



**NURSING DEPARTMENT**

**REGISTERED NURSE SKILLS CHECKLIST  
HEMATOLOGY AND ONCOLOGY**

PLEASE MARK LEVEL OF EXPERIENCE:

- 1 = NO EXPERIENCE  
2 = KNOWLEDGE  
3 = PERFORM INFREQUENTLY (WOULD REQUIRE SOME SUPERVISION)  
4 = ABLE TO PERFORM WITHOUT ANY SUPERVISION

NURSING SKILLS CHECKLIST	1	2	3	4
<b>Classification of Neoplasms</b>				
Anatomic/Staging:				
• Tumor, Node, Metastasis (TNM) System				
Benign				
Histological:				
• Degree of differentiation				
• Type of tissue				
Malignant				
<b>Cancer Therapy</b>				
Care of the patient with:				
Radiation Therapy/Type of radiation used:				
• Electromagnetic				
• Particulate				
- Alpha				
- Beta				
- Neutron				
- Pion (Pimeson)				
Radiation therapy type:				
• Brachytherapy				
• External beam therapy				
• Interstitial RT				
• Systemic RT				
Surgical intervention:				
• Bone marrow transplant:				
- Allogenic				
- Autologous				
- Syngenic				
• Curative surgery				
• Diagnostic surgery				
• Mechanical device insertion				

<b>NURSING SKILLS CHECKLIST</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
• Palliative surgery				
• Prophylactic surgery				
• Reconstructive or rehabilitative surgery				
<b><u>Chemotherapy</u></b>				
Follow protocols				
Patient teaching				
Calculate drug dosage				
Evaluate lab data				
Administration:				
• IM				
• IV – Implanted				
• IV – Peripheral				
• Intra-arterial infusion				
• Intracavity Infusion				
• Intrathecal Injection				
• Instilling through ventricular				
Reservoir				
Oral				
SQ				
Topical application				
Equipment:				
• Infusaid				
• Infuse-A- Port				
• Infusion pumps				
• Intraperitoneal port				
• Ommaya reservoir				
• PCA/CADD				
• PICC				
• Por-A-Cath				
• Tenckhoff catheter				
<b><u>Antineoplastic Agents</u></b>				
Alkylating agents:				
• Busulfan (Myleran)				
• Chlorambucil (Leukeran)				
• Cisplatin (Platinol)				
• Cyclophosphamide (Cytoxan)				
• Mechlorethamine (Mustargen)				
Knowledge of adverse reactions:				
• Alopecia				
• Gonadal suppression				
• Hematuria				

<b>NURSING SKILLS CHECKLIST</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
• Hemorrhagic cystitis				
• Hyperuricemia				
• Ototoxicity				
Antineoplastic antibiotics:				
• Bleomycin (Blenoxane)				
• Dactinomycin (Actinomycin-D)				
• Danorubicin (Cerubidine)				
• Doxorubicin (Adriamycin)				
Knowledge of adverse reactions:				
• Alopecia				
• CHF				
• Cardiomyopathy				
• Gonadal suppression				
• Hematuria				
• Hemorrhagic cystitis				
• Hyperuricemia				
• Phlebitis at infusion site				
• Stomatitis				
Antimetabolites:				
• Cytarabine (ARA-C, Cytosine Arabinoside, Cytosar-U)				
• Fluorouracil (5-FU, Adrucil)				
• Mercaptopurine (6-MP, Purinethol)				
Knowledge of adverse reactions:				
• Alopecia				
• Diarrhea				
• Hepatotoxicity				
• Hyperuricemia				
• Photosensitivity				
• Stomatitis				
Hormonal antineoplastic agents:				
• Diethylstilbestrol (DES)				
• Megestrol (Megace, Pallace)				
• Prednisone (Deltasone)				
• Tamoxifen (Nolvadex)				
• Testosterone (Andro, Depo-Testosterone, Testex)				
Knowledge of adverse reactions:				
• Edema				
• Gynecomastia				
• Hypercalcemia				
• Impotence				



<b>NURSING SKILLS CHECKLIST</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Knowledge of signs/symptoms of complications:				
• Dehydration				
• Extravasation				
• Phlebitis				
• Nausea				
• Vomiting				
Lab values:				
• Cell differential				
• Complete blood count				
• Platelet count				
Leucovorin rescue protocol				
Vinca alkaloids:				
• Vinblastine (Velban)				
• Vincristine (Oncovin)				
Knowledge of adverse reactions:				
• Alopecia				
• Anorexia				
• Constipation				
• Hyperuricemia				
• Peripheral neuropathy				
• Phlebitis at IV site				
• Stomatitis				
Biologic response modifiers				
Antifungals				
Antiemetics				
Anti-psychotics				
Anti-anxiety				
Steroids				
<b><u>Care of the Patient with Cancer of the:</u></b>				
• GI tract				
• Head, Neck, Chest				
• Hematologic system				
• Reproductive System				
• Skin:				
- Malignant melanomas				
- Nonmelanomas				
• Urinary tract				

<b>NURSING SKILLS CHECKLIST</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
<b><u>Specialty Area</u></b>				
Acute care:				
• Adults				
• Paediatrics				
• Bone marrow unit				
• Cancer center:				
- Clinic				
- Home health care				
• Radiation				
<b><u>Nutrition</u></b>				
Assess nutritional status:				
• 24-hour dietary recall				
• Dietary history				
• Lab values				
• Measurement of skin fold thickness				
• Enteral tube feedings				
• Oral				
• Peripheral parenteral nutrition				
• Total parenteral nutrition				
<b><u>Nursing Management</u></b>				
Nursing interventions for:				
• Alopecia				
• Anemia				
• Constipation				
• Diarrhea				
• Fatigue				
• Nausea and vomiting				
• Neutropenia				
• Pain				
• Stomatitis and mucositis				
• Thrombocytopenia				
Working with patient and family psychosocial needs:				
Acute phase				
Chronic phase:				
• Continued treatment				
• During treatment				
Terminal phase				
Bereavement phase				
After treatment (survivorship) – assist patient with goal setting				



<b>NURSING SKILLS CHECKLIST</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Immunosuppressed patients:				
• Universal precautions				
• Reverse isolation procedures				
• Laminar air flow units				
<b><u>Oncologic Emergencies</u></b>				
Care of the patient with:				
• Cardiac tamponade				
• Disseminated intravascular coagulation				
• Hypercalcemia				
• Organ obstruction				
• Sepsis				
• Spinal cord compression				
• Superior vena cava syndrome				
• Tumorlysis syndrome				
<b><u>Oncologic Procedures</u></b>				
• Assist with bone marrow biopsy				
• Assist with liver biopsy				
• Assist with paracentesis				
• Assist with chest tube insertion				
• Assist with central line placement				
• Assist with thoracentesis				
• Administration of blood / blood products				
• Drawing blood from central lines				
• Drawing venous blood				
• Starting IV's				
• Management of PIVs, CVCs and VADs				
• Prevention / recognition /management of extravasation				
• Handling body fluids and cytotoxic agents				
• Management of cytotoxic spills				
• Fever management				
<b>Miscellaneous</b>				
• Ability to take charge duty				
• Nursing Care Plan using the nursing process				
• Team nursing				
• Primary nursing				
• Nursing documentation using APIE notes				
• Discharge planning				
• Verbal handover of allocated client(s)				
• Clinical preceptor				

<b>NURSING SKILLS CHECKLIST</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
• Control of drug keys				
• Educational session at ward level				
• Conflict resolution				
• Multicultural nursing				
• Management skills				
• Teaching skills				
• Leadership skills				

<b>CERTIFICATION</b>	<b>YES</b>	<b>NO</b>	<b>EXPIRY DATE</b>
BLS			
ACLS			
NRP			
PALS			
IV THERAPY			

*The information I have given is true and accurate.*

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NAME (PLEASE PRINT)