

6th Global Meeting on ONCOLOGY AND RADIOLOGY

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The adherence to WHO patient safety checklist in interventional radiology

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Background: The Interventional Radiology (IR) involves procedures with the potential for complications. Human error is an inevitable cause of patient harm. Safety checks are a simple method of reducing the risk of harm using a periprocedural routine to reduce the likelihood of error. According to Royal college of Radiologist "Checklists for radiological procedures are a simple and effective way to help and prevent incidents and incorrect procedures."

Aim: The aim of the audit evaluates the adherence to use and complete the WHO Checklist for procedures done in the interventional radiology department.

Methodology:

First cycle: Retrospective data collection in September 2022 for 200 procedures done between September 2021- September 2022. Issues identified:

- Incomplete checklist.
- No electronic record of checklists Data analysis:
- Percentage of undocumented WHO Checklist: 8%
- Percentage of incomplete checklist : 26%
- Percentage of undocumented and incomplete checklists: 34% Implementing a change:
- Local presentation to Interventional radiology staff about the importance of checklist.

Second cycle: Retrospective data collection after 2 months for procedures done between September 2022 to November 2022. Data analysis:

- Percentage of undocumented WHO Checklist: 9%.
- Percentage of incomplete checklist: 11%.
- Percentage of undocumented and incomplete checklists: 20%.

Conclusion:

- Almost Unchanged percentage of undocumented Checklist.
- Percentage of completing the checklist has improved from 74% to 89%.
- Percentage of documenting and completing the checklist has improved from 66% to 80%.

Biography

Allam Al nawasrah is working as an interventional radiotherapist at Milton Keynes University of Hospital, UK.

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