QUAL 370 – Quality Assurance and Control

Discussion Board 2: CR and DR Equipment

(15% of course mark)

Due Date: Refer to Course Schedule

Purpose

Participation in the discussion board forums is essential to successful learning in this online course. These activities are designed to provide you with opportunities to demonstrate your learning in practical ways and to learn from other students in the course. This discussion will allow you to compare the CR and DR equipment used within various healthcare sites.

Expectations

- You are expected to submit at least one original post to the forum.
- You are also expected to review your colleagues' answers and submit your assignment portion in the Assignments tab. Please see Instructions below.
- To show consideration for your fellow students, please ensure that your postings are concise (150 words or less) and relevant to the topic.

Instructions

Create a new post:

1. Review the CR and DR equipment used at your site, if applicable, ensure you include all areas. Answer the following questions.

ii) What types of CR and DR equipment are used at your clinical site? Include the manufacturer. (2 marks)

iii) Select one specific x-ray unit. (2 marks)

1. What is the exposure indicator it uses?
2. What is the relationship of the EI and exposure?

2. Read the posts from your classmates.
   In the chart provided, record the results from 3 different sites. (3 marks)

   Answer the three questions below the chart based on results. (3 marks)

Instructions: After completing the chart and questions, submit this page via the **Assignments tab** to be marked. When saving the file name for submission, please save as:
CR-DR_FirstName_LastName (example: CR-DR_John_Smith.docx)

Site	CR and DR Equipment at Site

Questions:

1. What equipment is the most common?

2. Which manufacturer is the most common?

3. Discuss a rationale for utilizing DR more than CR in a hospital environment.

Grading Criteria	Grade
Accurately described all CR and DR equipment utilized at site	/2
Exposure Indicator type and exposure relationship	/2
Chart	/3
Question 1	/1
Question 2	/1
Question 3	1
Total	/10