

Coversheet for Network Site Specific Group Agreed Documentation

Document Title	Birmingham City University Faculty of Health Module Study Guide Practical Paediatric Oncology Programme: Cytotoxic Therapy and use of Clinical Trials & National Treatment guidelines
Document Date	July 2010
Consultation Process	Consultation was by the West Midlands Children's Cancer Network Co-ordinating Group
Review Date	July 2013
Chair of Children's Cancer Network	Gail Fortes-Mayer
Date Agreed by Chair of Children's Cancer Network	05 August 2010



Birmingham City University

Faculty of Health

Module Study Guide

Practical Paediatric Oncology Programme:
Cytotoxic Therapy and use of Clinical Trials &
National Treatment guidelines

Academic Year 2010

Module Co-ordinator: Julia Bottle

Welcome to the Cytotoxic Therapy and use of Clinical Trials & National Treatment guidelines module, which is based at Birmingham Children's Hospital. This module will equip you with the knowledge and skills to safely, effectively and efficiently administer chemotherapy to children & adolescents within the context of Clinical Trials and National Treatment Guidelines. Students will have the opportunity to augment a range of core nursing skills, underpinning physiology and psychology and their application to healthcare practice, which will contribute to your development as a clinical practitioner delivering evidence based care.

We hope that you find the information in this Study Guide helpful as you plan your learning journey. To gain the most out of the learning opportunities please let us hear from you if there is something that you believe would help you with your learning. We hope that you enjoy the learning opportunities provided for you in this module and that the outcome is successful.

Module Study Guide Template

Title of Programme: Practical Paediatric Oncology Programme BSc Hons Dimensions in health care		Programme Code: GC0195 GC0H95
Title of Module: Practical Paediatric Oncology Programme: Cytotoxic Therapy and use of Clinical Trials & National Treatment guidelines		Module Code: GM6437
Length of Module: 150 hours which consists of e-learning, clinical practice, self directed study, relevant reading and use of Moodle		Academic Level of Module: 6
Core / Optional Module: Optional module		Academic Credits: 15
Hours of Study:		
Study or learning activity	Hours	
E- learning	35	
Tutorial support	4	
Clinical practice Self directed learning, Relevant reading, Moodle	111	
Total 150		
Module Co-ordinator: Name: Julia Bottle Birmingham Children's Hospital Julia.bottle@bch.nhs.uk		Teaching Team: Name: Education Team Birmingham Children's Hospital Office telephone number: 0121 333 8689
Module content:		
Week & Date	E-Learning	
1	Cytotoxic therapy and side effects – physiology, common cytotoxic agents, nursing care/education, supportive therapies	
2	Legal and professional Issues – Consent, impact of diagnosis	

3	Safety issues when administering cytotoxic therapy	
4	Clinical trials & National Treatment Guidelines	
5	Solid tumour and haematological trial protocols Paediatric leukaemia trials – Acute Lymphoblastic Leukaemia, Acute Myeloid Leukaemia, Relapse and Refractory Disease	
<p>Monitoring of Students' Engagement in Timetabled Learning Experiences: An initial student register will be circulated but attendance will not be mandatory Students will be asked to give informal feedback during their engagement with e learning and whilst on clinical practice.</p>		
<p>Learning and Teaching Strategies: A blended learning approach is taken in accord with the university's learning and teaching strategy. A partnership approach is taken with the clinical practice area in identifying learning outcomes and specialist lecturer provision. On-line engagement (E-learning) which includes pre reading, workbooks and quizzes Clinical practice & experiential learning Reflection on practice</p>		
<p>Aims of the Module: To equip paediatric nurses with the knowledge and skills to safely, effectively and efficiently administer chemotherapy to children & adolescents within the context of Clinical Trials and National Treatment Guidelines.</p>		
Learning Outcomes:		How Assessed in this Module?
<ol style="list-style-type: none"> 1. Critically analyse the role of the paediatric nurse in the administration of cytotoxic chemotherapy 2. Critically analyse the physiological and psychological effects of cytotoxic therapy 3. Reflect on the safe administration of cytotoxic chemotherapy to the child and young person 4. Critically analyse the political, professional and socio-economic factors influencing treatment planning 5. Demonstrate under supervision safe effective and proficient clinical skills by the completion of the relevant competencies document 		<p>Summative assessment Competencies and assignment</p>

Mode(s) of Assessment:

Assessment of this module will be in two parts:

1. Successful completion of the relevant competencies in the Practical Paediatric Oncology Programme: Cytotoxic therapy and use of Clinical Trials and national Treatment guidelines competency document pass/fail LO 3 LO5
2. A 2000 word essay LO1 LO2 LO4

All versions of the Standard Assessment Regulations can be viewed on the University's internet site at: <http://www.bcu.ac.uk/jaws> To access them click on "**Shortcuts to Key Documents**" which appears in the upper left-hand side of the JAWS Home Page.

The version of the regulations you need to access will be clearly signposted

Assessment Brief:

Critically examine the factors that influence the organisation of paediatric chemotherapy services.

Assignment structure

Include your chosen essay title on front page

Introduction

Clearly identify the factors (political/professional/socioeconomic) which will be the focus of your assignment and the rationale for your choice. (2000 words)

Main Body

Review the current literature and critically discuss how this has impacted on local and national service

Analysis of your role and its impact on the issue chosen

Highlight strengths and weaknesses identifying potential development(s)

Conclusion

Summary of main points

Identify own learning or how to take practice forward

Essential minimum content

Analysis and application of relevant literature
Integration of theory and practice

'I certify that this is my own work and confidentiality has been maintained by the use of pseudonyms'.

*If a patient's/client's name or that of a member of staff is included in any part of your work including appendices (if they are not available to the general public), **you will fail**. The work will be deemed a 'technical fail' and will receive a mark of 1% only. Success in the resubmitted work will be subject to capping, as for any resubmission. See the full policy in your student handbook for further guidance.*

Submission Date 15TH November 2010

Assessment Level 6

Student Support:

See list of student support services page

Academic/tutorial support Gwyneth Morgan 0121 331 7115 gwyneth.morgan@bcu.ac.uk

The Faculty of Health Student Website www.health.bcu.ac.uk/students is a useful source of information including referencing and library guides and the lecturer's whereabouts.

Students may wish to access academic support from the University's Professional Development Centre 0121 331 7011.

Referencing and assignment guidelines are also available from the Module Moodle site www.moodle.bcu.ac.uk

Student resources

ADVANCED LIFE SUPPORT GROUP (2005) Advanced Paediatric Life Support (Fourth Edition) Edited by Mackway-Jones, K, Molyneux, E, Phillips, B and Weiteska, S. BMJ Books. Blackwell

ALLWOOD, M ET EL (2002) The Cytotoxic Handbook (4th ed) Radcliffe : Oxford

BAGGOT, R.B et al. (2002) Nursing Care of Children and Adolescents with Cancer (3rd Edition) W.B Saunders Company: Philadelphia

BARTON BURKE, M., WILKES, G. M., BERG, D., BEAN, C., INGEWERSEN, K. (2001) Cancer Chemotherapy: A Nursing Process Approach Jones and Bartlett. Boston / London.

BRIGHTON, D WOOD, M (2006) The Royal Marsden Hospital Handbook of Cancer Chemotherapy. Churchill Livingstone

CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH (2002) London Stationary Office. (111)

DANCER SJ (ED) ET AL (2007) epic2: National Evidence-Based Guidelines for Preventing Healthcare-Associated Infections in NHS Hospitals in England *Journal of Hospital Infection Special Edition*

DEPARTMENT OF HEALTH (2009) Chemotherapy services in England: Ensuring quality and Safety NCAT London

DEPARTMENT OF HEALTH (2009) Manual for cancer services: Childrens Cancer measures

DEPARTMENT OF HEALTH (2003) Updated National Guidance on the Safe Administration of Intrathecal Chemotherapy HMSO: London

DEPARTMENT OF HEALTH (2004) Standards for Better Health HMSO: London

DICKINSON, H. (2005) The Causes of Childhood Leukaemia. *British Medical Journal* 330:1279-1280 (4th June)

DIMOND, B. (2008) Legal Aspects of Nursing. 5th Edition Pearson Education Ltd

DOUGHERTY, L & LAMB, J (1999) Intravenous Therapy in Nursing Practice Churchill Livingstone

- FRIEDMAN ROSS, LAINIE (2002) Children, Families and Health Care Decision Making Clarendon Press Oxford
- GABRIEL, J.A (2007) The Biology of Cancer: The Application of Biology to Cancer Nursing Whurr
- GHAYE, T, LILLEYMAN, S. (2000) Reflection: Principles of Practice for Health Care Professionals. Quay Books: Wiltshire
- GIBSON, F, SOANES, L, SEPION, B. (2004) Perspectives in Paediatric Oncology Nursing. Whurr: London
- GIBSON, F. & EVANS, M. (1999) Paediatric Oncology: Acute Nursing Care Whurr Publishers London
- GIBSON, F. SOANES, L. (2008) Cancer in Children and Young People. Wiley
- HAWKINS, J. (2009) Supportive care: managing febrile neutropenia *Paediatric Nursing.* Volume 21, Number 4, pp 33-37.
- JOHNS, C. (2000) Becoming a Reflective Practitioner Blackwell Publishing: Oxford
- KEEN, N HOBBIE, RUCCIONE K (2007) Childhood Cancer Survivors (2nd Edition)
- KELLY, D, GIBSON, F (2008) Cancer Care for Adolescents and Young Adults. Blackwell
- KLINE, R.M. (2006) Pediatric Hematopoietic Stem Cell Transplantation. Informa Healthcare. New York
- KOOCHER, G.P., O'MALLEY, J.E (1987) The Damocles Syndrome, Psychosocial Consequences of Surviving Childhood Cancer McGraw Hill : London
- LANGTON, H. (EDITOR) (2000) The Child with Cancer: Family Centred Care in Practice Bailliere Tindall Edinburg London New York St Louis Sydney Toronto
- LILLYMAN, J. S. (2000) Childhood Leukaemia: the facts. (2nd ed). University Press : Oxford
- MALLET J. & DOUGHERTY, L. (2000) Manual of Clinical Nursing Procedures: The Royal Marsden (5th Edition) Blackwell Science Oxon (UK) Malden (US) Winnipeg (Can) Carlton (Austral)
- MCCLELLAND, D. B. L. (2001) (Editor) Handbook of Transfusion Medicine (3rd Edition) Blood Transfusion Services of the United Kingdom The Stationery Office London
- MURPHY M. F. & PAMPILON, D. H. (2005) (Editors) Practical Transfusion Medicine Blackwell Science Ltd. Oxon (UK) Carlton (Austral)
- NATIONAL INSTITUTE OF CLINICAL EXCELLENCE (2005) Improving Outcomes in Children and Young People with Cancer –The Manual N.I.C.E.
- PINKERTON, C. R. CUSHING, P. AND SEPION, B. (1994) Childhood Cancer Management. A practical handbook. Chapman and Hall Medical London.
- Pinkerton, C.R. & Plowman, P, (1997) Paediatric Oncology. Clinical Practice and

Controversies. (2nd Edition) Chapman and Hall. London.

PINKERTON, C.R. (2004) Paediatric Oncology (3rd Edition) Arnold: London

PINKERTON, R. SHANKAR, A AND MATTHAY, K (2007) Evidence Based Paediatric Oncology (2nd Edition). Blackwell

PRATT, W. B, RUDDON, R. W, ENSMINGER, W. D. & MAYBAUM, J (1994) The Anticancer Drugs (2nd Edition) Oxford University Press New York Oxford

RCPH (2003) Medicines for Children Royal College of Paediatrics & Child Health (2nd Edition) Hobbs Publishers Southampton

ROYAL COLLEGE OF NURSING (2000) A Framework for Developing Practice in Paediatric Oncology Nursing. RCN: London

ROYAL COLLEGE OF NURSING (2005) Core Curriculum for the Education and Assessment of Health Care Professionals in the Safe Administration of Chemotherapy to Children. RCN: London,

ROYAL COLLEGE OF NURSING (2010) Standards for Infusion Therapy RCN London

STILLER, C, QUINN, M., ROWAN, S (2004) Childhood Cancer In: Office for National Statistics. The Health of Children and Young People. HMSO: London

TOFT, B. (2001) External Enquiry into the adverse incident which took place at Queen's Medical Centre, Nottingham. Department of Health. Crown Copyright

TOMLINSON, D & KLINE, N.E. (2005) Paediatric Oncology Nursing. Advanced Clinical Handbook. Springer: Berlin

TRIGG, E, MOHAMMED, T.A (2006) Practices in Children's Nursing Guidelines for Hospital and Community (2ND Edition) Churchill Livingstone

UKCCSG, (2002) Quest for Cure: UK Children's Cancer Study Group – The first 25 years Ablett, S. (Editor) Trident Communications Publication

VOUTE, P.A ET AL (2005) Cancer in Children. Clinical Management (5th edition) University Press: Oxford

WALLACE, H. GREEN, D. (2004) Late Effects of Childhood Cancer. Arnold

WEINSTEIN, S (2007) Plumer's Principles and Practice of Intravenous Therapy (8th Edition) Lippincott

WEST MIDLANDS PAEDIATRIC PALLIATIVE CARE TEAM (2005) Palliative Care for the Child with Malignancy. Quay : London

Useful Web Sites

www.apon.org
www.cancerbacup.org
www.CancerNursing.org
www.cclq.org.uk
www.Cure4Kids.org
www.doh.gov.uk/cancer
www.dh.gov.uk/en/Healthcare/NationalServiceFrameworks/Cancer/index.htm
www.info.cancerresearchuk.org
www.ich.org/LOB/media/MEDIA482pdf
www.nice.org.uk
www.rcn.org.uk
www.siop.nl/index
www.ukccsg.org/

Can this Module's Assessment(s) be Marked Anonymously?

NO

Submission Date:

15th November 2010

Method of Submission:

Work should be produced on single A4 paper. A margin of 2.5cm should be left on the left-hand side of the page. Work should be neat, clearly legible with all pages numbered and double-spaced.

Typed or word-processed scripts are appreciated.
Separate pages **must not** be placed in individual plastic coverings.

Assignments submitted must be the student's **own** work. A programme work record sheet (date stamped and receipt retained) **must be** submitted with the text.

All reference to other work must be acknowledged. The Harvard - style of referencing is the preferred system.
<http://www.health.bcu.ac.uk/students/referencing.htm>

A copy of all work submitted must be retained by the student.

Appendices should not form more than 10% of the total length of the script.

Students should state wordage used at the end of the assignment.
No hard covers or folders are to be used.

Assignments must be enclosed in an A4 polythene wallet, secured with a treasury tag or a string with the Programme work record sheet on the top.

Enclosures with assignments

- 1) Any extension authority sheet if appropriate
- 2) Small stamped addressed envelope

(A stamped self-addressed envelope(s) should be provided by the end of the programme, large enough for the return of assignment work. Work will not be kept once it has been processed through the programme board. It is the student's responsibility to ensure it is collected.)

Assignments Handing in Procedure

Local Students

Your completed assignment should be handed in to Julia Bottle, Heather Petts, Rosa Hooks or Jeanette Hawkins at Ward 15 Birmingham Children's Hospital, Steelhouse Lane, Birmingham B4 6NH.

Outlined below are the procedures to be followed: -

- The student completes an Assessment Submission and Feedback form. (Obtain from Julia Bottle)
- Julia Bottle/Heather Petts/Jeanette Hawkins or Rosa Hooks will record the date and time on the Assessment submission form when the assignment is handed to them.
- The bottom copy is kept as a receipt and the remainder are attached to the assignment for the tutors.
- An electronic feedback sheet will be completed by the tutor and returned to the student either in the SAE or from the Department office.

Students Posting Assignments

- The student completes an Assessment Submission and Feedback form.
- The assignment and Feedback form are sent to: -

Julia Bottle
Ward 15
Birmingham Children's Hospital
Steelhouse Lane
Birmingham
B4 6NH

Please inform Julia Bottle by phone or e-mail to confirm that your assignment has been sent. Julia will then confirm that she has received the assignment.

Additional guidelines

1. Attention to accurate use of English grammar, punctuation and spelling is encouraged.

2. If you find that any of your examinations are scheduled during a major religious festival which you observe, and you regard this as a problem, please talk to your Programme Director.

Marking Criteria:

Student handbook Dimension in health care

www.health.bcu.ac.uk/students/coursehandbooks

Method and Date of Providing Feedback:

Following marking and internal moderation, written feedback and a provisional mark will be given within 20 working days following the submission date (as per student charter). A copy of the feedback sheet can be collected from the school office after the 20 day rule is up, or it will be returned to the student if a stamped self-addressed envelope is included with the assignment or if the student specifically requests it the feedback sheet can be emailed to them.

Please note that the provisional mark needs to be ratified by the External Examiner and the Examination Board before being finalised.

Assignments will only be returned after the Examination Board and if a stamped self-addressed envelope is included with the assignment. Otherwise it can be collected from the school office once the Examination Board has confirmed the grade. After 6 months, assignments not collected may be destroyed. Assignments may need to be kept for a longer period if required for quality review inspections.

Re-Submission Date:**Exemptions from the Standard University Assessment Regulations:**

None

Assessment Offences:

By submitting this work, you are confirming that you have read and understood the University's guidance on plagiarism and cheating; that the assessment is the result of your own work (or, in the case of a group submission, it is the result of joint work undertaken by members of the group you represent); that it contains no unreferenced material from another source; and that confidentiality has been maintained by the use of pseudonyms.

Study Resources:

Academic/tutorial support Gwyneth Morgan 0121 331 7115 gwyneth.morgan@bcu.ac.uk

Professional Body Approval:

None

Date the Module was Originally Approved:

Changes to Original Module and Date(s) Approved:



MODULE FEEDBACK QUESTIONNAIRE

MODULE CODE:

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Please spend a few minutes completing this questionnaire. The results will be used to improve the quality of your module. For each of the statements below please use **blue or black ink** and mark with a **cross** the box which best indicates your view.

DATE:

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Module Title:				
Please estimate your attendance on this module: 0-49% <input type="checkbox"/> 50-74% <input type="checkbox"/> 75-100% <input type="checkbox"/>	Strongly Agree	Agree	Disagree	Strongly Disagree
1. The aims and objectives for the module were clearly explained	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. The assessment requirements were made clear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. The module programme was well structured.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. The assessment reflected the learning outcomes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. The module was sufficiently challenging	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. A variety of learning methods were used	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. The library resources for the module were satisfactory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. The module was enjoyable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. The module was relevant	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. The methods used have helped to facilitate my learning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. The module website was a useful resource	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. The classroom environment was conducive to learning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Module theory was relevant to practice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please explain any negative or positive responses to the questions overleaf

What did you like or dislike about this module?

How could this module be improved?

Any other comments?



Table of University and Faculty Support Services

	Telephone	Email (if available)
Accommodation Services	0121 331 5191/5192	accommodation@bcu.ac.uk
Advice Centre – Students’ Union	0121 331 6801	union.advice-centre@bcu.ac.uk
Careers Service (see Student Services below for telephone numbers)		careers@bcu.ac.uk
Chaplaincy		www.FAITH.bcu.ac.uk
Disability Services	0121 331 5588	disability@bcu.ac.uk
Health Centre – City North Campus	0121 331 7979	
International Advice Service	0121 331 7774	International.advice@bcu.ac.uk
Learner Development Unit	0121 331 5348/6552	ssdd@bcu.ac.uk
Library		
Enquiry Desk, Kenrick Library, City North Campus	0121 331 5289 or 6374	kenrick.library.enquiry.desk@bcu.ac.uk
Lending Services, Kenrick Library, City North Campus	0121 331 5282	LendingServices.KenrickLibrary@bcu.ac.uk
Lending Services 24 hour Renewals	0121 331 5278	
Voicemail service for students with disabilities	0121 331 6355	
Mary Seacole Library, Edgbaston Campus	0121 331 6012	mary.seacole@bcu.ac.uk
Birmingham Institute of Art and Design, Gosta Green	0121 331 5860	gosta.green.library@bcu.ac.uk
College of Art Library, Margaret Street	0121 331 5977	college.of.art.library@bcu.ac.uk
School of Jewellery Library, Vittoria Street	0121 331 6470	vittoria.street.library@bcu.ac.uk
Library, Bournville Centre for Visual Arts	0121 331 5756	bournville.library@bcu.ac.uk
Conservatoire Library	0121 331 5914	conservatoire.library@bcu.ac.uk

UCEEL (The Birmingham City University Digital Library)	0121 331 5286	
Medical Room – Edgbaston Campus	0121 331 6090/6091 (Closed Thursdays)	
Safety Officer	0121 331 5360	
Security Manager	0121 331 7696	
Student Finance	0121 331 6387	student.finance@bcu.ac.uk
Student Services		
City North Campus	0121 331 5588	student.services@bcu.ac.uk
Edgbaston Campus	0121 331 6112	
Students' Union		
Advice Centre	0121 331 6801	union.advice-centre@bcu.ac.uk
City North Campus	0121 331 6803	
Edgbaston Campus	0121 331 7070	
	Telephone	Email (if available)
Accommodation Services	0121 331 5191/5192	accommodation@bcu.ac.uk
Advice Centre – Students' Union	0121 331 6801	union.advice-centre@bcu.ac.uk
Careers Service (see Student Services below for telephone numbers)		careers@bcu.ac.uk
Chaplaincy		www.FAITH.bcu.ac.uk
Disability Services	0121 331 5588	disability@bcu.ac.uk
Health Centre – City North Campus	0121 331 7979	
International Advice Service	0121 331 7774	International.advice@bcu.ac.uk