

Module Specification

Module Summary Information

1	Module Title	The Individualised Care of Multiple Birth Families from Conception to 1 Year
2	Module Credits	20
3	Module Level	LEVEL 6
4	Module Code	LBR6581
5	Semester Taught	1

6	Module Overview
<p>Currently in the United Kingdom, multiple births make up approximately 3% of all births. Although the multiple maternity rate for England and Wales has decreased to 14.4 per 1000 births (ONS, 2022), the international picture demonstrates that the incidence of multiple births continues to rise with about 1.6 million sets of twins born each year (Monden et al, 2021). The increasing use of infertility treatments alongside advancements in the care and survival of premature infants, have been attributed to the visible and increasing representation of multiple births within society. As parents adjust to family life and caring for two or more babies, who may have also been born prematurely, they are faced with many social, emotional, practical and economic challenges. Pregnancy and the transition to parenthood are widely recognised as critical time periods that will influence longer term outcomes for infants and their families. Multiple birth families require health and social care practitioners who are both knowledgeable and able to effectively support them, in order to ensure that they receive the right level of care and support at the right time. To this end, this module will introduce you to the discrete and potentially complex bio-psycho-social needs of multiple birth families, from conception to 1 year of age.</p> <p>This module is aimed at health and social care practitioners whose roles bring them in to contact with multiple birth families and wish to gain further knowledge and skills in caring and supporting them.</p> <p>This e-learning module aligns with the Professional Practice Programme philosophy and is designed to be flexible and practice-led. You will have the opportunity to develop skills of enquiry, reflection and problem solving. You will be encouraged to think critically and share practice experiences with your fellow students, as well as engaging in both directed and self-directed learning activities. You will be an active partner in your own learning and development and in return you will receive regular feedback and feedforward aimed at developing your academic skills and have the opportunity to discuss your progress with the module team. We will also be drawing upon the experiences of parents of multiples and these perspectives will form an essential part of the module.</p>	

7	Indicative Content
<p>This section covers indicative subject matter only. This is not intended as a schedule of learning but as a list of indicative topics that will be taught / covered in the module.</p> <p>Introduction to multiple births: incidence of multiple births, causes and trends.</p> <p>Anatomy and physiology of a multiple pregnancy.</p> <p>Importance of zygosity & chorionicity knowledge.</p> <p>Complications during a multiple pregnancy</p> <p>There will be the opportunity to choose a specialist strand for two weeks according to your area of interest:</p>	

- Provision of care during pregnancy, birth and the postnatal period
- Care of multiple birth families on a neonatal unit.
- Supporting multiple birth families at home during the first year.

Bereavement

Triplets and higher order multiples

Current areas of research in the care of multiples and families.

Developing services that meet the needs of multiple birth families

8	Module Learning Outcomes: All outcomes are weighted equally.		
	On successful completion of the module, students will be able to:		
	1	Use academic skills, retrieve and apply appropriate evidence to demonstrate critical arguments required at level 6.	
	2	Critically analyse the factors that influence the growth and development of multiples.	
	3	Explore the role of the health and social care professional in meeting the specific needs of multiple birth families.	
	4	Critically explore the ethical, legal and professional issues in the care of multiple birth families.	

9	Module Assessment		
Learning Outcome Number <i>(from table 8)</i>	Coursework	Exam	In-Person
1, 2, 3, 4	100%		

10 Breakdown Learning and Teaching Activities		
Learning Activities	Hours	Details of Duration, Frequency and other comments
Scheduled Learning (SL) includes lectures, practical classes and workshops as specified in timetable	N/A	This is an online, asynchronous module with no scheduled teaching
Directed Learning (DL) includes placements, work-based learning, peer group learning external visits, on-line activity, Graduate+, peer learning, as directed on VLE	75	10 weeks of asynchronous, on-line content equating to 7.5 hours of study per week. Consisting of pre-recorded lectures / reading activities / quizzes / engagement with discussion forums Online induction
Private Study (PS) includes preparation for exams	125	<u>These timings are approximate, and the frequency will be dictated by the student.</u> Academic skills development (20 hrs); Literature searching and reading (45 hrs) Note taking (40 hrs) Preparing and writing summative assessment (19 hrs) Tutorial (1 hr)
Total Study Hours:	200	

11 Key Texts and Online Learning Resources	
<p>Draper, ES., Gallimore, ID., Kurinczuk, JJ. and Kenyon S (Eds.) on behalf of MBRRACE-UK. (2021) MBRRACE-UK 2019 Perinatal Confidential Enquiry: Stillbirths and neonatal deaths in twin pregnancies. [pdf] The Infant Mortality and Morbidity Studies, Department of Health Sciences, University of Leicester: Leicester. Available at: MBRRACE-UK Twin Pregnancies Confidential Enquiry.pdf (ox.ac.uk)</p> <p>El-Toukhy, T., Bhattacharya, S. and Akande, V.A. on behalf of the Royal College of Obstetricians and Gynaecologists (2018) Multiple pregnancies following assisted conception. Scientific Impact Paper no. 22. <i>British Journal of Obstetrics and Gynaecology</i>. Available at: DOI:10.1111/1471-0528.14974</p> <p>HFEA (2019) Multiple births in fertility treatment 2019. Available at: https://www.hfea.gov.uk/about-us/publications/research-and-data/multiple-births-in-fertility-treatment-2019/#notes-on-multiple-births-in-fertility-treatment-2019</p> <p>Khalil, A. Liu, B. (2021) Controversies in the management of twin pregnancy. <i>Ultrasound in Obstetrics and Gynecology</i>, 57, pp.888–902. Available at: DOI: 10.1002/uog.22181</p>	

Monden, C., Pison, G. and Smits, J. (2021) Twin Peaks: more twinning in humans than ever before. *Human Reproduction*, 36 (6). Available at:
<https://academic.oup.com/humrep/article/36/6/1666/6168658>

National Institute for Health and Social Care Excellence (NICE) (2019) NICE Guideline [NG137] *Twin and triplet pregnancy*. Available at: <https://www.nice.org.uk/guidance/ng137>

Elizabeth Bryan Multiple Births Centre: multiple.births@bcu.ac.uk

HFEA: <https://www.hfea.gov.uk/>

Multiple Births Foundation: <https://www.multiplebirths.org.uk/>

Twins Trust: <https://twinstrust.org/>