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Partner Discussion using an EHR and ChatGPT

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Partner Discussion #2 – N&D 561: Clinical Nutrition Care 1

This assignment is another opportunity to familiarize yourself with an Electronic Health Record and assess the reliability of ChatGPT to produce nutritional advice. The purpose of this assignment is to apply the knowledge you have learned in class related to nutrition assessment and drug/nutrient interactions in a simulated environment. Additionally, you will analyze recommendations from ChatGPT with your own answers and discuss them with your team.

You will complete some preparatory assignments before your scheduled meeting time with your partner(s). The assignment requires EHR-Go, completing the EHR-Go worksheet, discussion with your partner(s), and utilizing ChatGPT for recommendation comparison.

Skills

The skills and behaviors you are working on in this assignment are:

- Navigating an EHR
- Applying knowledge of nutrition assessment and drug/nutrient interactions with a simulated patient
- Gathering and critically analyzing information from different sources and individuals to fully understand a problem.
- Synthesizing key recommendations for a patient by considering a systems approach
- Articulating an argument for your recommendations based on evidence and acknowledging diverse needs of the patient

Knowledge

You will need the following knowledge to be successful in this assignment.

1. How to navigate and find information in an EHR
2. Common assessment information that indicates nutritional needs
3. Common drug/nutrient interactions
4. How to prompt ChatGPT for nutrition recommendations

Tasks

Task 1 – Pre-work for your partner meeting and discussion

For this task you must complete the following **pre-work** before meeting with your assigned team.

1. Complete the EHR-Go worksheet on diet-nutrient interactions.
2. Read this article on AI in Healthcare and jot down your 3 most important takeaways from the article

3. Create a ChatGPT account – see instructions on Blackboard. Please be aware that ChatGPT will store information you put in – you may wish to use a burner email and be mindful of the data you provide within the chat or other areas.

Task 2 – Complete the partner discussion

During your discussion you will access your prep-work and talk about the EHR-Go worksheet and then you will utilize ChatGPT for comparison. For the **discussion** complete the following:

1. Email your group to set up a time for a phone call or Zoom meeting to complete the discussion.
2. Discuss your answers from the **EHR-Go worksheet.** Consider the following questions to support your discussion:
   a. What was the same and different about your answers and how you approached the worksheet (your process to finding the answers in the EHR)?
   b. What do you think of the differences between your answers?
   c. Write a summary paragraph of your discussion.
3. **Open your ChatGPT** account – each team member should open a ChatGPT.
   a. In the chat box submit questions related to questions 8-13 from the DNI worksheet. You may wish to ask ChatGPT the exact questions from the worksheet or a question that would help you answer the worksheet.
   b. Record the prompts you give ChatGPT –
   c. Share the information ChatGPT provided with your team and discuss the prompts you gave ChatGPT and the responses it gave back.
   d. In your discussion, consider the following questions:
      i. What did you notice about the ChatGPT responses – how were they similar, what was different, did it provide questionable or inaccurate responses, what prompt gave the best results, etc.?
   e. Document a summary of your discussion. In your summary include key elements of your discussion and what you learned because of this exercise and discussion.
4. **Based on the article** you read in your prep-work and your experience today discuss the following:
   a. Should generative AI or other forms of AI play a role in nutrition care?
   b. Justify your answer.
   c. Record a summary of your discussion and what additional elements your partner(s) brought up that made think about this topic differently.

Task 3 – Submission

Assignment **submission** requirements

Each student will submit their own assignment and it must include the following elements:

1. Your EHR-Go worksheet and paragraph summarizing your discussion about the worksheet with your partner(s).
2. Submit the link of your ChatGPT prompts and responses see instructions on Blackboard. (There is a small icon in the upper righthand corner with an up arrow that allows you to copy a link).
3. Submit the summary of the discussion related to your ChatGPT and AI questions.
4. Finally submit a paragraph or two reflecting on the learning from this assignment. Answer these questions:
    a. What did you learn about ChatGPT?
    b. What role AI should play in nutrition (your takeaways from the article in the prep work) and the summary of the discussion that you had with your partner(s).
    c. What was the biggest challenge about this assignment and how did you face it?

Criteria for Success

This partner discussion is worth 30 points. Full points are awarded for completed worksheets (correct answers and thorough responses), all submission criteria included. Paragraph summaries in the submission should include critical thoughts about your discussion with your partners – it is more than a summary of topics discussed. It must include your learnings, takeaways, and how you may or may not change how you approach nutrition care in the future.

Points are taken off when elements of the submission are not included, the worksheet answers are incomplete or poorly answered, and minimal thought was put into the summary paragraphs from the partner discussion.

The following rubric will be used to assess your submission

**	Competent (5-6 points)	Requires more work (<5 points)
Connection to experience	Clear connections are made between the assignments, the discussion, and the learning specific to the assignment guidelines	Weak connections are made or it is unclear how it relates to the topic and/or assignment
Accuracy	Submitted work reflects an accurate understanding and knowledge of assignment content. Appropriate evidence is provided when needed.	Submitted work has clear errors and/or appropriate evidence is not provided for answers.
Relevance	Learning is reflective of the specific content from the assignments and the discussion was related to the	Information provided is too vague to align with the specific topic or assignment.

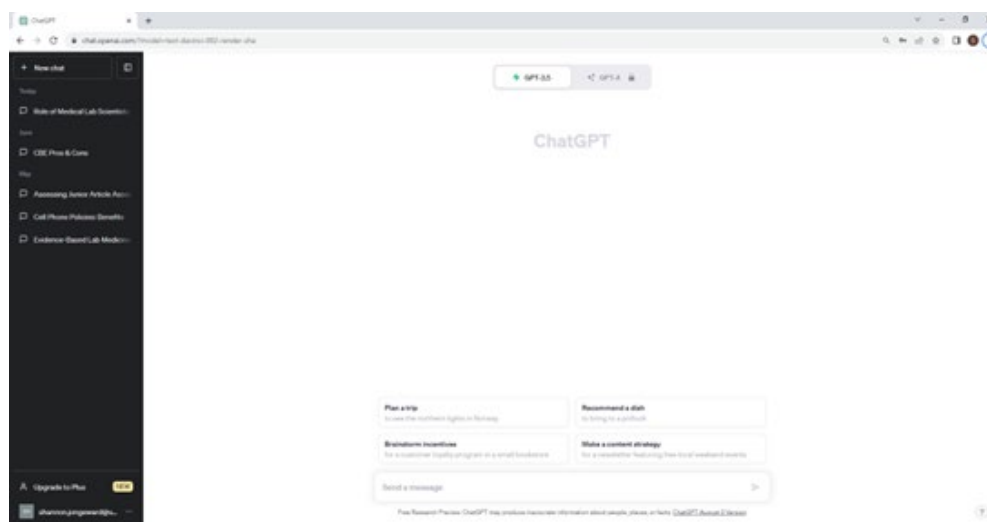|	assignment requirements	
Depth	Provides a necessary level of complexity when needed and is not over-simplified. Answers are reflective of a deep understanding and awareness of the assignment content. Provides alternative views and other potential interpretations of content.	Minimal connections are made between the assignment and discussion. Lacks critical thinking or analysis and is too brief to meet the requirements of the assignment.
Significance	Conclusions and statements are directly connected to the assignment and the partner discussion experience	Conclusions and statements are too broad to apply to this topic or assignment.

** Ash, S.L., & Clayton, P.H. The articulated learning: An approach to guided reflection and assessment. *Innovative Higher Education* **29**, 137–154 (2004). https://doi.org/10.1023/B:IHIE.0000048795.84634.4a
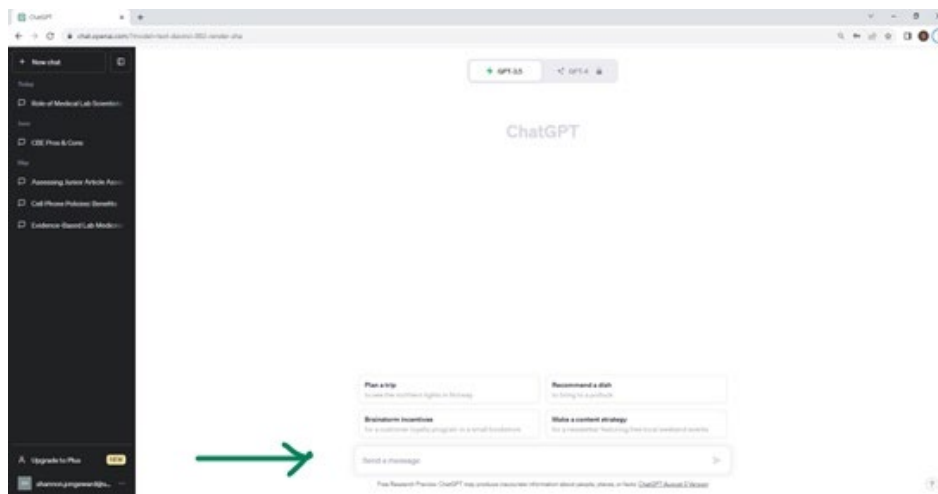
Instructions for Creating a ChatGPT Account and Copying the Share Link

Creating a ChatGPT3.5 account

1. Create a free ChatGPT3.5 account at https://chat.openai.com/.
   You can use a "burner" email if you like. ChatGPT is open software, and it keeps what you enter, be mindful of what you provide.

2. Once an account is created, the main page should look like the below screenshot.

3. In the "Send a message" box (green arrow), type your prompts about the worksheet questions. ChatGPT will generate a response.

Sharing the prompt link

In the upper right corner of the screen (orange arrow), hover over the up arrow, it will say "Share Chat". Click on this to obtain a link to the chat.