

UWS Grand Rounds 2020

Course Syllabus

Instructor Information

Instructors

William Moreau DC DACBSP
Beverly Harger DC DACBR
Lori Holt RN-BC

Email

bmoreau@uws.edu
BHarger@uws.edu
lholt@ncmic.com

Course Descriptions

UWS Grand Rounds 2020

This interactive seminar utilizes a Grand Rounds format providing interactive sessions in the evaluation, diagnosis and treatment of our patients. Furthermore, this seminar encourages active participation of our attendees through hands-on workshops in examination techniques and small group interactions to develop management protocols. Integration of a live gross anatomy demonstration gives a unique learning experience for attendees as well. These educational Grand Rounds will:

- Encourage active participation of attendees to develop psychomotor skills related to the orthopedic and neurologic focused examination;
- Provide evidence guided updates in diagnosis and treatment of the chiropractic patient;
- Enhance learning experience through case-based presentations incorporating the historical, examination and radiologic evaluation;
- Promote discussion of evidence guided chiropractic management of patients with selected conditions;
- Inform learners regarding the management of patients with cardiac conditions;
- Address common errors related to doctor patient communications.

Cardiac Emergencies Description

During this lecture, attendees will review cardiac risk factors to assess their patients for possible early coronary disease. The lecture includes the signs and symptoms of an acute myocardial infarction. Bringing attention to how the signs and symptoms of different patient groups can experience unique symptoms. Review of different cardiac arrhythmias/dysrhythmias are discussed, including the signs and symptoms of those arrhythmias. The lecture will review office treatment plans for the patients experiencing these cardiac emergencies.

Radiological Case Studies in Chiropractic: A Regional Approach (online)

This three (3) hour distance-based course is designed for the Doctor of Chiropractic to investigate a regional approach to radiographic interpretation of the cervical, thoracic and lumbar spine. The overall goal of this course is to provide learners with a basic level of understanding of the principles and applications of spinal diagnostic imaging through case study presentations. This course will focus on patient conditions encountered in the chiropractic practice. Unknown quiz cases will give the learner the ability to test their knowledge and a follow-up review of each quiz case will be provided. For each condition presented there will be a review of the patient's clinical presentation, the clinician's role in imaging decision making, ways to improve interpretation skills and a discussion of the key management issues.

Learner Outcomes

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- Improve examination procedures.
- Increase knowledge in establishing most likely diagnosis and in developing key differentials.

- Improve patient management protocols.
- Identify the role of radiographic imaging in patient cares.
- Increase knowledge base related to methodologies of radiographic analysis.
- Identify the characteristics of the patient who presents with complaints of cardiac origin.
- Develop skills related to risk management related to patient and doctor communications.

Cardiac Emergencies Learner Outcomes

- Improve their assessment of patients for early coronary risk factors.
- Recognize the signs and symptoms of an acute myocardial infarction in all patient groups
- Improve their skills in assessing patients for cardiac arrhythmias/dysrhythmias including recognizing the signs and symptoms of those arrhythmias.
- Increase their knowledge on developing a protocol to administer help to the patient experiencing a cardiac emergency in an office setting.

Radiological Case Studies in Chiropractic: A Regional Approach

- Reinforce the learner’s understanding of x- ray interpretation of the three primary spinal regions.
- Gain additional insight into how diagnostic imaging fits into patient care.
- Understand the importance of communication, professionalism, and teamwork between clinicians and radiologists relating to patient management.
- Encourage correlation of diagnostic images with previously learned normal and pathologic anatomy and pathophysiology to increase the learner’s understanding and recognition of common processes and pathology available from diagnostic images.
- **Learner Outcome Assessment:** There are five learner outcome multiple choice assessment for each hour of the course including radiographic interpretation of patient images.

Schedule

Hour	Time	Topic	Presenter	Day
1	8 am	Case presentation and clinical considerations for the ankle.	Moreau	Friday
2	9 am	Imaging and interpretation of ankle pathology	Harger	Friday
3	10 am	Case presentation and clinical considerations for the knee.	Moreau	Friday
4	11 am	Imaging and interpretation of knee pathology.	Harger	Friday
5	12 pm	Case presentation and clinical considerations for the hip.	Moreau	Friday
6	1 pm	Imaging correlative anatomy (gross anatomy).	Harger	Friday
7	2 pm	Imaging and interpretation of hip.	Harger	Friday
8	8 am	Case presentation and clinical considerations for the lumbar spine patient with discopathy	Moreau	Saturday
9	9 am	Case presentation and clinical considerations for the lumbar spine patient with spinal stenosis.	Moreau	Saturday
10	10 am	Imaging and interpretation of the patient with discopathy/spinal stenosis.	Harger	Saturday
11	11 am	Case presentation and clinical considerations for the patient with segmental instability.	Moreau	Saturday
12	12 pm	Imaging and interpretation of spinal hypermobility.	Harger	Saturday

13	1 pm	Case presentation and clinical considerations for the patient with thorax.	Moreau	Saturday
14	8 am	Risk Factors of Early Coronary Disease Signs and Symptoms of An Acute Myocardial Infarction in all patient groups	Holt	Sunday
15	9 am	Signs and Symptoms of Cardiac Arrhythmias/Dysrhythmias Treatment plans for office patients experiencing cardiac emergencies	Holt	Sunday
16	10 am	The importance of excellent communication with patients and staff. Verbal and Non-Verbal Cues	Holt	Sunday
17	11 am	Barriers that affect communication skills to improve communication with patients and office staff	Holt	Sunday
18	Online	Radiological case studies of the cervical spine.	Harger	Online
19	Online	Radiological case studies of the thoracic spine.	Harger	Online
20	Online	Radiological case studies of the lumbar spine.	Harger	Online

Additional Information and Selected Course

Cardiac Emergencies

1. American Red Cross – www.redcross.org
2. American Heart Association – www.heart.org
3. American Diabetic Association – www.diabetes.org
4. Nursing Center – www.nursingcenter.com
5. Maxson J. Remediating dyslipidemia NCEP-ATP III strategies to slow CVD. Clin Rev. 2002;12(10):53-60
6. Women's Health – <http://womenshealth.gov/our-publications/fact-sheet/heart-disease.cfm>
7. Centers for Disease Control and Prevention – www.cdc.gov
8. Business Dictionary -<http://www.businessdictionary.com/definition/communication.html#ixzz435x9TBFH>
9. <http://www.merriam-webster.com/thesaurus/risky>
10. <https://catalyst.ngm.org> – What Is Patient-Centered Care? January 1, 2017
11. <https://journals.lww.com> – Fostering Therapeutic Nurse-Patient Relationships. Pullen, Richard L. Jr. EdD RN; Mathias, Tabatha MSN, RN – May-June 2010 – Volume 8 Issue 3 page 4
12. www.mindtools.com – How Good Are Your Communication Skills? Speaking, Listening, Writing, and Reading Effectively. By the Mind Tools Content Team
13. Advantages and Disadvantages for Nurses of Using Social Media – Journal of Primary Health Care and General Practice – Jianlei Hao and Bingbing Gao – www.scientonline.org