Patient Diagnosis Project

I. Patient Diagnosis Objectives

A. Learn about the physical therapy intervention for a particular Patient Diagnosis
B. Recognize how members of the health care team work together to optimize patient outcomes
C. Gain experience and/or further develop your oral presentation skills

II. Project Instructions

1. Select a Patient Diagnosis from a predetermined list of Patient Diagnoses or select an alternate Patient Diagnosis with instructor approval. Choose a diagnosis treated by a physical therapist (PT)/physical therapist assistant (PTA) as well as other health care professionals, such as an occupational therapist (OT), speech and language pathologist (SLP), psychologist, social worker and/or nursing. The diagnosis you choose must by commonly seen by a PT/PTA and at least one other health care professional.

The diagnosis must be approved by and submitted to the instructor by August 30th. Please type the following information on a full sheet of paper or e-mail (include PTA 002 in the subject line of the e-mail)

   ✓ Student Name
   ✓ Date
   ✓ Primary Diagnosis choice
   ✓ Two (2) alternate diagnosis choices

2. The student must interview at least two (2) health care professionals, regarding how each of the health care professionals provides intervention for an individual with your Patient Diagnosis.
   ✓ One (1) of the health care professionals must be a Physical Therapist or a Physical Therapist Assistant.
   ✓ I do not recommend interviewing a physician. The MD will primarily be giving you information that will be included in the “Medical Treatment” section of your outline and not in a separate section for a “Health Care Professional”
   ✓ If you get the opportunity to observe a treatment session, this may enhance your understanding of the intervention for an individual with your Patient Diagnosis.
   ✓ Recommendation: Do some background research and learn about the Patient Diagnosis before you visit the health care provider.

3. Submit via e-mail the following information regarding the two (2) health professionals you will be interviewing to the instructor by September 13th:
   ✓ Student Name
   ✓ Date
   ✓ Diagnosis
   ✓ The names, credentials (i.e. PT, OTR, SLP) & phone numbers of the two (2) health professionals
4. The student **must** use at least one (1) textbook other than *Introduction to Physical Therapy* as a source to describe information about your Patient Diagnosis as noted below.

5. The student **must** use at least one (1) Article Database as a source to describe information about your Patient Diagnosis as noted below. **Note:** include the Uniform Resource Locator (URL) to the Article Database source in your bibliography.

6. The student **must** develop an electronically typed outline of the Patient Diagnosis Project. You will use this outline for your classroom presentation. **NO other paper is written.**

   **The outline must include:**
   - Information about your Patient Diagnosis
     - a. Definition/Description
     - b. Signs & Symptoms
   - Continuum of Care (i.e. acute inpatient, acute rehab, sub-acute, home health care outpatient &/or school based)
   - A **very brief** summary about the Medical Treatment for your Patient Diagnosis
   - Description of the Physical Therapy Intervention for your Patient Diagnosis
   - Description of at least one other Health Care Profession Intervention for your
   - A bibliography using the American Psychological Association (APA) Style, Standard 6th edition (Optional via NoodleBib) citing sources used.
     **Note:** 1) Cite the interviews with the PT/PTA and the other health care professional.
     2) Include the URL to the Article Database source.
     See the SAMPLE Outline at the conclusion of this outline

7. Develop a **Word Document** that includes your written outline and bibliography of your Patient Diagnosis Project.

8. **Submit via e-mail** your Case Study Project Outline & Bibliography by the midnight **September 27th** to the instructor at: roschay@cod.edu (it’s worth a total of 15 points)

9. Provide a verbal presentation of your Patient Diagnosis. during class on **October 4th**
   - Verbal presentations must be completed in **five (5) minutes.**
   **Note:** if the presentation is greater than 7 minutes, 10 points will be deducted
II. Patient Diagnosis Considerations

The diagnosis you choose must be commonly seen by PT/PTA and at least one other health care professional (i.e., MD, OT, SLP).

Patient Diagnosis Considerations:

- Osteoarthritis (OA) of a particular joint or area of the body (i.e. hip, knee, lumbar spine.)
- Juvenile Rheumatoid Arthritis (JRA) of a particular joint or area of the body (i.e. hip, knee)
- Adult Rheumatoid Arthritis (RA) of a particular joint or area of the body (i.e. hip, knee)
- Duchenne Muscular Dystrophy
- Osteogenesis Imperfecta
- Multiple Sclerosis (MS)
- Parkinson’s Disease
- Down Syndrome
- Cerebral Palsy
- Fetal Alcohol Syndrome
- Diabetes Mellitus
- Acquired Immune Deficiency Syndrome (AIDS)
- Guillain-Barre Syndrome (GBS)
- Spina Bifida
- Cerebral Vascular Accident (CVA) (AKA: Stroke)
- Traumatic Brain Injury (TBI)
- Spinal Cord Injury (SCI)
- Congenital Dislocation of the hip in children
- Club Foot Deformity
- Coronary Artery Bypass Graft (CABG)
- Pneumonia
- Total Knee Arthroplasty (TKA)
- Total Hip Arthroplasty (THA)
- Unicompartmental Knee Arthroplasty
- Chronic Obstructive Pulmonary Disease (COPD)
- Cystic Fibrosis (CF)
- Amyotrophic Lateral Sclerosis (ALS) (AKA: Lou Gerhig’s Disease)
- Cancer
- Dementia/Alzheimer Disease
- Post-Polio Syndrome
- Fibromyalgia/Chronic Fatigue Syndrome
- Ankylosing Spondylitis
- Carpel and/or Cubital Tunnel Syndrome
- Cervical Strain/Whiplash
- Lumbar Strain
- Cervical or Lumbar Surgery
- Cervical or Lumbar Spinal Stenosis
- Rotator Cuff Syndrome
- Elbow Epicondylitis
- Frozen Shoulder
- Gout
- Knee Injuries: meniscus, cruciate & collateral ligaments
- Legg-Calve-Perthes Disease
- Osteoporosis with resultant compression fracture
- Patellofemoral Pain
- Rotator Cuff Tears, pre-op or post-op.
- Reflex Sympathetic Dystrophy (RSD)
- Sacroiliac (SI) Joint Dysfunction
- Temporomandibular Joint (TMJ) Dysfunction
- Scoliosis
- Spondylolisthesis or spondyloysis
- Iliotibial Band Syndrome
- Plantar Fasciitis
III. Diagnosis Project Research Resources

A. Visit the COD Library web site: www.cod.edu/library/

1. Select, Ask A Librarian (found on the top, center portion of the Library Home page) Remember that since the COD Library is a teaching library, COD librarians are available to help you find the information you are seeking. You can contact a COD librarian in a variety of ways: meet in person at the Reference Desk, email, instant message &/or via phone.

2. Select, Research
   a. Research 101
   b. Citing Sources (as noted above, you have the option of using NoodleBIB- APA Bibliography Composer
   c. Ask A Librarian (another opportunity to contact a librarian as noted above)

3. Select, Workshops & Online Tutorials found under Selected Resources

Workshops  S.O.S. Research and Internet Workshops

Tutorials

• Research Guides  Specific subject and course project guides
• Research 101: Online Research Tutorial  Learn to find and evaluate online information
• Virtual Tour of the C.O.D. Library  Familiarize yourself with the C.O.D. Library

4. Select, Copyright Information found under Selected Resources

B. You must use at least one (1) textbook other than Introduction to Physical Therapy as a source.

1. Visit the COD Library web site: www.cod.edu/library/  Select, Library Catalog
   → Search via: Subject, Title, Author, Key Word &/or Call #

2. A list of Physical Therapy resources available at the COD Library is available at:
   Visit the COD Library web site: www.cod.edu/library/  Select Research  
   Select Physical Therapy (here it is again, the Physical Therapy Research Guide)  
   Select → ■ Physical Therapy Resources in the C.O.D. Library, found under Library Catalogs

C. You must use at least one (1) Article Databases (suggestions)

1. Visit the COD Library web site: www.cod.edu/library/  Select Research  
   Select Physical Therapy (here it is again, the Physical Therapy Research Guide)  
   Select Health Research Databases, found under Article Database

   a. Academic OneFile (was Expanded Academic Index) (Academic OneFile is great for peer-reviewed, full-text articles from the world's leading journals and reference sources. With extensive coverage of the physical sciences, technology, medicine, social sciences, the arts, theology, literature and other subjects. Millions of articles available in both PDF and HTML full-text with no restrictions, researchers are able to find accurate information quickly. Updated daily.)

   b. Academic Search Premier (contains indexing and some full text for 4515 journals)

   c. Academic Video Online (a collection of full-length streaming videos including. Ethnic Studies, Health & Health Care. Also included in the subscription are full transcripts of each video program that are keyword searchable, easy playlist and clip making functionality, permanent embeddable URLs for easy use in online courses.

   d. CINAHL with Full Text (online version of Cumulative Index to Nursing & Allied Health Literature)
e. Care Notes (nice site for patient education material, information in English & en Espanol) Remember, you need to use the below noted username and password to use this resource from your home computer
   User Name: DUPAGE                 Password: 9ACDMX
(Care Notes helps medical professionals educate patients about certain conditions. Contains 2500 English and 2500 Spanish documents that address patient condition, treatment, follow-up care, psychosocial issues, continuing health, and the most frequently administered drugs)

f. Communication And Mass Media Complete (Articles and other research materials in areas related to communication and mass media)

g. Films On Demand - Streaming Video (collection of online streaming videos includes Health and Nutrition)

h. Gale Virtual Reference Library (GVRL) (GVRL is a collection of online reference books on a variety of topics including Business, History, Literature, Medicine, Social Science, Technology and many more)
   Perform a Basic Search or Select, Medicine → Start with Selecting
   Gale Encyclopedia of Medicine 4th ed., 6v, 2011 → at the Table of Contents choose a topic or choose another volume (alphabetical by first letter of topic)
   or
   The Gale Encyclopedia of Surgery, 3v, 2004 → at the Table of Contents choose a topic or choose another volume (alphabetical by first letter of topic)
   or
   The Gale Encyclopedia of Alternative Medicine, 2nd ed., 4v, 2005 → at the Table of Contents choose a topic or choose another volume (alphabetical by first letter of topic)

i. HAZMAT Zone (Online full text access to the MSDS Data Sheets) User Name: codlib       Password: library

j. Health Reference Center Academic (indexing of hundreds of nursing and allied health journals)

k. Health Source: Consumer Edition (nearly 300 full text, consumer health periodicals, more than 1,000 health-related pamphlets and more than 140 health reference books. Also contains 7,000 Clinical Reference Systems reports (in English and en Espanol); Clinical Pharmacology, which provides access to 1,100 drug monograph entries and 2,700 patient education fact sheets)

l. Health Source: Nursing/Academic Edition (600 scholarly full text journals on many medical disciplines. Coverage of nursing and allied health is particularly strong. In addition, this database includes the Clinical Pharmacology database, providing access to up-to-date, concise and clinically relevant drug monographs for all U.S. prescription drugs, hard-to-find herbal and nutritional supplements, over-the-counter products and new drugs)

m. Highwire Press (From Stanford University, a searchable resource with full-text journal literature, some free, some for-fee.

n. JSTOR (Archive of digitized journal articles ranging in date from the 1700's to the early 2000's. These collections span a variety of subjects in the Humanities, Social Sciences and Physical Sciences)

o. Journals of The Society of Nuclear Medicine (Online index of the Journal of Nuclear Medicine and Journal of Nuclear Medicine Technology. Go to the Library for these journals.)

p. Learning Express Library: All COD databases require a valid library card for access from off-campus. Learning Express Library provides a completely interactive online learning platform of practice tests and tutorial course series designed to help patrons, students, and adult learners succeed in the academic or licensing tests they must pass. Features include immediate scoring, complete answer explanations, and an individualized analysis of results. Includes tests such as GRE, TOEFL, ASE and GED.

q. Medline (Complete National Library of Medicine database)

r. Medline Plus Consumer Health - - NLM (another nice site for patient education material, some information en Espanol)
s. Micromedex Health Care Series (very comprehensive drug information site) Remember, you need to use the below noted username and password to use this resource from your home computer:
   User Name: DUPAGE    Password: 9ACDMDX

t. Pub Med--National Library of Medicine (access to over 12 million MEDLINE citations back to the mid-1960's and additional life science journals

u. Science Direct (Indexing and full-text of 175 journals in science, chemistry, earth science, biology and other related disciplines. Be sure to select "Subscribed Journals" from the Source drop-down menu)

2. You must have a valid College of DuPage library card to access the electronic indexes and databases from off-campus.
3. User Name/Passwords for Micromedix & Care Notes
   User Name: DUPAGE
   Password: 9ACDMDX

IV. Final Advice
Remember that since the COD Library is a teaching library, COD librarians are available to help you find the information you are seeking. You can contact a COD librarian in a variety of ways via the COD Library link “Ask a Librarian”:
   • meet in person at the Reference Desk
   • email Debra Smith smithkak@cod.edu
   • instant message
   • via phone
### Patient Diagnosis Project Grading Criteria

<table>
<thead>
<tr>
<th>Grading Criteria</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1. Written Outline</strong></td>
<td>70 of 90 Pts</td>
</tr>
<tr>
<td>Diagnosis submitted to the instructor by midnight 8/31/17</td>
<td>____/5</td>
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<tr>
<td>Submission of the names, credentials and phone numbers of the health professionals you will be interviewed to the instructor by midnight 9/14/17</td>
<td>____/5</td>
</tr>
<tr>
<td>Typed, written outline &amp; bibliography, using the APA Style 6th edition, the instructor by midnight 9/28/17</td>
<td>____/5</td>
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<tr>
<td>I. Accuracy &amp; content of information about your Patient Diagnosis</td>
<td>____/5</td>
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<tr>
<td>A. Definition/description</td>
<td>____/5</td>
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<tr>
<td>B. Signs &amp; symptoms</td>
<td>____/5</td>
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<tr>
<td>II. Description of the <strong>Continuum of Care</strong></td>
<td>____/5</td>
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<tr>
<td>III. Accuracy &amp; content of the summary of <strong>Medical Treatment</strong></td>
<td>____/5</td>
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<tr>
<td>IV. Accuracy &amp; content of the Description of the <strong>PT Intervention</strong></td>
<td>____/5</td>
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<tr>
<td>V. Accuracy &amp; content of the Description of at least one <strong>Other Health Care</strong></td>
<td>____/5</td>
</tr>
<tr>
<td>Professional</td>
<td>____/5</td>
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<tr>
<td>Student interviewed Two (2) health care professionals</td>
<td>2 X 2.5 = ____/5</td>
</tr>
<tr>
<td>At least one (1) textbook source used to describe information about the Patient Diagnosis</td>
<td>____/5</td>
</tr>
<tr>
<td>At least one (1) Article Database used as a source to describe information about the Patient Diagnosis</td>
<td>____/5</td>
</tr>
<tr>
<td><strong>Written Outline Sub-Total</strong></td>
<td>____/70</td>
</tr>
<tr>
<td>Written Outline Comments:</td>
<td></td>
</tr>
<tr>
<td><strong>2. Verbal Presentation (AKA: Audience Education)</strong></td>
<td>20 of 90 Pts</td>
</tr>
<tr>
<td>a. Eye Contact with audience</td>
<td>____/5</td>
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<tr>
<td>b. Audibility</td>
<td>____/5</td>
</tr>
<tr>
<td>c. Keeping the interest of the audience</td>
<td>____/5</td>
</tr>
<tr>
<td>d. Material presented in a manner for an audience who may not know anything about the Patient Dx</td>
<td>____/5</td>
</tr>
<tr>
<td>e. Present Time: _________ If greater than 5 minutes, minus 10 points</td>
<td></td>
</tr>
<tr>
<td><strong>Verbal Presentation Sub-Total</strong></td>
<td>____/20</td>
</tr>
<tr>
<td>Verbal Presentation Comments:</td>
<td></td>
</tr>
<tr>
<td><strong>Total Points</strong></td>
<td>____/90</td>
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</tbody>
</table>

If you are absent on the day of the Verbal Presentation, you will **not** receive any of the presentation points.
College of DuPage  
Physical Therapist Assistant Program  
Introduction of Physical Therapy (PHYTA 1100-001)  
Spring 2017

Patient Diagnosis Project: __________________  
(Diagnosis)

I. Patient Diagnosis  
A. Definition/Description  
B. Signs & Symptoms

II. Continuum of Care  
(Description of where the patient has and is currently receiving health care services: acute inpatient, acute rehab, sub-acute, home health care, outpatient &/or school based)

III. Medical Treatment  
(Very brief summary)

IV. Physical Therapy Intervention  
(Description including but not limited to: Type of Therapeutic Exercise, Type of Physical Modalities, i.e., heat, cold, elec. stim., traction, Patient Education, Orthotic/Prosthetic/Mobility Device/Other Equipment)

V. Other Health Care Profession Intervention  
(Which includes a very brief summary of how that health care provider provides services for an individual with your patient diagnosis)  
(Description of the Intervention of at least one other health care profession, including but not limited to Physician, OT, SLP, Nursing, Social Worker, Psychologist)

VI. Bibliography using the American Psychological Association (APA) Style, Standard 6th edition (Use NoodleBib as a guide) citing sources used. 

Remember:  
• You must use at least one (1) textbook other than Intro. to PT as a source.  
• You must use at least one (1) Article Databases  
  Include the URL to the Article Database source  
• Cite the interviews with the PT/PTA and the other health care professional in the following manner: Name followed with professional credential(s): Pat Burns P.T.:  
  Followed with: Personal Communication  
  Followed with the Date: MM/DD/YYYY  
  Followed with type of Personal Communication: [Personal Interview] or [Phone Interview] or [E-Mail Interview]  
  Example:  
  Pat Burns P.T.: Personal Communication, 9/20/2017. [E-mail Interview]