Diabetes Care: Theoretical and Practical Aspects - 7KNIM710

Level: 7
Credits: 30

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This handbook must be read in conjunction with module information provided on KEATS, the King’s E-Learning And Teaching Service. You will be given access to KEATS on enrolment. Important information relating to assessment and related regulations can be found in the Postgraduate Programme Handbook, available on KEATS and via the Student Services Centre.

This handbook can also be provided in alternative formats (such as large print) upon request to asc@kcl.ac.uk.
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Module overview

Module aim
The aim of the module is to equip practitioners with a critical understanding of diabetes and its management, reflecting current best practice guidelines.

Learning outcomes
- To establish a basis of professional knowledge that is based on the best available evidence.
- To examine, analyse and evaluate core concepts in diabetes care.
- To share clinical experiences and to gain insight into issues arising from caring in a variety of environments.
- To demonstrate a critical understanding of the changes in health and social policy that impact on care delivery and to consider one’s own role within this.

Teaching arrangements

Level 6 & 7 are taught together.

The module is supported by independent web based learning which is integrated with face-to-face sessions. This means that you can access a broad range of learning materials via the computer, accessible either within the college or at home. These materials are organized within the module structure so that you can study independently or in tandem with the taught elements of the module. Thus you can study flexibly with only around 30% of the learning taking place in the classroom. You can also access your learning throughout the programme of learning with online quizzes and exercises. In essence the web structure guides you through each stage to support you in achieving your learning objectives.
Submitting coursework

Assessment criteria
All parts of the assessment must be completed and submitted by the date(s) below. Failure to submit assignments or attend examinations will result in a fail grade being awarded. Part of the course materials are delivered via e-learning and there is an expectation that all components be accessed by the end of the module. This will be monitored by the module leader.

Formative assessment
Opportunities for the student to assess their progress will be provided throughout the course. As the student completes each component of the course they will be able to check their understanding by undertaking the end of component assessment quiz. These quizzes will consist of multiple choice questions and clinical scenarios.

Summative assessment
A portfolio of work equivalent to 3,000 words containing a formative assessment of 1,000 words based on two referenced case studies and a 2,000 word practice based assignment essay that refers back to the case studies. The assignment essay will be the assessed work forming 100% of the final graded mark.

Students will be provided with a portfolio template containing the assignment details and a structure for the case studies.
Coursework submission are provided on the modules KEATS site. It is essential that you use your candidate number on all assignments/examinations. Your candidate number, which will begin with X for the academic year 2016/17, will be available via Student Records on the King’s Intranet approximately one month after you enrol.

If you are unable to submit your work by the deadline please refer to the information in your programme handbook on “mitigating circumstances”. If you require further support in these circumstances you are advised to contact KCLSU.

**Submission date for coursework: Tuesday 10 January 2017**

Late submissions will be accepted for 24 hours following the submission date. All work submitted late will be marked as normal but will be capped at the pass mark for the module. If your assignment is a hard copy please ensure you date stamp it and submit it to the submission room G15 James Clerk Maxwell Building. If your assignment is submitted electronically through TurnItIn, information about how to submit late will be provided on KEATS module sites under assessment information. Please label the file with your candidate number and double-check you have submitted the correct file.

The external examiner for this module is Joan McDowell. Students are not to make direct contact with external examiners, in particular regarding their individual performance in assessments.

The College and its Examination Boards in the ten Faculties (Institutes/Schools, King’s Learning Institute and the Association of King’s College (AKC), work with over 500 external examiners to ensure the quality and standard of our taught awards. Find the latest report on the External Examiners Report page, navigate to the Faculty of Nursing and Midwifery section.

**Results and resubmissions for coursework**

Students will receive a provisional (unratified) mark for their coursework 4 weeks following submission. According to the method of submission as detailed on your KEATS site, if your work was submitted online you will be able to download marked coursework from KEATS; alternatively, if you completed a hard copy submission you can collect your coursework and feedback from the Student Services Centre.

To collect a hard copy assignment, you must provide your candidate number. Alternatively, you may send a stamped addressed envelope to the Student Services Centre ensuring that this is large enough to accommodate your assignments and that you have applied sufficient postage. Hard copy assignments will be retained for four weeks; if you have not collected your assignment by then, it will be destroyed.

Feedback will include the award of a numerical grade which remains provisional until ratified by the examination boards. The dates for the examination boards are available on KEATS. Ratified marks can be viewed via Student Records on the King’s Intranet, the Monday following the relevant examination board.

The marking criteria by which your work is judged are provided in full in your programme handbook. Please also refer to the section in your programme handbook on plagiarism and how to avoid it. If you have a query about how to refer to a specific piece of work please ask your module leader, your group leader or a member of library staff for guidance or please use King’s Libguides site.
The feedback you receive on your assignment will guide you towards how to do better next time or how to maintain your existing high standard!

If you do not understand your mark or the feedback you receive please contact Jakki Berry.

If you are unsuccessful, it is recommended that you contact the module leader before submitting your second attempt. This will enable the module leader to provide you with an appropriate level of support as you prepare to resubmit your work.
Learning resources

Session 1 – Component 1: The Nature of Diabetes
By the end of this component students will be able to:
• Understand the physiological and psychosocial mechanisms involved in diabetes

Session 2 – Component 2: Pre-diagnosis & Diagnosis
By the end of this component students will be able to:
• Explore the epidemiology and aetiology of diabetes
• Critically debate issues related to prevention & screening
• Understand the diagnostic criteria and the ethical implications of this diagnosis

Session 3 – Component 3: Assessment & target setting
By the end of this component students will be able to:
• Have a critical awareness of the principles of diabetes assessment
• Demonstrate an understanding of the annual review
• Develop an awareness of the skills necessary to care for the acutely ill person with diabetes

Session 4 – Component 4: Care & Treatment Options
By the end of this component students will be able to:
• Critically evaluate the range of care & treatment options for diabetes
• Consider barriers to these treatments
Module evaluation
At the end of the module you are requested to complete the short online evaluation which will be available on your module KEATS site. Student evaluations are very important to us and are required by Health Education England and the regional London Local Education and Training Boards.

Action from previous evaluations
Session on pregnancy
**Timetable**

Module leader Jakki Berry (JB) and core support Dr Henrietta Mulnier (HM) and Prof Angus Forbes (AF)

Some sessions during this module will be taught as core sessions and attended by the students from the Diabetes in Primary Care Module as well as the Diabetes Care: Theoretical and Practical Aspect Module.

**Content of timetable subject to change**

### Day 1

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Session</th>
<th>Room</th>
<th>Facilitator</th>
</tr>
</thead>
<tbody>
<tr>
<td>29 September 2016</td>
<td>10.00-10.30</td>
<td>Welcome &amp; Introduction to the module</td>
<td>JCMB B17</td>
<td>JB</td>
</tr>
<tr>
<td></td>
<td>10.30-12.00</td>
<td>Understanding Diabetes: aetiology pathophysiology, definition &amp; classification</td>
<td>HM</td>
<td></td>
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<tr>
<td></td>
<td>12.15-13.30</td>
<td>Understanding Diabetes: aetiology pathophysiology, definition &amp; classification</td>
<td>FWB 4.63</td>
<td>HM</td>
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<tr>
<td></td>
<td>14:30-15:45</td>
<td>Group work – case scenarios and diagnosis diabetes.</td>
<td>FWB 1.60</td>
<td>JB</td>
</tr>
<tr>
<td></td>
<td>16.00-16.30</td>
<td>Introduction to KEATS and course assignment details</td>
<td></td>
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</tbody>
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## Day 2
### Complications in Diabetes

<table>
<thead>
<tr>
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<th>Time</th>
<th>Session</th>
<th>Room</th>
<th>Facilitator</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 October 2016</td>
<td>10.00-12.00</td>
<td>Chronic complications in diabetes</td>
<td>JCMB B17</td>
<td>Dr Stephen Thomas, Consultant Diabetologist</td>
</tr>
<tr>
<td></td>
<td>13.00-15:00</td>
<td>Acute complications in secondary care</td>
<td>FWB 2.81</td>
<td>JB</td>
</tr>
<tr>
<td></td>
<td>15.30-16:30</td>
<td>Case scenarios relevant to practice – acute and chronic complications</td>
<td>FWB G80</td>
<td>JB</td>
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</table>

## Day 3
### Treatment of diabetes
#### Pharmacological and non-pharmacological therapy in diabetes

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<th>Facilitator</th>
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<tbody>
<tr>
<td>27 October 2016</td>
<td>10.00-12.00</td>
<td>Pharmacological treatment in diabetes and NICE guidance</td>
<td>JCMB B17</td>
<td>Anna Hodgkinson</td>
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<tr>
<td></td>
<td>13.00-14:00</td>
<td>Introduction to insulin therapy and insulin safety in secondary care</td>
<td>FWB 2.81</td>
<td>JB</td>
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<tr>
<td></td>
<td>14.00-15:00</td>
<td>Non-Pharmacological treatments</td>
<td>FWB 2.81</td>
<td>TBC</td>
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<tr>
<td></td>
<td>15.30-16:30</td>
<td>Non-Pharmacological treatments Structured Education</td>
<td>FWB 1.60</td>
<td>JB</td>
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</tbody>
</table>
### Day 4
**Achieving targets, living with diabetes and promoting self-management**

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<thead>
<tr>
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<th>Session</th>
<th>Room</th>
<th>Facilitator</th>
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<tbody>
<tr>
<td><strong>17 November 2016</strong></td>
<td>10.00-11.00</td>
<td>Psychological aspects in diabetes</td>
<td>JCM B17</td>
<td>TBC</td>
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<tr>
<td></td>
<td>11:00-12:00</td>
<td>Living with diabetes – the journey of self-management</td>
<td></td>
<td>Service User</td>
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<tr>
<td></td>
<td>13.00-15.00</td>
<td>Assignment presentations to include one or more case study where relevant. A 5 minute presentation with 5 minute discussion and feedback</td>
<td>FWB 2.81</td>
<td>JB</td>
</tr>
<tr>
<td></td>
<td>15.30-16:30</td>
<td>Presentations continued</td>
<td>WBW G/8</td>
<td>JB</td>
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### Day Five

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<th>Facilitator</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>8 December 2016</strong></td>
<td>10:00-11:30</td>
<td>Issues in clinical practice</td>
<td>FWB1.65</td>
<td>JB</td>
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<tr>
<td></td>
<td>11.30-12.30</td>
<td>Diabetes in Pregnancy</td>
<td>TBC</td>
<td>JB</td>
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**Location key:**
- WBW — Waterloo Bridge Wing
- FWB — Franklin Wilkins Building
- JCM — James Clark Maxwell Building