

Please note that clinical key documents are not designed to be printed, but to be viewed on-line. This is to ensure that the correct and most up to date version is being used. If, in exceptional circumstances, you need to print a copy, please note that the information will only be valid for 24 hours

Staff Competencies
Second checker for paediatric chemotherapy administration – Children’s Clinic

Key Document code:	WAHT-TP-083	
Key Documents Owner:	Dana Picken	Matron, Paediatrics
Approved by:	Paediatric Quality Improvement meeting	
Date of Approval:	9 th February 2024	
Date of review:	9 th February 2027	
This is the most current version and should be used until a revised document is in place		

Key Amendments

Date	Amendment	Approved by
October 2020	<ul style="list-style-type: none"> Tresiba/Degludec the long acting insulin of choice for CYP ≥ 2 years of age Starting total daily dose of insulin 0.75 units/kg/day for CYP ≥ 2 years of age in severe DKA 	Dr J West
26 th March 2021	Document reviewed and approved for 3 years	Paediatric Guideline Review meeting
9 th February 2024	Document reapproved with no amendments	Paediatric QIM

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Performance Criteria	Description of Evidence Required	Level of Achievement / Grade	Date	Signature of Assessor and Registered Nurse
<u>Theoretical Knowledge</u>				
List the 5 rights of medication administration				
Identify the right protocol for; <ul style="list-style-type: none"> • Acute Lymphoblastic Leukaemia patient • Solid tumour patient 				
Identify information from Principle Treatment Centre consent/registration forms)				
Identify Lab parameters pre chemotherapy <ul style="list-style-type: none"> • Absolute Neutrophil Count • Platelet count 				
Identify re chemo assessment requirements (toxicities associated with chemo)				
Identify and calculate correct doses of following commonly used medications/chemotherapy agents; <ul style="list-style-type: none"> • Mercaptopurine • Methotrexate • Dexamethasone 				

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<ul style="list-style-type: none"> • Pegaspargase • Vincristine • Etoposide • Cyclophosphamide • Carboplatin • Doxorubicin • Cotrimoxazole • Others: 				
Calculate Body Surface Area of 5 patients 1 / 2 / 3 / 4 / 5				
Check weight from previous admission to ensure no significant weight loss or gain and state the significance of this.				
Check for any dose modifications on chemo prescription				
State the checks required between chemotherapy agent against the prescription Name/DOB/NHS #/ Trial #/Expiry date				
Identify protocol dose toxicity modifications <ul style="list-style-type: none"> • ALL patient • Solid tumour patient 				
Demonstrate safety checks <ul style="list-style-type: none"> • Bed side (o2 and suction) • Anaphylaxis kit available • Wrist band • Allergy status • CVL patent • Rate of IV Infusion set correctly 				
State who can prescribe chemotherapy within the Trust				

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Types of Evidence

Evidence Code	Description of Evidence
O/P	Practical demonstration observed by appropriately trained member of staff.
T	Testimony provided by other healthcare professionals regarding competency statement.
Q	Question and answer session between appropriately trained member of staff and healthcare professional.
D	Discussion between appropriately trained member of staff and health care professional.
W	Written evidence. For example reflective diary, care plans etc.
W/P	Practical demonstration supported by written work to ensure the knowledge base to support the practical ability.

Level of Achievement

Each competency has a level of achievement box next to it. This is to show each individual's assessment and measurement of competency in practice. Ideally individuals should be achieving Level 6.

Grade	Level of Achievement
0	Requires training to perform this task competently and at a satisfactory level to work in the clinical environment.
1	Can perform this task under constant supervision and with some assistance.
2	Can perform this task satisfactorily, but requires some supervision and assistance.
3	Can perform this task satisfactorily without supervision or assistance.
4	Can perform this task satisfactorily without supervision or assistance, with more speed than expected and to a high standard.
5	Can perform this task satisfactorily without supervision or assistance, with more speed than expected and to a high standard. Shows initiative and adaptability to problem situations.

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6	Can perform this task satisfactorily without supervision or assistance, with more speed than expected and to a high standard. Shows initiative and adaptability, and can lead others in performing this task.
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Adapted from DACUM level of Achievement (Fearon 1998).