MRAD 285 - Radiographic Applied Skills

Professionalism Reflection Assignment (5% of Professionalism Evaluation)

Topic: Reflecting on Professionalism in Medical Imaging

As a medical imaging student, professionalism is a crucial aspect of your development as a healthcare professional. Reflect on your experiences and observations regarding professionalism in your clinical placements. The Word count for this assignment should be 250-350 words.

Consider the following points:

1. Consider the various aspects of professionalism in medical imaging, such as:
    - Patient interaction and communication
    - Teamwork and interprofessional collaboration
    - Adherence to ethical standards
    - Maintaining patient privacy and confidentiality
    - Time management and punctuality
    - Appearance and personal presentation

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How have you seen these demonstrated in practice?

During my clinical placement 1, I observed and participated in professionalism during and after exams in the medical imaging department. I would communicate with the patient asking for their date of birth and first and last name, confirming the correct body part and what brings them in for the xray. I would communicate with the patient where their pain was and if they were capable to move in certain ways to perform said exam. I would ask the techs behind to help me if needed with moving equipment or positioning the patient if the patient was not capable to move themselves. If the patient asked for a gown or for the curtain to be closed to feel more comfortable I would adhere to their needs to feel most comfortable in the hospital setting. Going over the exam in quick diagnostic speed maintaining my professionalism that the patient would see and hear by asking for extra help if needed, speak in a calm appropriate tone and voice to the patient and staff, asking the patient appropriate questions to help me get the best accurate diagnostic images, and work around the patients' discomfort if they weren't fully able to get comfortable.

2. How do you think professionalism in medical imaging might differ from or align with other healthcare professions?

Other professions may be more interactive and hands on with the patient such as a nurse. Technologist do not stay in the x-ray room "holding" the patient while taking the images. We would work around the patients' abilities such as AP sitting chest instead of having the unstable patient stand and risk them injuring themselves. We adhere ALARA principle to ensure safe radiation practise is taken. In conclusion, professionalism in medical imaging uses the same ethical principles as any other healthcare profession; respect towards the patient and staff and compassion. Medical imaging also has an important role with radiation protection towards the staff and patient unlike other professions.

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Venipuncture lab reflection

During our venipuncture lab I got the chance to observe my classmates perform the full routine for an IV placement and got the chance to participate myself. The purpose of learning the Venipuncture lab is to be able to communicate with the patient and place the IV catheter in the patient's arm. Before setting up the equipment I would wash my hands, put sterile gloves on to protect myself and keep a sterile field. I would then set up all the equipment and prep the arm with the alcohol whip and torniquet. I demonstrated sterile field safety; I focused on inserting the needle with the bevel tip facing up at a 15- 30-degree angle then try to retract the skin to help with the needle guidance inserting into the vein. I encountered a challenge with reducing the bleeding after the catheter was inserted, I also had a harder time placing the needle into the arm properly without having the vein excessively bleed once I kept the catheter in and removed the needle. I practised multiple times in an order that helped me understand the procedure properly and practised how to angle the needle properly with a clean needle removal causing minimum bleeding. The lab helped me understand hand hygiene and gloves are very important while handling blood from patients. It is very important to be aware of the needle's placement on the counter etc. always ensuring to retract the needle and throwing It into the sharps bin to prevent an accidental needle stabbing. My goal Is to perfect vein palpation instead of just looking at the veins and maintaining perfect anchoring techniques to prevent the vein from rolling. I plan to continue to watch videos to understand the proper techniques performed for a venepuncture through videos and practising palpation on family members to improve my skills further.

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Reflective Writing Rubric – how your work will be graded

Criteria	1 Point	2 Points	3 Points
Critical Reflection	Basic understanding of topic	Some reflection, with basic analysis	Deep reflection with thoughtful analysis
Application to Practice	Limited connection to medical imaging practice	Clear connections to medical imaging practice	Insightful application to medical imaging practice
Writing Quality	Basic writing with some clarity issues	Clear writing with minor errors	Well-written, clear, and concise

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