Selected Topics in Medicine

MEDC 308.16
YEAR 3
Selective Clinical Rotations – Course Overview

COURSE DESCRIPTION

This course consists of topics selected to address the general knowledge base required for completing clinical rotations and to ensure students attain a broad basis of learning that will help them as physicians, whatever their chosen career path. Sessions will also contribute to preparation for the Medical Council of Canada Qualifying Examination Part I (MCCQE-I).

Attendance for all components of this course are mandatory and students are excused from all clinical duties to attend these sessions.

This course is held every Tuesday from 0800-1100 and consists of case-based lectures and student led presentations where two students are paired with a faculty advisor and given a topic to present. These presentations are graded by the faculty advisor.

In addition to this there are two assessment weeks that are a part of this course. The assessment weeks are scheduled from February 12-16, 2018 and June 25-29, 2018. The assessment weeks consist of lectures, small group sessions and simulation sessions covering a variety of topics. Both of the year 3 OSCEs are also held during the assessment weeks.

Completion of this course will contribute to attaining elements of the overall undergraduate program objectives.

OVERALL COURSE OBJECTIVES

By completion of this course:

1. Describe the pathology, clinical characteristics and appropriate management of important diseases/disorders. (Medical Expert)
2. Develop a differential diagnosis of important diseases/disorders through clinical reasoning. (Medical Expert)
3. Identify important components of normal and abnormal human development through childhood, adolescence, adulthood and aging. (Medical Expert)
4. Describe health strategies for individuals throughout their life cycle using evidence-informed principles of surveillance, screening and management. (Medical Expert)
5. Identify factors important to the care and advocacy of vulnerable individuals and populations. (Medical Expert, Health Advocate)
6. Select and interpret important investigations as they relate to a differential diagnosis. (Medical Expert)
7. Recognize the impact of nutrition in the health of individuals and the impact on clinical care. (Medical Expert)
8. Recognize the impact of integrative medicine in the care of individual and population health. (Medical Expert)
9. Identify important components of end of life conversations and palliative care management strategies. (Medical Expert)
10. Review the approach to choosing and interpretation of a variety of imaging modalities. (Medical Expert)
11. Describe current ethical and legal principles. (Professional)
12. Demonstrate self-directed learning, including critical research appraisal strategies. (*Scholar*)

13. Demonstrate knowledge and skills as they relate to clinical care.

   (*Medical Expert, Communicator, Collaborator, Health Advocate, Professional*)

14. Communicate medical knowledge to other health care providers. (*Medical Expert, Collaborator, Communicator, Scholar, Professional*)

15. Participate in career development. (*Leader*)

16. Identify strategies to promote personal wellness. (*Professional*)

17. Demonstrate professionalism. (*Professional*)

**SELECTED TOPICS IN MEDICINE SESSION OBJECTIVES:**

Specific topic objectives are available through One45 and were developed in reference to Medical Council of Canada Objectives: [http://apps.mcc.ca/Objectives_Online/objectives.pl?lang=english&loc=contents](http://apps.mcc.ca/Objectives_Online/objectives.pl?lang=english&loc=contents)

The University of Saskatchewan Learning Charter is intended to define aspirations about the learning experience that the University aims to provide, and the roles to be played in realizing these aspirations by students, instructors and the institution. A copy of the Learning Charter can be found at: [www.usask.ca/university_secretary/LearningCharter.pdf](http://www.usask.ca/university_secretary/LearningCharter.pdf)

**COURSE CONTACTS**

Course Director: Dr. Ashley Selvig – medicineselectedtopics@gmail.com, call through switchboard

Career Development: Stephanie Marshall – stephanie.marshall@usask.ca, (306) 966-6473

Student Wellness: Dr. Bindu Nair – bindu.nair@usask.ca

   Edith Conacher – edith.conacher@usask.ca, (306) 966-4751

Administrative Coordinators

   Saskatoon Site: Carolyn Blushke – carolyn.blushke@usask.ca, (306) 966-7693  fax (306) 966-2601

   Regina Site: Holly Doell – holly.doell@rqhealth.ca, (306) 766-4890  fax (306) 766-4833

   Prince Albert Site: Nicole Toutant – nicole.toutant@usask.ca, (306) 765-6787  fax (306) 765-6783

Administrative Assistants

   Saskatoon Site: Jessica Hicke – jessica.hicke@usask.ca, (306) 966-8828  fax (306) 966-2601

   Regina Site: Jeanette Bellavance – jeanne.bellavance@rqhealth.ca, (306) 766-0558  fax (306) 766-0538

Website: [http://medicine.usask.ca/index.php](http://medicine.usask.ca/index.php)
COURSE SCHEDULE
This course is regularly scheduled on every Tuesday morning (8:00-11:00) and the sessions are coordinated across all three sites through video conferencing. Additional sessions in career development, wellness, radiology, simulation and interactive small groups will occur during Assessment Weeks in February and June. See One45 for the complete schedule.

COURSE DELIVERY
Students will learn selected topics (see list) through a variety of methods including:

- Interactive case-based seminars
- Interactive small group learning sessions
- Simulation exercises
- Student led presentations
- Independent self-directed reading and exercises - Reading around cases presented in the course is expected

Sessions for 2017/2018 will include (objectives are available in One45)

Pediatrics:
- Hypotonic Infant
- Neonatal Distress
- Abdominal Pain Children
- SIDS/ALTE
- Urinary Incontinence, Enuresis
- Newborn Assessment
- Developmental Delay
- Abnormal Stature
- Language and Speech Disorder
- Prematurity
- Ear Pain
- Pediatric Constipation
- Strabismus
- IUGR
- Adolescent Medicine: Sexual Maturation, Abnormal Pubertal Development, Puberty, Amenorrhea
- Child Abuse
- Weight Loss, Eating Disorders, Anorexia

Family Medicine:
- Non-Articular MSK Pain, Generalized Pain Disorders, Back Pain
- Dysuria, Urinary Frequency and Urgency or Pyuria
- Mouth Problems
- Adult and Elder Abuse/Intimate Partner Violence
- Allergic Reactions/Atopy
- Sore Throat and Rhinorrhea
- Fatigue
- Adults with Developmental Disabilities
• Periodic Health Exam, Sexually Concerned Patient
• Immigrant/Refugee Health
• Immunizations-1
• Immunizations-2
• Sleep-Wake Disorders
• Smell/Taste Dysfunction
• Aboriginal Health 1
• Aboriginal Health 2
• Fever in the Returning Traveler/Tropical Related Infections
• Nutritional Deficiencies
• Integrative Medicine

Internal Medicine:
• Serum Lipids, Abnormal
• Fever in the Immune Compromised Host, Recurrent Fever, Fever of Unknown Origin, Line-Associated Infection
• Hypertension
• Potassium Disorders
• Sodium Disorders
• Acid/Base Disorders
• Sepsis
• Glucose Abnormalities
• Diabetes Management 1
• Diabetes Management 2
• Immunodeficiency- Primary and Acquired
• The Dying patient/Palliative care
• Meningitis/Encephalitis
• Acute Diarrhea
• Adult Constipation
• Edema, Anasarca
• Valvulopathies/Abnormal Heart Sounds
• Palpitations
• HIV/AIDS
• Oligoarthritis/Polyarthritis
• Polyuria/Polydipsia
• Chronic Kidney Injury
• WBC Abnormalities
• Proteinuria

Neurology:
• Hemiplegia/Hemisensory Loss
• Dizziness/Vertigo
• Central/Peripheral Neuropathic Pain
• Diplopia
Surgery:
- Breast Disorders: Breast Lump, Breast Cancer Screening, Breast Discharge
- Gynecomastia
- Lump, Mass (MSK)
- Hernia- Abdominal Wall and Groin
- Chronic Abdominal Pain
- Adult Fecal Incontinence
- Trauma
- Hand or Wrist Injuries
- Vascular Injury
- Scrotal Pain
- Nerve Injury
- Chest Injury
- Abdominal Injury
- Head Trauma/Brain Death
- Transplant

Emergency Medicine:
- The Poisoned Patient
- Hypotension, Shock
- Headache, Adult
- Hyperthermia
- Hypothermia
- Approach to Chest Pain
- Exposure to Blood Born Pathogen/Body Fluid
- Red Eye
- Acute Pain Management
- Substance Withdrawal
- Drowning

Psychiatry:
- Non-Substance Addictive Disorders

Obstetrics/Gynecology:
- Prolapse, Pelvic Floor Relaxation
- Adult Urinary Incontinence

Community Health and Epidemiology:
- Health Economics 1
- Health Economics 2
- Canadian Health System Laws and Legislation
- Occupational Medicine
- Clinical Decision Making/ Researching Clinical Questions/ CME
- Choosing Wisely
- Legal, Ethical and Organizational Aspects of Medicine- Consent, Truth Telling, Negligence, Conflict of Interest, Confidentiality, Capacity
Radiology:
- Chest Radiology
- Abdominal/Pelvic Radiology
- Spine Radiology
- Musculoskeletal Radiology
- Brain Radiology
- Lines, Tubes and Devices

Career Development and Wellness:
- Presentation Skills
- Building Resilience
- Fostering Professional Behavior
- Substance Impairment and Health Professionals
- Financial Literacy
- Choosing your Electives
- The Changing Landscape of Postgraduate Medical Education
- The CaRMS Application Process
- Career Paths

Additional Topics may be offered as required.

**COURSE MATERIAL ACCESS**

Course materials, including the syllabus, sessions, objectives, forms, and all other documents are posted on One45.

**RECOMMENDED RESOURCES**

Students are recommended to have their laptop or smart phone available for lectures to participate in cases and quizzes.

A general medical text should be consulted for reference in reading around Selected Topic in Medicine sessions. Optional resources include:


**COURSE ASSESSMENT OVERVIEW**

1. Periodic Assessments (Pop quizzes) 30%
2. Oral Presentation 20%
3. Topic Summary document 10%
4. Reflective Essays 20%
5. Simulation/Small Group Weeks 20% (2 x 10% each week for reflection =20% of final grade).

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<thead>
<tr>
<th>Assessment Type</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Periodic Assessments (Pop Quizzes)</td>
<td>30%</td>
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<tr>
<td>Oral Presentation</td>
<td>20%</td>
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<td>Topic Summary Document</td>
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**ASSESSMENTS/ASSIGMENTS**

Students are responsible for and may be assessed on all material covered in the course, regardless of absences. Students who miss periodic assessments via an unapproved absence will receive a mark of zero and will not be offered supplemental assessment. In the event of a missed periodic assessment for an approved absence or exceptional unforeseen circumstances, the mark for the assessment will be omitted from the final periodic assessment mark total.

**UNDERGRADUATE MEDICAL EDUCATION ASSIGNMENT SUBMISSION POLICY**

Any assignment submitted after 23:59 SK time on the specified date is deemed late (unless otherwise specified).

All due dates or timelines for assignment submission are published in the student course syllabus[1].

A late assignment may still be submitted up to three consecutive calendar days (72 hours) from the original deadline for that assessment. The assignment must be submitted to the appropriate year Administrative Coordinator in Saskatoon, or the Educational Consultant in Regina for years 1-2. Years 3-4 must submit to the

[1] Blackboard routinely updates their systems on certain Wednesday evenings. In the event that Blackboard is down for scheduled maintenance or due to technical difficulties, assignments are to be submitted by 0900 the following morning.
Rotation Coordinator. The student, if submitting a late assignment that is deemed to be at or above the pass mark for that assignment will receive the pass mark for the assignment. If it is assessed as below the pass mark, the student will receive the actual grade assigned for the assignment.

Any late assignments not submitted by 23:59 on the third day will receive a mark of 0%. After this period, all mandatory assignments must still be submitted, or the student will be deemed to be missing a course component, which will result in an incomplete course. Subsequent academic consequences will be determined at the promotions committee meetings.

In addition to the consequences specified herein, students submitting mandatory assignments late should anticipate a meeting to discuss professionalism, which may result in associated documentation.

**All requests for a deferral of an assignment due date must be received a minimum of 72 hours prior to the deadline.** All such requests must be sent to the Course Director or Rotation Coordinator and copied to the relevant Administrative Coordinator. The course director, in consultation with the year chair and appropriate course/module/rotation director will make a final decision and notify the student of the outcome. Exceptional, unforeseen circumstances will be considered on an individual basis as above.

**CITATION FORMAT**

Unless otherwise specified by the Course Director, the expected citation format is that of the International Committee of Medical Journal Editors (ICMJE). Examples of this citation format are available at [www.nlm.nih.gov/bsd/uniform_requirements.html](http://www.nlm.nih.gov/bsd/uniform_requirements.html)

**COURSE POLICY FOR SUCCESSFUL COMPLETION**

For successful course completion for the purposes of promotion, students are to obtain a cumulative mark of at least 70% in Selected Topics in Medicine.

Students are also expected to complete all assignments within the course (with the exception of the pop quizzes).

**COURSE POLICY FOR REMEDIATION AND COURSE FAILURE**

If a student fails to achieve a mark of 70% in Selected Topics in Medicine a maximum of one remediation attempt and supplemental assessment will be provided. Failure of the remediation-supplemental assessment will result in a course failure.

Students who are eligible for remediation will be required to meet with the Course Director and/or Year Chair to identify areas of weakness and develop a structured remediation and learning plan, and complete a supplemental assessment. After the final examination period, the implications for failing to successfully complete course components will be adjudicated at the Year 3 Promotions Committee and a final decision to grant remediation-supplemental work will be determined by the Student Academic Management Committee.

Students who have been deemed to fail the course will receive a “FAIL” on their transcript.
ATTENDANCE EXPECTATIONS

The College of Medicine recognizes that students have a need to attend to appointments, medical or otherwise, as well as attend to other daily living activities. Students may apply for an approved absence up to 3 times per year from Selected Topics in Medicine to allow for this. However, the student is still responsible for the material covered in the missed sessions, and any missed periodic assessments (pop quizzes) will be omitted from the final periodic assessment mark total.

Please fill out the Clerkship Application for Absence from Selected Topics in Medicine. 

Unapproved absences will be treated seriously and considered unprofessional conduct. These absences may be reflected in the final grade of the course, and may constitute grounds for failure of the course, even if the composite grade for other aspects of the evaluation exceeds the passing grade. Failure to abide by these regulations without appropriate prior approval or notice after the fact for emergent absences may be deemed as a breach of professionalism as outlined in M.D. Program, College of Medicine, University of Saskatchewan Breach of Professionalism Policy & Procedures.

See the POLICIES page for MD Program Clerkship Attendance and Absence Policy. 
http://medicine.usask.ca/students/undergraduate/policies.php

RECORDING OF THE LECTURES

Lectures for which the presenter has agreed to be recorded will be recorded and posted to the course Blackboard site under Course Materials, and in One45. The lecture recordings are not intended to be a replacement for attending the session but to enhance understanding of the concepts.

COPYRIGHT

Students are expected to respect the University of Saskatchewan Copyright Policy outlined at www.usask.ca/copyright/
The following information is extremely important for your success in medical school. To avoid duplication and ensure clarity, please refer to the UGME Policies page and the Student Information Guide and Clerkship Information Guide for the following policies:

**UGME CONTACT INFORMATION**

**MD PROGRAM ATTENDANCE POLICY**

**ETHICS AND PROFESSIONALISM**

**ACCOMMODATION OF STUDENTS WITH DISABILITIES**

**OFFICE OF STUDENT AFFAIRS**

**STUDENT MISTREATMENT**

**EMAIL COMMUNICATIONS**

**GUIDELINES FOR PROVIDING FEEDBACK**

**PROGRAM EVALUATIONS**

**PROCEDURES FOR ACADEMIC APPEAL**

Where a specific College of Medicine policy or procedure does not exist, the College refers to the U of S Academic Courses Policy at [http://policies.usask.ca/policies/academic-affairs/academic-courses.php](http://policies.usask.ca/policies/academic-affairs/academic-courses.php)

**INTEGRITY DEFINED (FROM THE OFFICE OF THE UNIVERSITY SECRETARY)**

The University of Saskatchewan is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect. Students are particularly urged to familiarize themselves with the provisions of the Student Conduct & Appeals section of the University Secretary Website and avoid any behavior that could potentially result in suspicions of cheating, plagiarism, misrepresentation of facts and/or participation in an offence. Academic dishonesty is a serious offence and can result in suspension or expulsion from the University.


For more information on what academic integrity means for students see the Student Conduct & Appeals section of the University Secretary Website at: [www.usask.ca/secretariat/student-conduct-appeals/forms/IntegrityDefined.pdf](http://www.usask.ca/secretariat/student-conduct-appeals/forms/IntegrityDefined.pdf)

**DISABILITY SERVICES FOR STUDENTS (DSS)**

Students who have disabilities (learning, medical, physical, or mental health) are strongly encouraged to register with Disability Services for Students (DSS) if they have not already done so. Students who suspect they may have disabilities should contact the Student Affairs Coordinator at the Office of Student Affairs (OSA) for advice and referrals. In order to access DSS programs and supports, students must follow DSS policy and procedures. For more information [students.usask.ca/health/centres/disability-services-for-students.php](http://students.usask.ca/health/centres/disability-services-for-students.php) or
contact DSS at 966-7273 or dss@usask.ca.

STUDENT SUPPORTS

COLLEGE OF MEDICINE, OFFICE OF STUDENT AFFAIRS

Student Affairs offers confidential support and advocacy at arm’s length from the academic offices. For more information, please contact the COM Student Affairs Coordinator, Edith Conacher at edith.conacher@usask.ca or 306-966-4751. In Regina please contact Dr. Nicole Fahlman at nicole.fahlman@usask.ca - (306) 209-0142 or Dr. Tiann O’Carroll at tiann.ocarroll@usask.ca - (306) 529-0777. In Prince Albert Dr. Dale Ardell can be reached through Nicole Toutant: nicole.toutant@usask.ca or (306)765-6787.

STUDENT LEARNING SERVICES

Student Learning Services (SLS) offers assistance to U of S undergrad and graduate students. For information on specific services, please see the SLS web site www.usask.ca/ulc/.

STUDENT AND ENROLMENT SERVICES DIVISION

The Student and Enrolment Services Division (SESD) focuses on providing developmental and support services and programs to students and the university community. For more information, see the SESD web site www.usask.ca/sesd/

As we gather here today, we acknowledge we are on Treaty Six Territory and the Homeland of the Métis. We pay our respect to the First Nation and Métis ancestors of this place and reaffirm our relationship with one another. We recognize that in the course of your studies you will spend time learning in other traditional territories and Métis homelands. We wish you safe, productive and respectful encounters in these places.