**COMPLETE CLINICAL SYLLABUS**

(Assignments are not final and Syllabus may be revised later in the Summer 2009 semester)

**\*Please purchase the MOST updated edition of ALL TEXTBOOKS\***

**THE UNIVERSITY OF TEXAS**

**AT ARLINGTON**

**SCHOOL OF**

**NURSING**

**N5418**

**ADVANCED HEALTH ASSESSMENT**

**And**

**DIAGNOSTIC REASONING**

**Summer 2009**

**Classroom: #220**

**Practice Labs 212/211/215**

The University of Texas at Arlington School of Nursing

**Graduate Program**

**N5418 Advanced Health Assessment and Diagnostic Reasoning**

**4 semester hours (2-3)**

# Summer 2009

**Select Fridays & Saturdays 9:00 a.m. – 5:00 p.m.**

**Pickard Hall Room 211/212/215/220**

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| **INSTRUCTORS:** | **Beth McClean, RN, MSN, FNP**  ***Lead Teacher***  Office#: 626 Pickard Hall  Office Hours: By Appointment  Office Phone: (817) 272-2776  Office Fax: (817 272-5006  E-mail: [mcclean@uta.edu](mailto:mcclean@uta.edu)  Website: <http://www.uta.edu/nursing/faculty/mcclean.php>  **Susan Carlson, PhD, RN, FNP, ANP**  ***Co-Lead Teacher***  Office #: Pickard Hall RM 626  Office Hours: By Appointment  Office Phone: (817) 272-2776  Office Fax: (817) 272-5006  E-mail: [scarlson@uta.edu](mailto:scarlson@uta.edu)  Website: <http://www.uta.edu/nursing/faculty/carlson.php> |
| **COURSE WEB SITE OR WORLD WIDE WEB SITE:** | <http://www.uta.edu/nursing> |
| **COURSE PREREQUISITES:** | NURS 5301and 5334 or concurrent enrollment. These items must be cleared with the Clinical Coordinator: Physical Assessment content within the last 3 years (upon admission) or approved Physical Assessment Continuing Education course; Drug Screen and Criminal Background Check 30 days prior to first day of class; Unencumbered Texas RN License Current CPR (Cardiopulmonary Resuscitation). |
| **REQUIRED TEXTBOOKS & MATERIALS:**  **\*Please Purchase the MOST updated edition of ALL TEXTBOOKS\*** | 1. Dains, J.E., Baumann, L.C., Scheibal, P. (2007). Advanced *Health Assessment and Clinical Diagnosis in Primary Care*. St. Louis: Mosby 3rd ed. **ISBN:** 9780323044288 2. Seidel, H.M., Ball, J.W., Dains, J.E., & Benedict,   G.W. (2006). *Mosby’s Physical Examination Hardback Textbook.*  *\*\*\*\*Most Recent edition and the unlock code for the online modules. This is available as a package or they can be purchased individually. You must have both.*   1. Medical Media Systems Website   **SUPPLEMENTARY TEXTBOOKS**   1. Baxter, Richard E. (2003). *Pocket Guide to Musculoskeletal Assessment*, 2nd ed. Saunders/Elsevier. **ISBN**: **9780721697796** 2. Erickson, B. (2003). *Heart Sounds & Murmurs: A Practical Guide with CD*. St. Louis: Mosby. **ISBN: 9780323020459.** 3. Fishbach, F. (2003). *A Manual of Laboratory & Diagnostic Tests*. 8th ed. Philadelphia: Lippincott Williams and Wilkins. **ISBN: 9780781771948** 4. Wilkins, R. L., Hudgkin, J. E., & Lopez, B. (1996). *Fund of Lung& Heart Sounds: A Practical Guide*. St. Louis: Mosby. **ISBN**: **9780323025287**. 5. Zimmerman, M. (1994). *Interview Guide For Evaluating DSM-IV Psychiatric Disorders and the Mental Status Examination*. East Greenwich: Psych Products Press. **ISBN: 9780963382139** |
| **COURSE DESCRIPTION:** | Apply theoretical foundations and clinical skills in comprehensive health assessment across the lifespan |
| **COURSE LEARNING**  **GOALS/OUTCOME OBJECTIVES:** | 1. Obtain comprehensive & problem-focused physical examination across the lifespan. (MPO 1) 2. Perform a comprehensive and problem-focused physical examination across the lifespan. (MPO 1) 3. Document findings from history and physical exam. (MPO 1) 4. Develop appropriate differential diagnoses. (MPO 1) 5. Differentiate among normal variations, normal and abnormal findings across the lifespan. (MPO 1, 3) 6. Incorporate socio/cultural beliefs, values and practices relevant to health into assessment. (MPO 1, 3) 7. Provide health promotion and disease prevention services based on age, developmental stage, family history and ethnicity. (MPO 1, 3) 8. Perform risk assessment of the patient including assessment of lifestyle and other risk factors. (MPO 1, 3) |
| **ATTENDANCE AND**  **DROP POLICY:** | * Regular class attendance and participation is expected of all students. * Students are responsible for all missed course info.   Graduate students who wish to change a schedule by either dropping or adding a course must first consult with their Graduate Advisor. Regulations pertaining to adding or dropping courses are described below. Adds and drops may be made through late registration either on the Web at MyMav or in person through the student’s academic department. Drops may occur until a point in time two-thirds of the way through the semester, session, or term. The last day to drop a course is listed in the Academic Calendar available at [http://www.uta.edu/uta/acadcal.](http://www.uta.edu/uta/acadcal)   1. A student may not add a course after the end of late registration. 2. A student dropping a graduate course after the Census Date but on or before the end of the 10th week of class may with the agreement of the instructor, receive a grade of W but only if passing the course with a C or better average. A grade of W will not be given if the student does not have at least a C average. In such instances, the student will receive a grade of F if he or she withdraws from the class. Students dropping a course must: (1) complete a Course Drop Form (available online <http://www.uta.edu/nursing/MSN/drop_resign_request.pdf> or MSN office rooms 605 or 606); (2) obtain faculty signature and current course grade; and (3) submit the form to MSN office rooms 605 or 606. 3. A student desiring to drop all courses in which he or she is enrolled is reminded that such action constitutes withdrawal (resignation) from the University. The student must indicate intention to withdraw and drop all courses by filing a resignation form in the Office of the Registrar or by: (1) Completing a resignation form (available online <http://www.uta.edu/nursing/MSN/drop_resign_request.pdf> or MSN office rooms 605 or 606; (2) obtaining faculty signature for each course enrolled and current course grade; (3) Filing the resignation form in the School of Nursing office room 606 or 606; and (4) Filing the resignation form in the Office of the Registrar in Davis Hall room 333. 4. In most cases, a student may not drop a graduate course or withdraw (resign) from the University after the 10th week of class. Under extreme circumstances, the Dean of Graduate Studies may consider a petition to withdraw (resign) from the University after the 10th week of class, but in no case may a graduate student selectively drop a course after the 10th week and remain enrolled in any other course. Students should use the special Petition to Withdraw for this purpose. See the section titled Withdrawal (Resignation) From the University for additional information concerning withdrawal.  Last Date to Drop or Withdraw: July 16, 2009 |
| **TENTATIVE LECTURE/TOPIC SCHEDULE (COURSE CONTENT):** | Interviewing and the Health History  Risk Factor Assessment  Advanced Health Assessment of the Life span  HEENT and Lymphatic Systems  Skin, Hair and Nails  Heart and Circulatory System  Chest and Lungs  Abdomen, Anus and Rectum  Musculoskeletal System  Neurological System  Female Reproductive System  Male Genitourinary System  Health Risk Appraisal and Screening Throughout the  Life span  Diagnostic Tools  Laboratory Values  Psychological Assessment - Life span  Nutritional Assessment - Life span  Spiritual Assessment  Growth and Development Across the Life span  Functional Assessment Across the Life span  Health Promotion and Disease Prevention |
| **SPECIFIC COURSE REQUIREMENTS:** | 1. Out of Class Clinical Assignments 2. Multiple Choice Examinations 3. Lab Practice/Check offs 4. Clinical Examinations 5. Web CT Content/Case studies/Post-test |
| **TEACHING METHODS/STRATEGIES:** | 1. Lecture-Discussion 2. Reading/Media Assignments 3. Demonstration 4. Practice Labs 5. Guest Lecturers 6. Examinations 7. Web CT Activities |
| **GRADE CALCULATION**  **(COURSE EVALUATION &**  **FINAL GRADING):** | **Graded Activities:**  Post-test completion for each system 5%  on Web CT  Exam I 20%  Exam II 20%  Skills Check Off/Completed Passbook P/F  Comprehensive PE & Write Up 25%  Episodic Exam & Write Up’s 15%  Audiotape & Write Up 15%  **Total 100%** Course Grading ScaleA=92 to 100 B=83 to 91  C=74 to 82  D=68 to 73  F=below 73 --- cannot progress  In order to pass a course containing both didactic and clinical requirements, the students must pass both the theoretical (with a 74%) and clinical (with an 83%) components of the course.  Clinical requirements include those breakout sessions provided during class time. In the event a class is missed, the student is responsible for notifying both the lead teacher and the appropriate clinical faculty in order to facilitate making up the missed time. To make up the time missed from class the student must add clinical hours to the required clinical rotation.  Assignments are expected to be turned in on the assigned date unless prior arrangement (minimum 24 hour notice) has been made with the faculty.  Examinations are to be taken the date scheduled unless prior arrangements have been made with the faculty. It is the prerogative of faculty to assign a zero for the missed exam or schedule a make-up exam. Make-up exams are typically more difficult than scheduled.  Students are required to turn in **two copies** of **all written assignments** with an **attached grading criteria / guideline.** |
| **CLINICAL EVALUATIONS:** | Students must pass both the didactic and clinical portions of a clinical course in order to pass the course. In order to pass the clinical portion, the student must receive a passing grade (minimum of 83%) on the faculty evaluation of the student’s clinical performance (Nurse Practitioner Clinical Evaluation). Students who fail a faculty evaluation have a one-time option to retake the practicum. A second faculty member will be present during the clinical performance retake. If the student passes the clinical performance retake (minimum of 83%), the **maximum** grade the student can receive for the exam for purposes of grade calculation is 83%. If the student fails the retake, the student will receive a grade of “F” for the course. |
| **STUDENT REQUIREMENT FOR PRECEPTOR AGREEMENTS/PACKETS:** | 1. All Preceptor Agreements must be signed by the first day the student attends clinical (may be signed on that day). 2. **Student** is responsible to ensure that all of his/her preceptor agreements are signed before beginning clinical experience and those agreements are given to Holly Niemann by the third week of the semester. (This means that even if a student doesn’t start working with a particular preceptor until late in the semester, s (h) e would contact that preceptor during the first 3 weeks of the semester. 3. Holly Niemann or designated support staff will enter the agreement date into *Partners* database. The Agreement Date” field in *Partners* is the data that the Preceptor signed the Agreement. (This date must be on or before the student’s first clinical day in order for the student to access *E-logs).* If this is the first time a preceptor is precepting a graduate nursing student for The University of Texas at Arlington, please have him/her complete the Preceptor Biographical Data Sheet and submit it with his/her Curriculum Vitae. 4. The signed preceptor agreement is part of the clinical clearance process. Failure to submit it in a timely fashion will result in the inability to access the E-log system. |
| **CLINICAL CLEARANCE:** | All students must have current clinical clearance to  legally perform clinical hours each semester. If your  clinical clearance is not current, you will be unable to  do clinical hours that are required for this course and  this would result in course failure. |
| **STATUS OF RN LICENSURE:** | All graduate nursing students must have an unencumbered license as designated by the Board of Nurse Examiners (BNE) to participate in graduate clinical nursing courses. It is also imperative that any student whose license becomes encumbered by the BNE must immediately notify the Interim Associate Dean for the MSN Program, Dr. Mary Schira. Failure to do so will result in dismissal from the Graduate Program.  The complete policy about encumbered licenses is available online at: <http://www.uta.edu/nursing/grad/unencumbered> |
| **MSN GRADUATE STUDENT DRESS CODE:** | Policy: The University of Texas at Arlington School of Nursing expects students to reflect professionalism and maintain high standards of appearance and grooming in the clinical setting. Clinical faculty have final judgment on the appropriateness of student attire and corrective action for dress code infractions.  Students not complying with this policy will not be allowed to participate in clinical.  **General Guidelines**   * **Jewelry**   + Watches, wedding rings only, earrings (one small stud per earlobe) may be worn.   + Necklaces are not permitted unless maintained under clothing and not visible.   + Except for one stud earring per earlobe, no other body piercing jewelry is permitted. Nose piercing jewelry must be removed or covered. No exceptions. * **Hair**   + Hair is to be clean, neat, and well groomed. Shoulder length hair or longer must be pulled back behind the ears off the neck when in the clinical, learning resource or simulation lab settings.   + Males are expected to be clean-shaven or facial hair/moustache and beards neatly trimmed.   + Hair must be of a color found in nature (no pink, blue, etc.). * **Nails**   + Nails are to be clean, groomed, and manicured.   + Artificial nails are prohibited in the clinical setting.   + Nails are to be cut to the tip of the finger and groomed.   + Only clear nail polish may be worn. No fingernail jewelry. * **Other**   + Makeup will be subdued. Personal hygiene including oral care, daily showering/bathing, and the use of deodorant is expected.   + No perfume or scented lotions are to be worn.   + Gum chewing is not permitted.   + Personal beepers, cell phones, and other such technology shall be utilized only during breaks from patient care. Cell phones must be turned off during clinical and left in the student’s purse or backpack.   + Tattoos must be covered and not visible   + Refrain from smoking in uniform as the smoke can cling to clothes and be an irritant to patients.   **Clinical settings requiring uniforms:**  Current UTA undergraduate student uniforms are navy blue scrubs with a UTA insignia patch sewn on the left upper sleeve of scrub top. White long or short sleeved turtleneck or crew neck T-shirts without logo’s or advertisements may be worn under scrub shirts.   * Uniforms are to be clean and not wrinkled * No sweaters with hoods may be worn with the uniform. * Head coverings must be a solid color (white, navy blue or black) and without adornment. The covering may not include the face. * A thigh-length white lab coat with a UTA insignia patch sewn on the left upper sleeve may be worn with the scrubs. * Undergarments and/or cleavage should not show when leaning or bending over. Low-rise scrub pants and rolling down the waist band of scrub pants is prohibited. * Shoes are to be closed toed, closed heel, clean and in good repair. Shoes must be made of a material that will not absorb bio-hazardous materials and that can be cleaned. Therefore, they must be white leather or rubber. White hose/socks (that come above the ankle) are required. Clog type shoes are prohibited for safety concerns.   **Learning Resource Skills Lab/Simulation Lab attire:**  Students entering the skills or simulation labs must be in uniform.  **UTA Student Identification**   * The UTA Student Picture ID is to be worn above the waist and in clear view when in uniform. * No other ID should be attached to the UTA School of Nursing ID, nor should the UTA ID be worn in settings other than clinical. The School of Nursing ID must be worn in all clinical and lab settings.   **Clinical settings requiring street clothes:**   * Professional attire is expected. Jeans/western cut pants, sweatshirts, shirts of underwear type, see-through clothing, sleeveless shirts or any clothing which exposes a bare midriff, back, chest or underwear are prohibited. Tattoos must be covered. Skirt length must be knee length or longer. Appearance must be clean and neat. Students in agencies where scrubs are provided should follow the above standards prior to changing into scrubs. * Students involved in pre-planning activities at a clinical site must wear a lab coat and UTA ID.   **Revised Summer 2009** |
| **UNSAFE CLINICAL BEHAVIORS:** | Students deemed unsafe or incompetent will fail the course and receive a course grade of “F”. **Any of the following behaviors constitute a clinical failure**:  1. Fails to follow standards of professional practice as detailed by the Texas Nursing Practice Act \* (available at [www.bne.state.tx.us](http://www.bne.state.tx.us))  2. Unable to accept and/or act on constructive feedback.  3. Needs continuous, specific, and detailed supervision for the expected course performance.  4. Unable to implement advanced clinical behaviors required by the course.  5. Fails to complete required clinical assignments.  6. Falsifies clinical hours.  7. Violates student confidentiality agreement.  \*Students should also be aware that violation of the Nursing Practice Act is a “reportable offense” to the Texas Board of Nurse Examiners. |
| **BLOOD AND BODY FLUIDS EXPOSURE:** | A Health Verification form was signed by all MSN students at start of the program documenting personal health insurance coverage. All MSN students have mandatory health insurance and will need to manage exposure to blood and fluids. Current CDC guidelines can be found at:<http://www.cdc.gov/> |
| **CONFIDENTIALITY AGREEMENT:** | You signed a Confidentiality Form in orientation and were provided a copy of the form. Please take your copy of this Confidentiality Form with you to your clinical sites. Please do not sign other agency confidentiality forms. Contact your faculty if the agency requires you to sign their confidentiality form. |
| **GRADUATE STUDENT HANDBOOK:** | Students are responsible for knowing and complying with all policies and information contained in the Graduate Student handbook online at: <http://www.uta.edu/nursing/hbk/toc.htm> |
| **AMERICANS WITH**  **DISABILITIES ACT:** | The University of Texas at Arlington is on record as being committed to both the spirit and letter of federal equal opportunity legislation; reference Public Law 92-112 - The Rehabilitation Act of 1973 as amended. With the passage of federal legislation entitled *Americans with Disabilities Act (ADA)*, pursuant to section 504 of the Rehabilitation Act, there is renewed focus on providing this population with the same opportunities enjoyed by all citizens.  As a faculty member, I am required by law to provide "reasonable accommodations" to students with disabilities, so as not to discriminate on the basis of that disability. Student responsibility primarily rests with informing faculty of their need for accommodation and in providing authorized documentation through designated administrative channels.  Information regarding specific diagnostic criteria and policies for obtaining academic accommodations can be found at www.uta.edu/disability.   Also, you may visit the Office for Students with Disabilities in room 102 of University Hall or call them at (817) 272-3364. |
| **STUDENT SUPPORT SERVICES** | The University of Texas at Arlington supports a variety of student success programs to help you connect with the University and achieve academic success. These programs include learning assistance, developmental education, advising and mentoring, admission and transition, and federally funded programs. Students requiring assistance academically, personally, or socially should contact the Office of Student Success Programs at 817-272-6107 for more information and appropriate referrals. |
| **STUDENT CODE OF ETHICS:** | The University of Texas at Arlington School of Nursing supports the Student Code of Ethics Policy. Students are responsible for knowing and complying with the Code. The Code can be found in the student Handbook online: <http://www.uta.edu/nursing/handbook/toc.php> |
| **ACADEMIC INTEGRITY:** | It is the philosophy of The University of Texas at Arlington that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include suspension or expulsion from the University.   "Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts." (Regents’ Rules and Regulations, Series 50101, Section 2.2) |
| **PLAGIARISM:** | Copying another student’s paper or any portion of it is plagiarism. Additionally, copying a portion of published material (e.g., books or journals) without adequately documenting the source is plagiarism. If five or more words in sequence are taken from a source, those words must be placed in quotes and the source referenced with author’s name, date of publication, and page number of publication. If the author’s ideas are rephrased, by transposing words or expressing the same idea using different words, the idea must be attributed to the author by proper referencing, giving the author’s name and date of publication. If a single author’s ideas are discussed in more than one paragraph, the author must be referenced at the end of each paragraph. Authors whose words or ideas have been used in the preparation of a paper must be listed in the references cited at the end of the paper. Students are encouraged to review the plagiarism module from the UT Arlington Central Library via <http://library.uta.edu/tutorials/Plagiarism> |
| **BOMB THREATS:** | If anyone is tempted to call in a bomb threat, be aware that UTA will attempt to trace the phone call and prosecute all responsible parties. Every effort will be made to avoid cancellation of presentations/tests caused by bomb threats. Unannounced alternate sites will be available for these classes. Your instructor will make you aware of alternate class sites in the event that your classroom is not available. |
| **E-CULTURE POLICY:** | The University of Texas at Arlington has adopted the University email address as an official means of communication with students. Through the use of email, UT-Arlington is able to provide students with relevant and timely information, designed to facilitate student success. In particular, important information concerning department requirements, registration, financial aid and scholarships, payment of bills, and graduation may be sent to students through email. All students are assigned an email account and information about activating and using it is available at [www.uta.edu/email](http://www.uta.edu/email). Students are responsible for checking their email regularly. |
| **NO GIFT POLICY:** | In accordance with Regent Rules and Regulations and the UTA Standards of Conduct, the School of Nursing has a “no gift” policy. A donation to one of the UTA School of Nursing Scholarship Funds, found at the following link:  [Nursing Scholarship List](http://www.uta.edu/nursing/schol-list) would be an appropriate way to recognize a faculty member’s contribution to your learning.  For information regarding Scholarship Funds, please contact the Dean’s office. |
| **GRADUATE PROGRAM SUPPORT STAFF:** | **La Shun Parish, *Sr. Office Assistant***  Office # 624A – Pickard Hall  Phone: (817) 272-2776, ext 24856  E-mail: [Lashun@uta.edu](mailto:Lashun@uta.edu) |
| **LIBRARY INFORMATION:** | Helen Hough, Nursing Librarian  (817) 272-7429  [hough@uta.edu](mailto:hough@uta.edu)  Research Information on Nursing:  <http://www.uta.edu/library/research/rt-nursing.html> |
| **MISCELLANEOUS INFORMATION:** | **Inclement Weather (School Closing) Inquiries:**  *Metro (972) 601-2049*  Fax Number - UTA School of Nursing: (817) 272-5006  **Attn: Graduate Nursing Programs Office**  UTA Police (Emergency Only): (817) 272-3003  **Mailing Address for Packages:**  UTA School of Nursing  C/O **“Your Faculty Advisor”**  411 S. Nedderman Drive, Pickard Hall  Box 19407  Arlington, Texas 76019-0407 |

GRADUATE NURSING WEBSITES

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| **Description** | **Website** |
| University of Texas Home Page | <http://www.uta.edu> |
| Graduate Catalog & Faculty | <http://www.uta.edu/gradcatalog/nursing> |
| Graduate Nursing Programs | <http://www.uta.edu/nursing/MSN/administration.php>  <http://www.uta.edu/nursing/MSN/practitioner.php> |
| Graduate Nursing Courses & **Syllabi** | <http://www.uta.edu/nursing/MSN/grad-courses1.php> |
| Faculty and Staff Email Contacts and Bio-sketches | <http://www.uta.edu/nursing//faculty.php> |
| Graduate Student Handbook | <http://www.uta.edu/nursing/handbook/toc.php> |
| * **Miscellaneous Graduate MSN Forms:**   + Banking Clinical Hours   + Code of Ethics   + Drop Request   + E-log Consent Form   + Liability Policy   + Master’s Completion Project Forms   + Nurse Admin Preceptor Package   + Nurse Practitioner Preceptor Package   + Personal Insurance Verification Form   + Petition to Graduate Faculty   + Resignation Request   + Student Confidentiality Statement   + Traineeship Statement Forms | <http://www.uta.edu/nursing/MSN/forms.php> |
| * **Clinical Evaluation MSN Forms:**   + Educator Evaluation   + Faculty Evaluation of Preceptor   + NP Clinical Evaluation (Practicum Tools)   + Nurse Admin Faculty Eval of Preceptor   + Nurse Admin Preceptor Eval of Student   + Preceptor Evaluation of Student   + Psych Therapy Preceptor Eval of Student   + Student Evaluation of Preceptor   + Student Self Evaluation |
| Clinical Online Submission (Elogs) | <http://www.totaldot.com/> |
| Criminal Background Check (Group One) | <http://www.dfwhc.org/GroupOne/> |
| **Instructions for E-Reserves** | <http://www.uta.edu/library/>  Select under Library Catalogs  ([UTA Library Catalogs](http://pulse.uta.edu/))  Select Course Reserves  Look for Instructor’s Name, Click Search, Select Article  Password is course abbreviation and course number.  ALL CAPS no spaces (ex. NURS5340). |

***Last Revision: August 18, 2009***

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| Building: SMART - Smart Hospital 706 Greek Row Dr. Other Maps: [Google](http://maps.google.com/maps?q=706+Greek+Row+Dr.+Arlington,+Texas&hl=en), [MapQuest](http://www.mapquest.com/maps/map.adp?city=arlington&state=TX&address=706+Greek+Row+Dr.), |
| **Coming from I-30:**  Take Cooper Street South.  Turn Right on Nedderman Drive  Continue past the Information booth.  Park in one of the three designated Smart Hospital™ Visitor Parking spots.  Walk North past Texas Hall and enter the Smart Hospital™ Office Building  **Coming from I-20:**  Take Cooper Street North  Turn Left on Nedderman Drive  Continue past the Information booth  Park in one of the three designated Smart Hospital™ Visitor Parking spots.  Walk North past Texas Hall and enter the Smart Hospital™ Office Building |

Circled in **red** is the Smart Hospital Building at 706 Greek Row Drive

**Pickard Hall**

\*\*\*Please see **pg 16** of your Syllabus for a **direct link** to the Smart Hospital website which will provide you with more in-depth information. \*\*\*

**The University of Texas at Arlington**

**School of Nursing**

**N5418 Advanced Health Assessment and Diagnostic Reasoning**

**Summer 2009 CLASS SCHEDULE**

**DRAFT**

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| DATE  DAY I  June 5, 2009  Friday | TIME  8:00- 9:30  9:30-12:00  12:00-1:00  1:00-3:00 | TOPIC  Orientation to course, & Web CT: Susie Carlson & Beth McClean  Soap Note Documentation: Andrea Schram  Lunch  Diagnostic Reasoning Process  Practice Soap Note DUE via Web-Ct by 11pm Friday  June 19thm 2009 | PREP FOR CLASS  \*\*\*WEEK ONE  PREPARATION; SOAP 1 AND SOAP II MODULES  Please Refer to the How to be successful in Health Assessment sheet located at the end of the schedule. It reviews post-test, Assigned Readings, Web-Ct Activities, and supplemental readings.  This includes but is not limited to:   1. Read and Complete the power point module on web ct on the topic for each topic for today 2. Complete the Required reading   Daines Chapter I: Clinical Reasoning   1. Complete the Post-test.   Review as needed. If you did not do well,  Review the supplemental readings if needed:  Mosby’ Guide to Physical Examination:  Seidel and Ball:  Chapter I: The history and interviewing process  Chapter 3: Exam Techniques and Equipment  Chapter 26: Recording Information | HELPFUL HINTS  Bring your Syllabus to class  We will talk about clinical clearance, and e-logs. Don’t worry about it until we have discussed it!  Your Practice soap note is due Friday June 19th by 11pm to the drop box on Web-CT. |
| DAY 2  June 6, 2009  Saturday  Website: [www.uta.edu/nursing/smarthospital](http://www.uta.edu/nursing/smarthospital)    Skills Practice, and Check-off at the Smart  Hospital | 9:00—10:30  10:30-11:30  11:30-12:30  12:30-1:30  1:30-2:30  2:30-3:30  3:30-4:00  4:00-5:00 | Health Promotion & Risk Assessment  Derm, Head/neck (mini lecture demo and practice  Lunch  Ears  Eyes  Nose, Throat  Episodic Pharyngitis Demo  Student practice time  \*Bring your Skills Checklist Passbook. | CLASS PREP: MODULES ON  DERM, HEAD AND NECK, EARS, EYES, NOSE & THROAT  Please Refer to the How to be successful in Health Assessment sheet located at the end of the schedule. It reviews post-test, Assigned Readings, Web-Ct Activities, and supplemental readings.  -Start with one system that is assigned  -Review the power point module on web-ct  -Complete the required reading assignments  -Complete the post-test  - If additional reading is needed refer to the supplemental readings  Repeat for each system  **Required Readings**: Read Daines for each system that we will review today  **Supplemental Readings if Additional clarification is needed from Seidel and Ball** | Please come to class prepared to practice and demonstrate check off for the listed systems. You are expected to be prepared for this day. We will demonstrate and practice! |
| Day 3  June 26th, 2009 | 9:00-10:30  10:30-12:00  12:00-1:00  1:00-2:00  2:00-3:00  3:00-3:30  3:30-5:00 | Pediatric assessment, growth and development, family assessment  CV (mini lecture/ demo/ practice)  Lunch  Pulmonary (mini lecture/ demo; practice)  Abdomen (mini lecture/ demo; practice)  Demo of Episodic: Gerd  Rotate through episodic “cough”  Write up for grade | Prep for class this week:  Modules CV, RESPIRATORY, ABDOMEN  Assigned Readings from Daines: chapters that are for the cv, pulmonary, abdomen  Episodic #2 | Your Health History Audio-tape is due when you come to class today. Please see the instructions in Web-Ct. You also have an audio example to listen to in Web-Ct. There is also a written example of this health history in Web-Ct.  Due at the start of class today, your audio taped history is due, along with the typed written copy of the history. |
| Day 4  June 27, 2009 | 9:00-10:00  10:00-11:30  11:30-12:30  12:30-1:30  1:30-3:00  3:00-3:30  3:30-5:00 | Exam I  Geriatric Assessment, functional assessment  Lunch  Neuro ( mini lecture, demo, practice)  MSK, Sports Exam  Episodic Demo CTS  Student’s rotate through episodic “knee pain” write up for a grade. Practice time as well. | Prep Modules for MSK, Sports Physical, Neuro  Episodic #3 |  |
| Day 5  July 17, 2009 | 9:00-10:00  10:00-11:00  11:00-12:00  12:00-1:30  1:30-3:30    3:30-5:00 | Psych Assessment, MMSE  Breast  Lunch  GU  GYN  Students have episodic for dysuria: write up for grade, practice breast, gyn gu | Prep Modules for GYN, Breast, GU  Episodic #4 |  |
| Day 6  July 18, 2009 | 9:00-10:30 pm  10:30-12  12:00-1  1-5 | Test II  Formal breast, gyn check offs  Lunch  Practice for Comprehensive check-off | Prep Study for Test Do nutrition and Spirituality modules  Come with your head to toe practice card |  |
| Day 7  TBA will schedule the first day of class |  | Comprehensive check off’s |  |  |

How to be successful in Health Assessment

Come to class prepared to practice the system that you learned or read about on Web Ct

Go to our Web-CT: Open to the Current Week of Assignments

Depending on the learning style that you have, you may prefer to read the assigned readings first or at the completion of the Web-CT activities. This is up to you and how you learn.

Have Fun!

1. Review, read and understand the Power-point Slides
2. Review, read and understand the Clinical Pearls
3. View the image collection
4. Review the interactive Exercises
5. Read or review the assigned readings as needed.
6. Complete the post-test, how did you do?
7. If you still need additional information or you are not clear on something, refer to the supplemental reading assignments.
8. If……there is a check-off associated with the system, **review** the check-off sheet .

If there is another system, repeat the process for the system.

1. Always bring your check off passbook to class.

**IMPORTANT**

**ADDITIONAL**

**INFOMATION**

### Additional WebCT Assignments

Students are also responsible for two lectures on WebCT covering: **Nutrition (also Seidel Chap. 6) and Spirituality.**

**N5418 Advanced Health Assessment and Diagnostic Reasoning**

**Comprehensive Health History & Interview**

**Audiotape**

Each student will demonstrate proficiency in interviewing skills, via an audio taped\* interview with a “patient.” You will be responsible for finding your own “patient.” If your “patient” has a problem, you will need to proceed with a series of questions designed to elicit pertinent information for this “patient” regarding the presenting problem or any red flags that arise during the interview. You must document your exploration of the 7 variables. The “patient” will be considered a new patient to the practice so the questions must be used to gather information obtained from a new patient as well as any other pertinent information relevant if they have an actual problem. It is OK to have no problems.

You will be graded on your ability to appropriately follow a line of questioning, gather pertinent information, redirect - when necessary - the patient, and develop a risk profile for your patient.

You will be given thirty (30) minutes to complete your interview. It is expected that you will have practiced interviewing techniques prior to this interview.

In addition to the audiotape, you will provide a SOAP note for the “encounter” that reflects the history findings from the encounter. In other words, do not document questions or finding that were not asked/answered. The SOAP note must follow the format discussed in lecture and according to the grade sheet provided in the syllabus. Only the subjective information, assessment and risk profile will be documented. No objective information will be documented.

The grade received is the average of your interview grade (see syllabus for grading sheet) and SOAP note grade. You must receive a passing grade of 83 to progress in this course.

Any student receiving a failing grade on the audiotape will be given one (1) opportunity to repeat the interview. Maximum final grade on a redo is 83.

\*The audio tape can be in the form of an MP3 file, a digital recording (you must turn in a digital player with your digital recorder so the faculty can listen to your recording), or a cassette tape.

Failure by the student to provide a clear audible recording will result in a 50% point reduction.

**The University of Texas at Arlington School of Nursing**

**N5418 Advanced Health Assessment and Diagnostic Reasoning**

**Audio Recording SOAP Note Outline**

**S:**

**CC:**

**HPI:**

**CHD:** *Medications*

*Immunization status*

*Allergies*

*LMP*

*Last physical exam*

*Birth control method*

*Screening tests*

**AMH:** *Childhood illness*

*Adult illnesses*

*Hospitalizations*

*Emotional/Psychiatric History*

*Sexual History*

*Obstetric/gynecological History*

*Trauma/injuries/disabilities*

*Surgeries*

**FH:** *Narrative & Genogram*

*Review of hereditary diseases*

**Personal/Social:**

*Personal Activities of daily living*

*Home/living conditions Occupation*

*Lifestyle habits Environmental*

*Military record*

**ROS:**

**General Conditions:**

**Nutrition:**

**Skin/Hair/Nails:**

**HEENT:**

**Breasts:**

**Respiratory System:**

**Cardiovascular System:**

**Peripheral Vascular:**

**Gastrointestinal:**

**Urinary:**

**Genital:**

**Musculoskeletal:**

**Neurological:**

**Lymphatic:**

**Hematological:**

**Endocrine:**

**Psychiatric:**

N5418 Advanced Health Assessment & Diagnostic Reasoning

Comprehensive Physical Exam & Write-up

The student will be assigned a “patient” for the comprehensive exam. The student will need to arrive 30 minutes before their scheduled time and prepare their equipment (diagnostic kit, stethoscope and other needed supplies). The student may take notes on their findings during the physical exam on a single sheet of paper. The student may use one 5 X 7 index card with whatever references or notes desired during the exam. (Please be aware, points will be deducted if you use your card too much). The student will have one hour (1) to complete the head-to-toe physical exam. The student will be given an additional one hour (1) to write-up the exam in the proper SOAP format. No reference materials will be allowed for the write up, but the student may take the one-page note from the exam (not their 5X7 index card).

You must receive a passing grade of 83 on this assignment to progress in this course. Any student receiving a failing grade on the comprehensive physical exam or write-up will be given one (1) opportunity to repeat the assignment. Maximum final grade on a retake is an 83. (Please refer to N5418 Syllabus, page 6).

CLINICAL ASSIGNMENTS

**N5418 Advanced Health Assessment & Diagnostic Reasoning**

There are forty-five hours of clinical time associated with this course. This clinical time will be completed at clinical sites outside of The University of Texas at Arlington School of Nursing. You will be provided with the name and contact information for the site to which you are assigned by our graduate clinical coordinator.

In the event the student is unable to attend an assigned clinical experience, it is the student’s responsibility to notify their clinical advisor and the lead teacher and the preceptor. Every attempt will be made to reschedule the student in an appropriate clinical site. Failure to complete the required clinical hours may affect the student’s ability to progress in the nurse practitioner program.

Each student will have a soap note due from a standardized patient this semester. Details will be given in class.

EPISODIC EXAM

Each student will be evaluated on his/her ability to complete a history and physical examination from an episodic complaint – when that complaint is not known until the patient is first met.

The purpose of this evaluation is to assess the student in a situation that requires implementation of the skills (both in history taking and physical examination) learned during this semester. Faculty will evaluate the student’s systematic approach to a patient that includes full exploration of the patient’s pertinent history and ROS, risk factors, etc. The ability to arrive at a diagnosis utilizing pertinent findings is an important aspect of this exercise.

The student will be provided with a chief complaint from a “patient” as well as minor details from the patient’s history or HPI. These chief complaints will be **common** problems seen in a primary care setting and similar to those discussed during class case studies. These may include (but are not limited to) musculoskeletal complaints, GI complaints, upper respiratory complaints or skin problems. The student will be expected to utilize tests/questions that are pertinent to the complaint given as well as explore any “red flags” that may present during the interview. For each question asked, the student will receive an answer from the “patient” and for each exam performed, the student will receive the physical findings from the faculty evaluator.

The student has 30 minutes to complete the episodic exam. The student will be given an additional 30 minutes to write a SOAP note from the encounter utilizing the information given to him/her by the faculty evaluator and the patient.

During the episodic exam, the student may use one reference of choice. During the write up of the SOAP note, the student may only use the notes taken during the exam.

You must receive a passing grade on this assignment to progress in this course. Any student receiving a failing grade on the episodic exam will be given one (1) opportunity to repeat the exam. Maximum final grade on a retake is an 83 (please refer to N5418 Syllabus, page 6).

THE UNIVERSITY OF TEXAS AT ARLINGTON

**School of Nursing**

Advanced Health Assessment and Diagnostic Reasoning

**N5418 – Summer 2009**

Student:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Major:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Faculty Advisor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**ASSIGNMENTS / GRADE SUMMARY**

Post-test Web-CT (completion) 5% \_\_\_\_\_\_\_

Exam # 1 20% \_\_\_\_\_\_\_

Exam II 20% \_\_\_\_\_\_\_

Comprehensive PE and Write Up 25%\_\_\_\_\_\_\_

Episodic Check-off & Write Up 5% Each

1

2

3

15%\_\_\_\_\_\_\_

Skills Check-off Completed Passbook P/F \_\_\_\_\_\_\_

Audiotape & Write Up 15%\_\_\_\_\_\_\_

**Total 100%**

THE UNIVERSITY OF TEXAS AT ARLINGTON

SCHOOL OF NURSING

**Nursing 5418**

Advanced Health Assessment and Diagnostic Reasoning

**Clinical Objectives:**

* + - 1. Use a comprehensive assessment approach in the delivery of health promotion and health care across the lifespan.
      2. Develop proficiency at conducting age-appropriate and situation appropriate health assessments in advanced nursing practice.
      3. Demonstrate systematic technique in conducting advanced health assessments.
      4. Differentiate normal and abnormal physical and psychosocial findings.
      5. Develop and demonstrate proficiency in documenting and communicating the process and outcome of a client encounter.
      6. Demonstrate advanced diagnostic techniques used by advanced practice nurses.

**The University of Texas at Arlington School of Nursing**

**N5418 Advanced Health Assessment and Diagnostic Reasoning**

**Guidelines for Clinical Experiences**

1. Clinical Preceptors/Mentors:

Clinical hours for N5418 are arranged by the Faculty.

A preceptor agreement sheet must be signed by each preceptor and presented with your documentation of the experience.

**Note: At no time during the required clinical experience may a student precept in a salaried position.**

1. Documentation of Care:

The Nurse Practitioner Program requires a wide variety of clinical hours which necessitates the student to obtain experiences in numerous settings. The student is expected to appropriately, thoroughly and accurately document as appropriate to each clinical setting.

Student Signature:

The appropriate student signature: First initial, Last name, RN,

NP-S (ex: Nurse, RN, NP-S). If there are multiple NP students in the setting, include UTA

NP-S.

1. Professional Attire:

Students should dress professionally and appropriately according to the clinical practice setting. A lab coat and picture ID identifying the student as a University of Texas at Arlington nurse practitioner student must be worn in client encounters as appropriate.

1. Clinical Conferences with Faculty:

At regular intervals throughout the NP program the student and faculty advisor may meet to discuss the student=s progress towards obtaining clinical objectives, the student=s overall performance in the program and other areas of concern. During these conferences, it is expected that the student share information with the clinical advisor that will help the advisors evaluate the quality and scope of the clinical experiences. On occasion, these conferences may be conducted via telephone, particularly for students living out of the Metroplex area.

**PREVENTION OF ACADEMIC DISHONESTY GUIDELINES**

**Special Instructions Regarding Assignments**

Unless otherwise instructed, all course (class & clinical) assignments are to follow the following guidelines:

1. Each student is expected to do each assignment independently. This means no consultation,

discussion, sharing of information, or problem-solving to complete any component of the

assignment. This includes your preceptor - do not ask the preceptor to advise you on an assignment. **Out-of-Class Case Studies are to be independently completed.**

2. It is your ability and clinical decision-making that we are assessing through the assignments –

not your colleagues.

3. Any violation of these instructions will result in academic dishonesty a violation of UTA’s

Academic Dishonesty Policy. The penalties can range from failure on the assignment,

course failure and/or expulsion from the program.

4. The student will turn in the original and 1 copy of each written assignment. One copy will

be maintained in a permanent file after a faculty assesses all class papers. The graded copy will be returned to the student and will be maintained in the clinical notebook.

5. If at any time a student is aware of academic dishonesty committed by a classmate, the

student is expected to inform the faculty.

6. Academic dishonesty is cheating and will not be tolerated in this program. RNs are expected

to conform to professional ethics whether in the classroom or in the clinical setting.

You are asked to sign below to indicate that you understand the above guidelines.

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Name Date**

**Clinical Experiences Journal Guidelines**

The Clinical Experiences Journal (3 ring notebook) should be organized with appropriate tabbed sections:

1. Copy of your Preceptor Agreement
2. Personal Clinical Objectives Related to learning minimum three

How and why-personalize these to you and your learning needs

Evaluate each objective as to Met, partially met, not met-give brief description

1. Clinical Hours Verification Form

Must have preceptor sign each day of clinical experience in the appropriate space attesting to the number of patients you have seen and the hours you were present (Lunch is NOT included)!

1. Course SOAP Notes (keep the graded copy in the notebook)
2. End of semester e-log reports.
3. Any other written assignments
4. Copy of course syllabus.

**This journal will have each course that you take in the future added to it.**

**REVIEW OF SYSTEM**

Basic review of system questions. Additional and more detailed questions may be appropriate depending on the patient's situation.

**General Condition**

Usual weight, recent weight changes, weakness, fatigue, fever, general statement of how the patient feels and sleep habits.

**Nutrition**

Appetite, dietary restrictions, 24-hour diet recall.

**Skin Hair Nails**

Rashes, itching, dermatitis, eczema, acne, lumps, sore, dryness, sweating, color changes, changes in hair or nails.

**HEENT**

**Head:** Headache, dizziness, loss of consciousness.

**Eyes:** visual acuity, glasses/contact lenses, pain, redness, excessive tearing, discharge, double vision, blurred vision, spots, flashing lights.

**Ears:** hearing loss, tinnitus, earaches, infection, discharge, hearing aids.

**Nose:** congestion, discharge, nosebleeds, sinus pain, sense of smell.

**Mouth and throat:** problems with teeth and gums, bleeding

guns, ulcers, dentures, sore tongue, change in taste, dry mouth, sore throat, hoarseness.

**Breasts**

Pain, tenderness, nipple discharge, lumps.

**Respiratory System**

Cough, sputum, hemoptysis, wheezing, shortness of breath.

**Cardiovascular System**

Chest pain, tachycardia, bradycardia, heart murmur, palpitations, orthopnea, paroxysmal nocturnal dyspnea, exercise tolerance.

**Peripheral Vascular**

Edema, varicosities, phlebitis, claudication, leg cramps.

**Gastrointestinal**

Abdominal pain, dysphasia, heartburn, nausea, vomiting, diarrhea, constipation, bowel regularitylcl~anges, rectal bleeding or black tarry stools, hemorrhoids, excessive belching or passing of gas, jaundice.

**Urinary**

Dysuria, urgency, frequency, polyuria, nocturia, hematuria, change in force of stream, hesitancy, dribbling, incontinence, suprapubic or flank pain.

**Genital**

**Female:** Menstrual regularity, frequency and duration. Amount of flow, bleeding between periods or after intercourse, dysmenorrhea, AMS. Vaginal discharge or itching, genital sores or lumps, menopausal symptoms, post menopausal bleeding, dysparenuria.

**Male:** discharge from penis, genital sores, testicular pain.

**Musculoskeletal**

Muscle or joint pain, stiffness, redness, swelling. Limitation of motion, muscular

weakness, back pain.

**Neurological**

Dizziness, fainting, seizures, weakness, problems with sensation or coordination, numbness tingling, tremors.

**Lymphatic**

Tenderness, enlargement of lymph nodes in neck, maxilla, groin.

**Hematological**

Easy bruising or bleeding, anemia.

**Endocrine**

Thyroid enlargement, heat or cold intolerance, excessive sweating, excessive thirst or hunger, skin striae.

**Psychiatric**

Depression, mood changes, nervousness, tension, irritability, difficulty concentrating, memory loss.

**PHYSICAL EXAMINATION**

***General.*** 25 year old African American female, alert, cooperative, well groomed, communicates well, makes eye contact.

T 98.6 F, P 70, R 16

VS---BP sitting, supine, and standing

Wt-54.5 kg, Ht-5'4"

***Mental Status.*** Awake and oriented x 3 to person, place, and time. Speech clear, enunciated words; comprehends directions.

***Skin, Hair, and Nails.*** Soft, moist, turgor with instant recoil, no lesions, tenderness, or edema noted; nails beds pink without clubbing, uniform thickness; nails smooth, capillary refill > 3 sec. Hair thick, no patches of hair missing. Multiple nevi on bilateral arms and chest.

***Head.*** Head erect and midline, scalp pink, no lesions or tenderness noted, symmetrical facial features. Temporal arteries soft, non-tender, no bruits.

***Eyes.*** Brows, lids, and lashes evenly distributed; no tearing; conjunctivae pink without discharge; Pupils react equally to light and accommodation. Extra-ocular movements intact, no eye drooping; no lid lag, no strabismus, visual field well defined. Corneal reflex equal bilaterally, red reflex present, Retina pink, no hemorrhages or exudates noted bilaterally; visual acuity checked with near vision chart and Snellen eye

chart.

***Ears.*** Auricles in proper alignment, without lesions, masses, or tenderness; canals with small amount dry cerumen. Tympanic membranes gray, translucent; no perforations. Weber: equal lateralization present. Rinne: air conduction> bone conduction bilaterally, Repeats whispered words bilaterally.

***Nose and Sinuses.*** No flaring of nares, no deviation in septum, nares patent bilaterally, mucosa pink and moist. No discharge. No frontal or maxillary sinus tenderness with palpation.

***Throat and Mouth.*** Buccal mucosa pink and moist, no lesions. Teeth in good repair; multiple fillings. Gingivae pink, no erythema. No lesions. Uvula and tongue midline. Gag reflex intact. No erythema in or pharynx. Able to correctly identify sweet, salty, sour, and bitter tastes bilaterally.

***Neck*** Trachea midline, thyroid and cartilage moves while swallowing. Thyroid borders palpable. No enlargement or nodules noted. Lymph nodes non palpable. Full range of motion and appropriate strength.

***Chest and Lungs.* AP** diameter less than lateral with 1**:2** ratio; muscle and respiratory effort symmetric without use of accessory muscles. Resonant percussion throughout, vesicular breath sounds throughout. Lungs clear bilaterally, no wheezing, crackles, or stridor; even, quiet breathing.

***Breasts.*** No palpable masses, mo nipple discharge.

***Heart.*** Apical pulse palpable at 5th inter-costal space mid-clavicle line. No heaves, lifts, or thrills. **S1** and **S2** noted without any splitting or murmurs. Apical pulse checked with carotid pulse. No visiblepulsations. No S3, S4, murmurs.

***Blood vessels.*** Bilateral pulses regular rhythm. No carotid, renal, or abdominal bruits. No edema, swelling, or tenderness in lower extremities. Lower extremities warm and pink, with symmetric hair distribution.

***Abdomen.*** Soft rounded, aorta midline with no visible pulsation, no bruit; bowel sounds heard in all quadrants, tympanic percussion tones over epigastrum, remainder dull to percussion; liver span 6 cm by percussion; dull to percussion. Liver, spleen, and kidney non palpable. No tenderness on palpation. No CVA tenderness.

***Genital Rectal.*** Deferred

***Lymphatic.*** No palpable lymph nodes in neck, supraclavicular, maxillary, epitrochiear, or inguinal areas.

***Musculoskeletal.*** Muscles appear symmetric, muscle strength appropriate and equal bilaterally, full rom spine and extremities in good alignment.

***Neurologic.*** Coordinated, smooth gait. Negative Romberg sign; balance, rapid alternating movements. Cranial nerves II-XII grossly intact. Deep tendon refiexes **2+** in bicep, brachioradial, patellar, and Achilles.

***Extra testing.***

Negative Lachrnan test findings. Findings were expected. Negative Anterior Drawer test findings.