



APPHON/ROHPPA

Pediatric Chemotherapy/Biotherapy Administration

Clinical Competency Checklist

Provider Name _____ Signature _____

Work site _____ Supervisor Signature/initial _____ / _____

Competency statement: The Registered Nurse (RN) will assess the patient, educate the patient/ family, provide applicable physiological preparation, administer chemotherapy/ biotherapy, and provide post care in a safe and therapeutic manner, in accordance with *APPHON/ROHPPA Pediatric Chemotherapy Administration Standards and Competencies*.

The RN must have met the knowledge criteria and clinical competence before administering chemotherapy or biotherapy to a patient:

<http://www.apphon-rohppa.com/en/levels-care>

Clinical competency must be **initially** verified by at least **three supervised chemotherapy/ biotherapy administrations**. Additional supervised administrations may be required to ensure competency of the new learner. Clinical competency must be shown in the following aspects, reflective of the level of care the nurse will provide at his/her institution, and in keeping with local institutional policies. Supervision must be by a competent chemotherapy administration supervisor** using this APPHON chemotherapy/biotherapy administration clinical competency checklist. A Registered Nurse (RN) who will administer **vesicants peripherally must have an additional initial supervision**.

**** Competent chemotherapy administration supervisor:**

- a RN who has completed the APPHON Pediatric Chemotherapy Biotherapy Provider course,
- **and** has demonstrated current clinical and knowledge competency based on the APPHON/ROHPPA Pediatric Chemotherapy Administration Standards and Competencies for Practice and Education,
- **and** has at least 2 years of chemotherapy administration experience.

Competency Criteria	Date verified	Evaluating Supervisor
Assessment of patient prior to administration		
Ensures a recent history and physical has been completed by physician/NP prior to initiating therapy (as required by protocol and or change in status).		
Completes current nursing patient assessment prior to administration and reports any new or concerning findings.		
Confirms results of required blood work, tests, and imaging . Ensures physician(s) are aware of results.		
Assesses past history of side effects including hypersensitivities and allergy profile , as well as their management.		
Providing Patient/Caregiver Education		
Assesses the patient/caregiver knowledge of agents(s), expected side effects, and required pre/post administration care and body fluid precautions.	Date verified	Evaluating Supervisor
Provides education , if gaps in pertinent knowledge identified. Use APPHON/ROHPPA drug information sheets as applicable.		
Educates the patient/caregiver in prevention/early recognition and management of side effects .		
Identifies need for psychosocial care and identifies when to involve psychosocial professional to enhance coping during administration procedures.		
Documents knowledge assessment and interventions.		
Pre-administration considerations		
Verifies consent for treatment.	Date verified	Evaluating Supervisor
Coordinates administration time with pharmacy .		
Verify the following (independently double checked):		
<ul style="list-style-type: none"> • Right patient/protocol/cycle/day • Treatment roadmap with physician order set • Investigations/test complete and reviewed by physician • Current height/weight/BSA • Right drug/dose/route/volume/rate/administration sequence • Expiry date of prepared agent • Compatibility/IV set-up/ solution 		

Pre-administration considerations cont'd	Date verified	Evaluating Supervisor
Provides interventions to ensure patient is physiologically ready (meeting pre-administration criteria).		
Is prepared for acute hypersensitivity reactions.		
Patient is pre medicated as required (i.e. anti-emetics, antihistamines).		
Assesses for CVAD blood return and line/insertion site integrity or PIV site integrity. Alert to extravasation prevention and management.		
Aware of procedure if chemotherapy spill occurs and location of <i>chemo spill kit</i> .		
Aware of procedure if accidental exposure occurs.		
Documents assessments and interventions.		
Chemotherapy/Biotherapy Administration	Date verified	Evaluating Supervisor
Wears and disposes of PPE appropriately when handling chemotherapy/biotherapy and body fluids.		
Verifies patient ID at the bedside (2 unique identifiers).		
Verifies IV pump settings on the IV pump.		
Administers chemotherapy/biotherapy as per orders and institutional policy: <ul style="list-style-type: none"> • compatible IV set-up • over appropriate time • delivers flush safely 		
Aware of potential drug specific acute side effects during infusion and monitors for same. Aware of potential interventions required.		
Posts cytotoxic signage in patient room to ensure other team members are made aware of cytotoxic exposure risk.		
A. Chemotherapy/Biotherapy Administration details		
Drug _____ Route _____ Date _____		
Drug _____ Route _____ Date _____		
Drug _____ Route _____ Date _____		

B. Peripheral IV Vesicant Administration Details		
Drug_____ Date_____		
Understands the additional risks, prevention, and potential management of extravasation with PIV administration.		
Documents on the Medication Administration Record and roadmap		
Post Administration of Chemotherapy/Biotherapy Care	Date verified	Evaluating Supervisor
Demonstrates ongoing assessment for post and delayed side effects/reactions		
Reports pertinent findings to physician and other team members in a timely manner		
Administer supportive/rescue medications and provide interventions to minimize side effects		
Provides ongoing education of patients/families of likely and potential side effects/prevention and management		
Ensures patient/family is aware of future treatment/symptom management plan.		
Ensures family is aware of future follow-up and treatment plans.		
Reports pertinent information to oncoming RN's about the therapy administration, tolerance and supportive care plan.		
Communicates relevant information with other health professionals involved in the care of this patient: <ul style="list-style-type: none"> • completes permanent documentation of agent administration and supportive care (labs, history and physical, nursing assessment) • faxes/files required documentation to shared care partners 		