

National College of Natural Medicine
COURSE INFORMATION FOR STUDENTS

Course Number/Quarter/Year	PHM 631, Spring 2015
Course Title	Minor Surgery II
Credits	2.5
Class Time and Location Room 226	Chamberlin: DeLapp: Kruschwitz:
Instructor (s)	Ryan Chamberlin, DO Daniel DeLapp, DC,ND,MSOM Dohn Kruschwitz, MD, ND
Faculty Office Hours	Chamberlin: by appointment only DeLapp: Kruschwitz:
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- Students are responsible for knowing and adhering to academic policies and procedures as outlined in the Student Handbook.
- Students are responsible for completing electronic assessments, which will be posted near the end of the quarter.

This syllabus contains information all students must read to understand the requirements of the course. Answers to most questions about the class can be found in this document.

1. Course Overview

Course Description: This course is a continuation of minor surgery I. In this course the student will use the information from minor surgery I and directly apply this to typical lesions and conditions that s/he, the future doctor, will encounter in her/his office setting. The student will learn how to deal with common lesions by a variety of methods, surgical and non-surgical. The students will also learn tissue handling methods to repair lacerations, excisions/incisions and other breaks in the skin as well as methods to reduce visibility of any resulting scar.

Prerequisites: Third year standing, CLS 510/520/530 and successful completion of PHM 621

2. Student Competencies from this Course

Communication Skills: This course will develop the student's ability to correctly diagnosis a selected group of skin conditions and be able to communicate that information as well as all information on treatment and follow-up to the patient and medical peers.

Critical Thinking: This course required the student to develop the ability to differentiate skin lesions and treatment options available for their treatment. The student will develop creative methods to repair skin incisions, excisions and lacerations.

Professional Behavior: This course develops professional behavior in dealing with patients with skin conditions and medical professionals.

Naturopathic Philosophy: This course emphasizes current medical identification and treatment of skin lesions as well as speaking to the naturopathic approach of “do no harm” and “doctor as teacher” with regard to treatment of skin lesions.

3. Assessments

Written midterm, case paper, practical suturing final exam, and non-cumulative written final exam. Participation in class is highly desirable.

4. Course Outcomes

At the end of this course, the student will be able to:

- Demonstrate competency in recognizing common lesions presented by patients to her/his office
- Demonstrate competency in treating common lesions in the most appropriate surgical and/or non-surgical method available
- Demonstrate competency in creatively handling skin tissue for closure and repair

5. Organization and Requirements

The course will meet in one 3 session per week for lecture, discussion, surgery and suturing practice. Attendance is required for 80% of the lectures. Making up a missed class can usually be done in a different section that week with the prior approval of all class instructors. **If a student misses more than two classes the instructor will clarify with the student what he or she needs to do to account for the missed class time in order to be able to pass the class.** Completed case papers are due week 10 for in-class presentation (singly or in groups of 3-4) and group discussion. There will be a practical suturing and written final week 11.

6. Instructional Philosophy

The teachers of this course believe that integration of the large amounts of material required to master minor surgery skills is the responsibility of the student. Learning is an active, not a passive role, and that students are responsible for learning. We are committed to presenting the large amount of material in a form that supports your role as learners. We strive to be fair, respectful and attentive to student needs, and will ask the same from the students.

7. Instructional Materials and Resources (texts or study aids)

Required Texts: none

Recommended Texts (some of these are available in the NCNM library):

Wounds and Lacerations, Fourth Edition, Trott, 2003

Minor Surgery, A Text and Atlas, John Brown, 2014

Surgery of the Skin, Robinson, et al, 2008.

8. Grading (Evaluation with Criteria for Passing and Honors)

- Completion and presentation of case paper (20 pts) passing, 75%
Each student may choose any subject of interest that relates to Minor Surgery (get approval from the professor for such topic) and prepare a 2-3 page paper describing the details of the topic, with at least 3 references and be prepared to give a 3 minute presentation to the class during the first hour of week 10. Two to three students may choose to share a topic and paper/presentation as a group.
- Practical suturing final (30 pts) passing, 75% or >
- Written midterm and final exam (50 pts) passing, 70% or >
- Passing grade 75% **overall** and = or greater than minimum scores.
- Honors: completion of case paper, passing practical final, 90% or better on overall written exams and completion of a surgical procedure including suturing on a live patient.
- No FR grades will be given for this class

9. Study Strategies and Participation Expectations

Study is critical to your success in this course. This is a new and complex topic and there are many new concepts and terms to understand. This is a course where all the information is needed to identify the condition, perform surgery successfully, minimize complications and have an excellent outcome. It will be necessary for you to understand the notes and lectures, not just memorize the information to be successful in this course. Coming to class, reading any assignments, and going over the material often will enhance your ability to succeed in this course.

Class participation is an important aspect of this course. Since this topic is broad and complex. Asking questions when unclear and bringing up cases is important in being successful.

10. General information

- a. **No food and drink is allowed in Minor Surgery Room 226 which is a Bio-hazard room.**
- b. **Required of you:**
 - Your attendance (be on time!) and full participation each week!
 - You to review the Power Point material and videos before class each week! (We will not be playing all of them during class!)
 - You to recruit potential patients (discuss and schedule with your instructor)
 - You to dispose of all pig's feet in the **gray general waste container only!**
- c. **Provided by NCNM:**
 - Pig's feet
 - Gloves
 - Protective Glasses
 - Masks as needed
 - Suture material and needles
 - Sharps containers for suture needles and scalpels

Class Schedule

Date	Topic	Instructor	Reading Assignment
Week 1	Electrosurgery and cryotherapy power points Hyfreccation and radiosurgery videos	Kruschwitz DeLapp Chamberlin	Review Power Point slides and view the imbedded and referenced videos
Week 2	Dermatological. Lesions, an overview Suture: Running Horizontal Mattress	Kruschwitz DeLapp Chamberlin	Review Power Point slides and view the imbedded and referenced videos
Week 3	Skin tags (acrochordons) , dermatofibroma, neurofibroma, nevi, seborrheic keratosis Suture: running subcuticular	Kruschwitz DeLapp Chamberlin	Review Power Point slides and view the imbedded and referenced videos
Week 4	CPT codes, warts, corns Suture: Dog ear repair	Kruschwitz DeLapp Chamberlin	Review Power Point slides and view the imbedded and referenced videos
Week 5	Ingrown toenail, paronychia, felon, epidermal inclusion cyst, sebaceous cyst, and lipoma Suture: Dog ear repair	Kruschwitz DeLapp Chamberlin	Review Power Point slides and view the imbedded and referenced videos
Week 6	Midterm exam – first 40 minutes Abscesses, furuncles and carbuncles; pilonidal cyst Oxygen inhalation therapy Suture: curve the ellipse	Kruschwitz DeLapp Chamberlin	Review Power Point slides and view the imbedded and referenced videos
Week 7	Basal cell carcinoma , actinic keratosis and squamous cell carcinoma Suture: Lazy S	Kruschwitz DeLapp Chamberlin	Review Power Point slides and view the imbedded and referenced videos
Week 8	Malignant melanoma Suture: Create Lacerations and repair them	Kruschwitz DeLapp Chamberlin	Review Power Point slides and view the imbedded and referenced videos
Week 9	Subungual hematoma, hypertrophied toenail and ganglion cyst Suturing practice: m-plasty (OPTIONAL)	Kruschwitz DeLapp Chamberlin	Review Power Point slides and view the imbedded and referenced videos
Week 10	Case paper presentations Suturing practice	Kruschwitz DeLapp Chamberlin	Review Power Point slides and view the imbedded and referenced videos Prepare your Case Paper and have it ready to present in class
Week 11	Practical final and written final	Kruschwitz DeLapp Chamberlin	
Week 12	NO CLASS!		