan includes monitoring of potential complications			
Performs thorough musculoskeletal & neuromuscular assessment, implementation & evaluation of care		As evidenced by accurate and thorough documentation			
 Promotes ➤ safe lifts and transfers ➤ early mobilization ➤ ROM ➤ Positioning 		Demonstrates Application of knowledge			

Performance Criteria	Strategies & Resources	Evidence of	Self	Date	Comments
		Competence	Assessment	Completed	
			Rating		
INTEGUMENTARY					
 Demonstrates knowledge & ability of head to toe integumentary assessment Assess with Braden Scale weekly & prn 5 levels of wound staging Prevention of pressure ulcers Order & apply special surfaces as appropriate Utilizes best practice wound protocols 	Wound Team Clinician Attend wound care Textbooks Co-workers	As evidenced by accurate & appropriate charting			
 Wound Care consults wound team as needed follow CNO best practice guidelines as appropriate checks MD orders for specific wound care orders maintains aseptic technique 	CNO Best Practice Guidelines Learning Packages	As evidenced by demonstration			
 VAC Dressings What is a vac dressing Proper application of dressing Maintains aseptic technique Operation of pump & VAC dressing settings Assessment of wound to meet goals & objectives 	Learning package Internet Clinician KCI VAC Representative Wound Team	As evidenced by demonstration			

Performance Criteria	Strategies & Resources	Evidence of Competence	Self Assessment Rating	Date Completed	Comments
LEAST RESTRAINTS					
Understanding of common terminology surrounding least restraints.	Learning Package	Discussion with Team Lead, Clinician			
Demonstrates awareness of the key factors that influence the safe, effective & ethical choices to minimize the use of restraints.	Learning package "Least Restraints" Policy N-IV-1760, CNO Guidelines, Bill 85 Clinician, Team Lead	Evidenced by appropriate choices when potential restraints required			
 Understanding of ➢ Policy of least restraints – Patient Services Manual N-IV-1760 ➢ Bill 85 ➢ CNO restraint standards 	As above				
Able to identify & implement Consent requirements Alternative to restraints	As above				
Demonstrates familiarity with the decision tree when considering restraint use	As above				
Demonstrates appropriate & correct procedure for applying physical restraints to prevent injury to patient.	Learning package "Least Restraints" Learning package "Pinel Basic Instructions"	Demonstration of application of Pinel Restraints			
Reviews "code white" procedures. Appropriate documentation in meditech under correct interventions. Completes & documents appropriate patient checks.		Demonstration of documentation			

Performance Criteria	Strategies & Resources	Evidence of	Self	Date	Comments
		Competence	Assessment	Completed	
			Rating		
ACUTE & PALLIATIVE PAIN MANAGEMENT					
 Demonstrates awareness of pain in the older adult Presentation of pain in patients & cognitively impaired older adult Describes goals of adequate pain control 		Demonstrates application of knowledge Discussion with preceptor			
Able to describe the difference between acute & chronic pain Identifies & overcomes the barriers to effective pain management	Role Model/Mentor, Lippincott, Clinician Pharmacist Surgical Skills Binder	Demonstrates application of knowledge			
 Utilizes Pain Assessment tools ➢ Uses systematic pain assessment (PQRST U) ➢ Uses specific pain assessment timelines ➢ Reassesses pain control post medication administration 	As above Internet Pain management articles / texts				
Understands differences between long & short acting narcotics Considers various pain management options Demonstrates skills of various pain management administration options		As evidenced by discussion with preceptor Appropriate & correct medication administration			
Understands the myths and truths of providing appropriate & adequate pain medication	As above				
Demonstrates appropriate documentation in meditech		As observed by preceptor			

Performance Criteria	Strategies & Resources	Evidence of	Self	Date	Comments
		Competence	Assessment	Completed	
			Rating		
CARE OF CADD PUMP	CADD pump Training Guide – Smiths Medical located in Surgical Unit Skills Book BCHSYS CADD Pump Learning Package	Evidence of Knowledge, Skill & Judgment Completion of CADD Pump Package & Competencies listed			
Demonstrates understanding of the patient's diagnosis & the purpose for using a CADD pump.	Patients history Multidisciplinary team members	Reviews patients history and physicians orders			
Demonstrates ability to install batteries					
Demonstrates ability to lock and & unlock pump using code for pump.	BCHSYS CADD Pump Learning Package	Demonstrates the process with a mentor.			
Demonstrates ability to set values as ordered by physician.		Completes competency checklist for initiating a CADD Pump			
Demonstrates understanding of patients need for dosage increase.					
Understands rationale for independent double check of pump.					
Demonstrates ability to perform health teaching and proper usage of pump with patient and family.					
Demonstrates use of aseptic technique.	CNO best practice – aseptic techniques				
Demonstrates accurate & appropriate charting in meditech system.	Meditech CADD pump intervention				

Learning Plans

The learning plan is an important part of orientation as well as nursing practice in general. The process of developing a learning plan is part of the College of Nurses of Ontario's Quality Assurance program. The following will guide you to develop your own learning plan.

What is a learning plan?

✓ A document to help identify learning needs, and help to track and evaluate your learning.

Why do I need one?

- ✓ Helps to clearly define learning objectives.
- ✓ Co-ordinates learning needs with strategies and resources to meet goals and objectives.
- ✓ Assists with the evaluation of learning

The learning plan is required for halogen performance appraisal. It is important to review and revise your learning plan on a regular basis. You are involved in learning every day. The learning plan simply formalizes and keeps track of your learning.

Developing a Learning Plan

Reviewing your orientation tool is a starting point for developing a learning plan. In the orientation tool are all the competencies that the surgical Nurse must demonstrate. It is expected that all surgical RN/RPNs will meet the minimum standards as demonstrated by the core competencies.

The new staff member identifies areas in which she/he requires further learning. These become the **learning objectives**. You do not have to limit yourself to objectives found within these documents.

Common questions: What area do I want to focus on? What do I need/want to learn?

Make your learning goals "smart goals" (**S**pecific, **M**easurable, **A**ttainable, **R**ealistic, and **T**imely)

Next utilize the strategies and resources to help you learn what you want/need to learn. This will guide you in attaining your learning objectives.

Next, how will you demonstrate what you have learned? These are your **evidence of competence**. This is the evidence you must show to demonstrate that learning goals have been met. It is also important to consider who will evaluate my learning?

Last, you must set a **target date** for completing your goals. The target date will vary depending on the complexity and urgency of your goals. Some goals will be easily met in a short time period, whereas learning for other goals may be ongoing.

Learning Plan for:

Team Lead:

Date:

Preceptor/Mentor:

	Песеріог/ментог.			
Learning Objectives What do I need/want to learn? S-M-A-R-T Goals	Strategies and Resources Where can I find the information I need to learn?	Evidence of Competence How will I demonstrate what I have learned?	Target Date	

Next Steps/Future Learning:_____

REFERENCES

"A National Interprofessional Competency Framework" February 2010. www.cihc.ca/files/CIHC.IP**Competencies** Feb1210.pdf

CNO, "National Competencies in the context of entry-level Registered Nurse Practice" Revised June 2008

Brant Community Health Care System – Policies and Procedures, OR Competency Orientation package, General Hospital Orientation package, Skill Packages, Previous Surgical Orientation package