INFC 215 Infection Prevention and Control Reflection #3 – forms part of quiz #3 (15%)

Reflection: Workplace Hazardous Materials Information System (WHMIS)

Reflections are designed to encourage you to think critically about your experiences, apply theoretical knowledge to practical situations, and develop your professional identity as a medical imaging technologist.

Topic: Workplace Hazardous Materials Information System (WHMIS)

1. Why is it important for healthcare workers to understand WHMIS?

2. How might the four main components of WHMIS (Classification, Safety Data Sheets, Labelling, and Worker Education) contribute to a safer work environment in a medical imaging department?

   The Workplace Hazardous Materials Information System is an important part of workplace safety in healthcare because it provides safety information about hazardous products and how to handle them safely. Technologists may work with cleaning chemicals, disinfectants, compressed gases, and contrast. Understanding WHMIS helps healthcare workers recognize potential hazards, use hazardous products correctly, respond safely to emergencies, and protect themselves and others. Following WHMIS guidelines reduces the risk of harm like chemical burns, injuries or/and accidents while maintaining a safe environment. The four main components of WHMIS contribute and play an important role in creating a safe workplace. The first component, Classification, is to identify the type of hazard a product presents, like flammable, corrosive, or toxic. Knowing these classifications helps technologists understand the risks before handling a product and take necessary precautions. The second component is the safety data sheet, which provides detailed information about safe handling, storage, first aid measures, and procedures. In case a spill or exposure happens, you can quickly refer to the SDS for the correct response. The third component is Labelling, which shows standardized symbols, warning statements, and handling instructions, which help people identify hazards immediately and reduce the risk of misuse or improper storage. The final component is Worker Education and training. WHMIS training teaches workers how to recognize hazards, read labels and safety data sheets, and safely use the products. Overall, understanding WHMIS is essential for maintaining a safe medical imaging department. The four components work together to increase hazard awareness, promote safe handling practices, and improve emergency awareness.

Word count: 300-400 words

Reflective Writing Rubric

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