PHARM 411  MEDICAL DEVICES FOR HOME HEALTH CARE
SPRING QTR 2006  http://courses.washington.edu/pharm411/schedule.html

Location:  T-733 Health Sciences
Class hours:  Wed.: 1:30 – 4:30pm
Course Director:  Don Downing, R.Ph.; Art Zoloth, Pharm.D.
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Office:  Dept of Pharmacy: H-375P1

Course Information

The purpose of this course is to help students become familiar with medical devices used by consumers in home health care. Pharmacists and pharmacy students are frequently consulted about these products and are expected to have at least minimal expertise in their safe and appropriate use. Special emphasis will be placed on student understanding of the relationship between the patient’s medical condition, the medical device and the provision of pharmaceutical care.

Schedule:
March 29th:  Course introduction, presentation-group meetings and Q & A
April 5th:  Dan Neil P.T.; STAR Therapy; workgroup meetings
April 12th:  Dr. Tom Hazlet: medical device regulations; Downing: device billing
April 19th
- May 31st:  Group Presentations

Grading:
• Course grades will be determined by 3 Quizzes (30%) and participation in one Group Presentation / Handout (70%)
• Scores from the best two out of three quizzes will be used to calculate your quiz grade. Everyone must take the final quiz. No “make up” quizzes will be made available for those who are not present on quiz days.
• Quizzes will contain questions provided by faculty, presenters, handouts and class discussions
• A basic presentation grade will be assigned to the whole presenting group. An individual student presenter may be given up to a 0.5 grade point above or below the group’s grade depending on their individual presentation evaluation. (see presentation evaluation handout)
• There will be no final examination
• Quiz Dates:
  o April 26th:  Covering 4/12 – 4/19
  o May 17th:  Covering 4/26 – 5/10
  o May 31st:  Covering 5/17 – 5/31 (Last day of class)

Presentations:
♦ Students, in groups of 4-5, will develop medical device presentations with each group member providing at least 7-10 minutes of the presentation.
♦ Presentations will be limited to 45 minutes for each group
♦ At the beginning of each class, presenters will provide all other students with a 1-2 page handout (size 10 font minimum) illustrating key points needed for appropriate device usage
♦ Four multiple-choice questions (with answers indicated) concerning key points in your presentation are required to be submitted to the instructor, along with a copy of the presentation handout, prior to the beginning of your presentation. These questions may be used in the 3 course quizzes.
Medical Devices Presentation / Handout Guidelines:
Since this class provides a unique opportunity to provide students with “hands on” experience with medical devices, it will be critical to provide the class with products to look at, and if possible, to touch or operate. Presentations will be partially graded on the success of the presenters in involving the class and making medical devices accessible to fellow students.

It is expected, and indeed a central task of this course, that each group will locate and secure devices from community resources.

Handouts and presentations will be also graded as to your ability to provide the class with medical device information concerning:
♦ Comparisons to similar products
♦ Costs of products to patients and criteria for public or private insurance coverage
♦ Descriptions and demonstrations of how and why products are used
♦ Descriptions and demonstrations of how to use products safely and effectively
♦ Health risks associated with use of the product
♦ Descriptions of which medical condition(s) for which these products are appropriately used and who is mostly likely to need these devices
♦ Consumer / professional literature and internet information sources (include in handout)
♦ Risk of misleading information in the device’s sale and promotion. Do not make medical claims in your presentations that you can not support! Unsubstantiated claims will result in lower presentation scores.
♦ Describe how a patient’s request or need for these products might provide an opportunity for pharmaceutical care services (i.e., is a disease management intervention indicated?)
♦ Special emphasis should be placed on creating, via role-playing and other forms of demonstration, a potential patient-pharmacist encounter that demonstrates product use and design.
♦ A central task of this course is to locate and secure medical devices. Patients frequently find it difficult to find products they need and to receive proper instruction as to their appropriate use. Groups will be expected to briefly document their search experiences on their handouts and in their presentations in order to enlighten the class as to the ease or difficulty in acquiring devices and in receiving advice from providers.

Pharmacists and medical device businesses have been willing to loan medical devices for student presentations. Credit should be given in handouts and presentations to the people and businesses providing these devices for the class. Please provide the name and contact information for these resources on your handouts.

Web Resources related to medical devices:

- [http://www.fda.gov/medwatch/report/hcp.htm](http://www.fda.gov/medwatch/report/hcp.htm)  Mandatory device reporting
- [http://www.aafp.org/afp/981101ap/montauk.html](http://www.aafp.org/afp/981101ap/montauk.html) Home health and devices
4/19 Grp 1 Support Stockings
Chow, Ching Yeung
Doan, Thi Anh
Stutz, Jennifer Norris
Chang, Jocelyn Chiung-Chih

Grp 2 Aids to Daily Living
Bradley, Stephanie James
Assefa, Etsegenet Abate
Baek, Andrea Kyung
Mock, Anne Marie Mariko

Grp 3 Sports Medicine-I
Dinh, Jean Chinh
Mack, Jill Ranee'
Thorvsig, Patrick Andrew
Hoang, Vu Nguyen

4/26 Group 1 DME-I
Huang, Yuling Elaine
Melchior, Megan Jane
Nakamura, Kellie Reiko
Zou, Lydia Yi

Group 2 DME – II
Chwalek, Eric Edward
Ho, Lisa Maria
Mandin, Lisa Marie
Beto, Wendy Elise

5/3 Grp 1 Diabetes Equipment
Hojjati, Nazleila
Banjanin, Dora Maria
Monaco, Katharine Louise
Ghazanfarpour, Sareh

Grp 2 Contraceptive
Villanueva, Vivian Louise
Wyatt, Nicholas David
Kai, Kristen Elizabeth
Shvartsur, Olga Alekseyevna

Grp 3 Thermometers
Gleason, Bradley Jr
Valluzzi, Theresa Barbara
Sonnett, Patricia Thalia
Abbasi-Shaffer, Qamar-U-Nissa

5/10 Grp 1 Female Products
Choi, Eunjeong
Dermendjieva, Lubomira S
Fry, Shannon Michelle
Goto, Cherie Kimiko

5/10 (continued) Grp 2 Blood Pressure
Halver, Michelle Hess
Kingsley, Rebecca Michelle
Lor, Kevin Wai-Ming
Dubois, Louisa M

Grp 3 Urological
Even, Nicole Marie
Grinnen, Karen Lynn
Heilman, Melissa Lee
Ho, Joanna Pui Shui

5/17 Grp 1 Home Oxygen
Irons, Christi Ann
Lutz, Laura Ann
Ly, Son Thanh
McCaffrey, Margot Jeanne

Grp 2 Respiratory Care
Murray, Sarah Rebecca
Pham, Triana Thao
Ahmad, Asma M
Ramos, Luis Alberto

5/24 Grp 1 First Aid Products
Tran, Christina Viet
Lee, Stephen Quoc
Hewett, Yvonne G

Grp 2 Ostomy Care
Scheurer, Nicholas David
Wright, Julia Oline
Davis, Donna Rae
Komissarchik, Anna Lvovna

5/31 Grp 1 Home Testing
Liddell, Lesley Ann
Cox, Crystal Anne
Robbins, Adele Marie
To, Bych Le Nu

Grp 2 Vision Aids
Wu, Toby
Arnold, Amy Elizabeth
Navaja, Priscilla Grace
Wang, Melvin L
Rigor, Katrina Ann Friedlander