

NJR recorded untoward intraoperative events during THA  
Causal mechanisms, data accuracy and attributability.

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# Rationale

- Untoward intraoperative events could be viewed as related to the implant which might not be the case.
- This would effect the Beyond Compliance report for the particular implant

# Methods

- Retrospective review
- Trust NJR records were analysed
- Detail analysis of cases with recorded untoward intraoperative events

# Results

- Period 2005 to 2018
- Total 64 out of 12,802 had untoward events recorded (0.5%)
- Out of 64 cases: Untoward events recorded
  - Matched the operation notes in 43 cases
  - Did not match the operation notes in 16 cases
  - Op note could not sourced in 5 cases

# Implant related or not? (n= 43)

- 30 (70%) cases related
- 13 (30%) cases not related
  - 7 cases related to surgical technique
  - 6 cases events attributed to the implants inserted to manage the events

# Conclusion

- All untoward intraoperative events recorded on the NJR form are not implant related
- Assessment of implants based on IOC is unreliable at present
- Regular audit should be carried out to check the accuracy of the data entered on the NJR forms.