**Group Project: Acute Hemolytic Transfusion Reaction**

[Oluwatomiwa Bello](https://moodle.tru.ca/user/view.php?id=107317&course=56701)

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HLSC: 4650 - Pathophysiology

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November 1, 2024

**Group Work Contribution Report**

**Project Title: Acute Hemolytic Transfusion Reaction**

**Group Members:**

* Miwa Bello
* Nitika Bhardwaj
* Puja Gurung
* Richa Parekh

**Individual Contribution Summary ( need to be completed by all group members)**

**Member 1: Name: Miwa Bello
Role(s): [Your Role(s) in the Project]**

**1. Tasks Completed**

**Task 1: [Description of Task]** Provide a brief description of what you did for this task, any tools or resources used, and the outcome and how your contributions fit into the overall project.

I took part in brainstorming ideas for our project and case study, working with the team to come up with new ideas on how to execute and present our content. I brought in the recording equipment and shared some ideas on how to film our scripts. I also played the role of the patient in our case study, helping make it more realistic and relatable. Additionally, I researched from credible sources and presented information on treatments for acute hemolytic transfusion reaction in the video. Finally, I gathered the recorded videos and edited them to make sure they met the requirements in our rubric.

 **2. Collaboration & Communication**

**Team Meetings:** Attendance: [Describe your attendance and participation in team meetings.] and Input: [Mention specific ideas or suggestions you contributed during the meetings.]

I attended all group meetings with my team members to brainstorm ideas for our project, meeting three times a week over the course of two weeks. I contributed to our case study script, offering input to ensure it looked and sounded realistic. Additionally, I provided and took editing suggestions from my group members to enhance the overall flow of the project.

**Communication:** Methods Used: [Describe how you communicated with your team (e.g., email, group chat, in-person meetings) and how effective it was.] and Coordination: [Describe how you helped coordinate tasks and ensured the project stayed on track.]

Collaboration and communication were important for our project. We set up a WhatsApp group to share updates and ideas easily. We also booked breakout rooms for focused discussions. A shared Google Doc helped us work together in real time, making it easy to gather our thoughts and resources. Throughout the process, we respected each other's ideas, creating a supportive atmosphere that encouraged teamwork and creativity.

**3. Challenges & Solutions**

**Challenge 1: [Description of Challenge]** Explain how you or your team overcame this challenge.

One challenge our team faced was coordinating schedules and ensuring effective communication among all members. To overcome this, we created a mind map to visualize our ideas and facilitate discussion. We implemented circle talks to foster open dialogue and encourage everyone to share their thoughts. To accommodate everyone’s availability, we regrouped every Wednesday, Thursday, and Saturday adjusting our meeting times as needed. Additionally, we coordinated video timing to optimize our recording sessions, ensuring that everyone was on the same page and contributing effectively.

**4. Reflection**

**What I Learned:** [Reflect on what you learned from this group work experience, including any new skills or insights gained.]

From this group work experience, I learned the importance of effective communication and teamwork. Participating in brainstorming sessions helped me appreciate different perspectives and everyone’s contributions. I improved my time management skills by balancing tasks and meeting deadlines. I also learned to adapt my ideas based on feedback, which enhanced our project. Overall, this experience reinforced how crucial teamwork and open communication are for achieving our goals.

 **Areas for Improvement:** [Identify any areas where you feel you could improve in future group projects.]

In future group projects, I need to get better at planning our timeline for the case study. Making a clearer timeline and plan will help us schedule tasks more effectively. I should also set specific goals to track our progress and communicate deadlines more clearly to the team. Having regular check-ins will keep us on the same page, and creating a backup plan for any delays will help us stay prepared.

**Overall Contribution:** [Summarize your overall contribution to the project and your thoughts on the final outcome.]

I played an important role in the project by joining brainstorming sessions, helping to write our case study script, acting as the patient, and presenting information on treatments for acute hemolytic transfusion reaction. I also brought in recording equipment and suggested edits to improve the final video. My efforts in organizing our timeline and keeping communication open helped us stay on track. Looking at the final outcome, I think we did a great job focusing on each individual’s strength and working together as a team. This approach allowed us to create an educational and creative video that showcases our collective efforts.

**Member 2: Name: Nitika Bhardwaj
Role(s): Primary nurse, physician, diagnostic evaluator, helped with video shooting.**

**1. Tasks Completed**

For this group project. I contributed to content creation, video production, diagnostic evaluation, and played roles as the primary nurse and physician. Lastly, I navigated the kaltura site and uploaded our documents and videos.

I was actively involved in content development for the video presentation. To support this, I used my phone for portions of the video recording, and my peers' phone. I collaborated on Google Docs for research, data sharing, and communication, and used Canva to design case study slides for visual clarity.

My contributions helped streamline the presentation's structure and content flow. It helped ensure that in our video, we conveyed important health information regarding our case in a clear and organized way. This collaborative effort allowed each team member's research to align with our project goals.

As a primary nurse, I played a role in completing the patient assessments, blood product evaluation, receiving orders, starting the transfusion, and doing patient and family education. I helped my group with the video creation ideas regarding the case study and actively engaged in research on our topic of Acute Hemolytic Transfusion Reaction (AHTR).

As a diagnostic evaluator, I researched on the topic of diagnostic evaluation in AHTR through the university library database, online resources, educational videos, and in person interactions with the health care staff. I used scholarly articles to guide my research. I also engaged in conversations in hospital with health care staff asking for resources available on site regarding transfusion reactions. This helped me understand how we can better link our research to our case study and plan our video accordingly.

**2. Collaboration & Communication**

**Team Meetings:** Attendance: [Describe your attendance and participation in team meetings.] and Input: [Mention specific ideas or suggestions you contributed during the meetings.]

For our case study video creation, I met every wednesday, thursday, and sunday in person with my team members. For text communication, I created a whatsapp group as everyone felt comfortable using whatsapp. We all used mainly Whatsapp and text messages for updates and suggestions from each other. To share my ideas and research on the topic, I used google docs. I also booked the simulation lab for our video shooting.

I was actively involved in sharing ideas for our case study, particularly in planning and creating the video. I contributed input on the video's length, topics, and structure to improve its flow and clarity. For example, to improve continuity, I suggested rearranging parts of our voiceovers—placing some segments before the case study and others afterward.

I respectfully received feedback from my peers and worked on my topic and case study. I also respectfully provided feedback to my peers and helped find resources.

**Communication:** Methods Used: [Describe how you communicated with your team (e.g., email, group chat, in-person meetings) and how effective it was.] and Coordination: [Describe how you helped coordinate tasks and ensured the project stayed on track.]

I mainly used text messages and WhatsApp to communicate with my team members. I met six times with my team members to create the project. For the ideas and research of the topic, I used to google doc to share my input and resources. I found the communication between our group very effective. I believe our group shared feedback respectfully. For example, if I had a question about Richa’s research, I would text her directly to ask or suggest ideas, and she would do the same for me.

**Coordination**

We all coordinated well with each other by dividing tasks evenly and checking in regularly to ensure the group project stayed on track. I helped keep our timeline organized by setting reminders for key deadlines and encouraging team members to update and share feedback on the shared Google Doc. This approach kept us aligned, minimized overlapping work, and allowed us to complete the project efficiently.

**3. Challenges & Solutions**

**Challenge 1: Length of the Video**Our video exceeded the required time limit, so we decided to edit and remove some parts to fit within the limit. We also had to redo several voiceovers to ensure they complied with the time restrictions. We all shared our ideas and suggestions with each other during our meetings to complete the video within the time limit.

**Challenge 2: Content Flow**We faced challenges in ensuring a smooth flow between the educational content and the case study. After extensive discussions, we streamlined the video by rearranging voiceovers to align better with the case study. To support this, we created mind maps to brainstorm ideas on content arrangement, which helped improve flow and organization. For example, we used slides for the introduction and conclusion of the video.

**Challenge 3: Schedule**

Initially, making a schedule was challenging due to our busy schedules, as most of us work long shifts at the hospital on weekends. This made it difficult to arrange in-person meetings. But, after much discussion, we were able to agree on suitable times and dates to collaborate effectively with each other. Everyone was understanding of each other's personal and professional responsibilities, and we worked together to achieve our goal.

**4. Reflection**

**What I Learned:** [Reflect on what you learned from this group work experience, including any new skills or insights gained.]

From this group project, I learned that teamwork is essential for completing tasks successfully. I also realized that sharing feedback and understanding each other’s perspectives are important for a project’s success. Also, I gained experience acting in front of the camera, which was challenging during our role play. Regarding the topic of AHTR, I now have a better understanding of its pathophysiology, treatments, signs and symptoms, and diagnostic evaluation.

 **Areas for Improvement:** [Identify any areas where you feel you could improve in future group projects.]

I recognize that I could improve my video editing skills. My knowledge of video editing is limited, and I find it challenging to edit and compile videos. While I am comfortable with other technology, I have not yet learned the specifics of video editing. I did not take on the role of video editor for this project, as another team member with more experience was able to take on this role. For my own growth and to help in future group projects, I aim to develop stronger video editing skills in the future.

I can also improve on creating a more streamlined approach to my research. For this project, I researched multiple articles, spoke with healthcare staff, watched YouTube videos, and explored online databases. This variety of sources led to some confusion regarding the different diagnostic tests we perform. I had to clarify several of these tests with my instructor and team members. In the future, I want to stick to a timeline and focus on one resource at a time, rather than jumping between different studies. This will help me stay organized and enhance my understanding of the material.

**Overall Contribution:** [Summarize your overall contribution to the project and your thoughts on the final outcome.]

My overall contribution to the project was varied. I took on important roles as the primary nurse, physician, and diagnostic evaluator. I was actively involved in content creation and video production. I worked closely with my team to ensure we conveyed important health information clearly and effectively. I conducted thorough research and used various resources to gather relevant information on AHTR. I shared my ideas and received feedback from my peers, which helped create a respectful and productive team environment. Also, I helped coordinate our tasks and manage our timeline. This ensured that we stayed on track and met our deadlines.

Reflecting on the final outcome, I am very proud of our collaborative effort in this group project. We all worked very hard on this project despite our busy schedules with work and study. I believe the skills I developed during this project will be valuable in the future. Overall, this experience reflected the importance of collaboration, communication, and teamwork.

**Member 3: Name: Puja Gurung
Role(s): Secondary ER Nurse, discussed signs and symptoms of Acute Hemolytic Transfusion Reaction (AHTR), assisted with video production, compiled resources and references.**

In our video on Acute Hemolytic Transfusion Reaction (AHTR), I contributed extensively through case study, video production, and reference compilation. Working closely with my team, I focused on enhancing content accuracy and ensuring that the final product met academic standards.

 **1. Tasks completed.**

I contributed to the initial brainstorming and scriptwriting phases, particularly focusing on the signs and symptoms of AHTR. To ensure accuracy, I researched academic sources through TRU Library and Google Scholar, referencing clinical guidelines and peer-reviewed articles. This research supported the accuracy and depth of our script, resulting in a cohesive narrative that aligned with the project’s educational goals.

In the video, I played the secondary ER nurse, actively participating in recording parts. My peers and I used our school's simulation lab, breakout rooms, and personal phones to create a realistic filming environment. My contributions in organizing visual elements and narration added value to our presentation, making the content accessible and engaging.

After our team completed the content, I took the lead in compiling the resources and creating a reference list in accordance with APA 7th edition. With assistance and feedback from the Writing Centre, I ensured that the reference list was accurate and consistent, providing a degree of professionalism that met our project's academic standards.

**2. Collaboration & Communication**

I attended all scheduled team meetings on Wednesdays, Thursdays, and Sundays for the past two weeks. Each meeting focused on different components of the project, such as content creation, video filming, and feedback. I suggested ways to improve the case study's realism, such as including specific symptoms and props. These improvements improved the educational value of our video, making it more informative and realistic.

**Effective Communication and Coordination**

For communication, we utilized WhatsApp for updates, and check ins, Google Docs for collaborative writing and sharing resources, and in-person meetings for planning and filming. This combination of tools enabled smooth collaboration and task alignment. To stay on track, we set deadlines for each meeting and summarized upcoming tasks, and responsibilities. This structured approach enabled us to collaborate successfully while being inclusive, with everyone's contributions being appreciated and acknowledged

 **3. Challenges & Solutions**

Initially, our team found it challenging to narrow down our topic due to the broad range of transfusion reactions. After discussion among group members and instructor, we narrowed our focus on AHTR and used a mind-mapping method to organize essential aspects such as pathophysiology, symptoms, diagnostics, and treatment. This method offered clarity and ensured our script covered all the essential details. Another challenge was that our initial script exceeded the time limit, compelling us to reduce the information. I worked together with my team members to find areas for streamlining while keeping the most important information. This editing procedure enabled us to follow the rubric's standards while maintaining educational quality.

**4. Reflection**

**What I Learned**

This project significantly enhanced my teamwork and communication skills. Collaborating with multimedia resources strengthened my organizational abilities and attention to detail, while also providing a better understanding of AHTR's —its pathophysiology, symptoms, treatments, and diagnostic processes. Acting in front of the camera during our role-play was a new and challenging experience for me, pushing me to be more adaptable and confident in delivering complex information effectively. Overall, this project broadened my skillset and understanding of both the technical and clinical aspects of AHTR.

**Areas for Improvement**

Initially, our topic was too broad, leading to several days spent deciding on a specific focus. Streamlining it to Acute Hemolytic Transfusion Reaction (AHTR) allowed us to concentrate on the most critical points, ultimately saving time and enhancing the content’s relevance and clarity. This experience underlined the need of establishing a clear objective from the outset, which would be prioritized in future projects. Additionally, as someone who is naturally shy, I found the video filming aspect challenging. However, with the encouragement of such supportive and respectful team members, I felt more at ease and able to fully participate.

**5. Overall Contribution**

My contributions were significant in both content and production, from writing and researching signs and symptoms of AHTR to assisting with the final video shoot and references. I believe working with a respectful and supportive team allowed us to utilize each member's strength. This resulted in an engaging final product that effectively communicated the complexities of AHTR while ensuring essential health information was conveyed clearly. I appreciated collaborating with teammates who valued everyone’s input, and created an inclusive environment.

**Member 4: Name: Richa Parekh
Role(s): Family Member, Presenter of pathophysiology of AHTRs, Video editor, Made up the time stamp**

**1. Tasks Completed**

**Task 1: [Family Member]** Provide a brief description of what you did for this task, any tools or resources used, and the outcome and how your contributions fit into the overall project.

I played the role of the patient’s family member in our educational video on AHTRs. This included participating in making scripted dialogues and demonstrating the idea of a concerned family member when their close one is in pain. This helped to bring a somewhat realistic perspective of what could happen during a situation in the hospital enhancing the engagement and relatability of the audience. It also allowed us to bring up family dynamics in critical situations in a healthcare setting, which helped our team to communicate the impact of such events on family members who are not health literates. We used a script, role-play exercises, and one of us took the video.

**[Presenter of pathophysiology of AHTRs]**

I researched and presented on the pathophysiology of AHTRs and covered the immune response involved in the process of an AHTRs. I created a concise and informative explanation of the pathophysiology by using academic videos and journals and photos to visualize the pathophysiology. This enhanced the educational piece of the project as it helps the audience to understand the biological processes behind AHTRs and supports the understanding of this type of reaction.

**[Video editor and time stamp]**

I assisted one of the team members with editing the final video and gave feedback related to the video to ensure smooth transitions of the video, audio clarity, and the appropriate use of information. I created the time stamp by following the guidelines in the assignment outline for easier navigation. The video was well-organized which improved overall quality and viewer comprehension. The video edits and time stamp ensured a polished, professional presentation of the content which will help to keep the audience focused and engaged. A video editing app was used to edit video and word was used for timestamps.

**2. Collaboration & Communication**

**Team Meetings:** Attendance: [Describe your attendance and participation in team meetings.] and Input: [Mention specific ideas or suggestions you contributed during the meetings.]

I attended all scheduled meetings that we decided as a group. They fall on Wednesday, Thursday after classes and Sunday at 10 am for 2 weeks. I made sure to manage our time during meetings and keep on track with the content to be discussed. I actively participated in discussions and gave feedback on project progress and content.

I suggested ideas regarding role play and scripts as well as participating in video graphing when not in the scene.

I explained to my group members the pathophysiology and what I add related to the pathophysiology.

**Communication:** Methods Used: [Describe how you communicated with your team (e.g., email, group chat, in-person meetings) and how effective it was.] and Coordination: [Describe how you helped coordinate tasks and ensured the project stayed on track.]

As a group we used google doc and WhatsApp to communicate any concerns, questions we had, and keep everyone on track. We had a timeline related to each of the tasks assigned for team members. All these were set in the beginning while we were planning the assignment. We chose as a group to participate in making a video rather than a podcast. After classes, I followed up with each of the team members as to how far they are in their tasks and made sure to be available for each of them if they needed help.

**3. Challenges & Solutions**

**Challenge 1: [Maintaining quality and providing adequate content with limited time]** Explain how you or your team overcame this challenge.

The team set focused goals for each meeting with one of the team members taking notes, one documenting meeting minutes, and everyone to discuss main ideas. This allowed us to use our time effectively. We also assigned specific roles to speed up with editing and building concise content and ensured all contributions met the overall project goals. We used methods like circle talks, mind maps to contribute our ideas. This created a respectful and safe environment for us all to share our knowledge and ideas throughout the assignment.

**4. Reflection**

**What I Learned:** [Reflect on what you learned from this group work experience, including any new skills or insights gained.]

I gained a deeper understanding of AHTRs and learned how to present medical information in an accessible way. I learned new skills related to video editing and time stamps. I learned from one of the team members how to structure content to maximize engagement.

 **Areas for Improvement:** [Identify any areas where you feel you could improve in future group projects.]

I could improve on my communication skills as I can get shy at times when it comes to being in front of the camera which can be time consuming.

I could improve on keeping my focus on the topic and not think beyond what is needed.

**Overall Contribution:** [Summarize your overall contribution to the project and your thoughts on the final outcome

My contributions include presenting the pathophysiology and assisting with editing, playing a key role in creating a well-rounded and informative video. Playing the role of a scared family member helped to create a realistic environment in a hospital setting. I am pleased with our team’s effort and feel like we created a valuable resource on AHTRs.