

# REAUDIT ON XRAY CONFIRMATION OF NASOGASTRIC TUBE PLACEMENT IN STROKE PATENT INCLUDING APPROPRIATE DOCUMENTATION

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**ABSTRACT NUMBER: 1412**

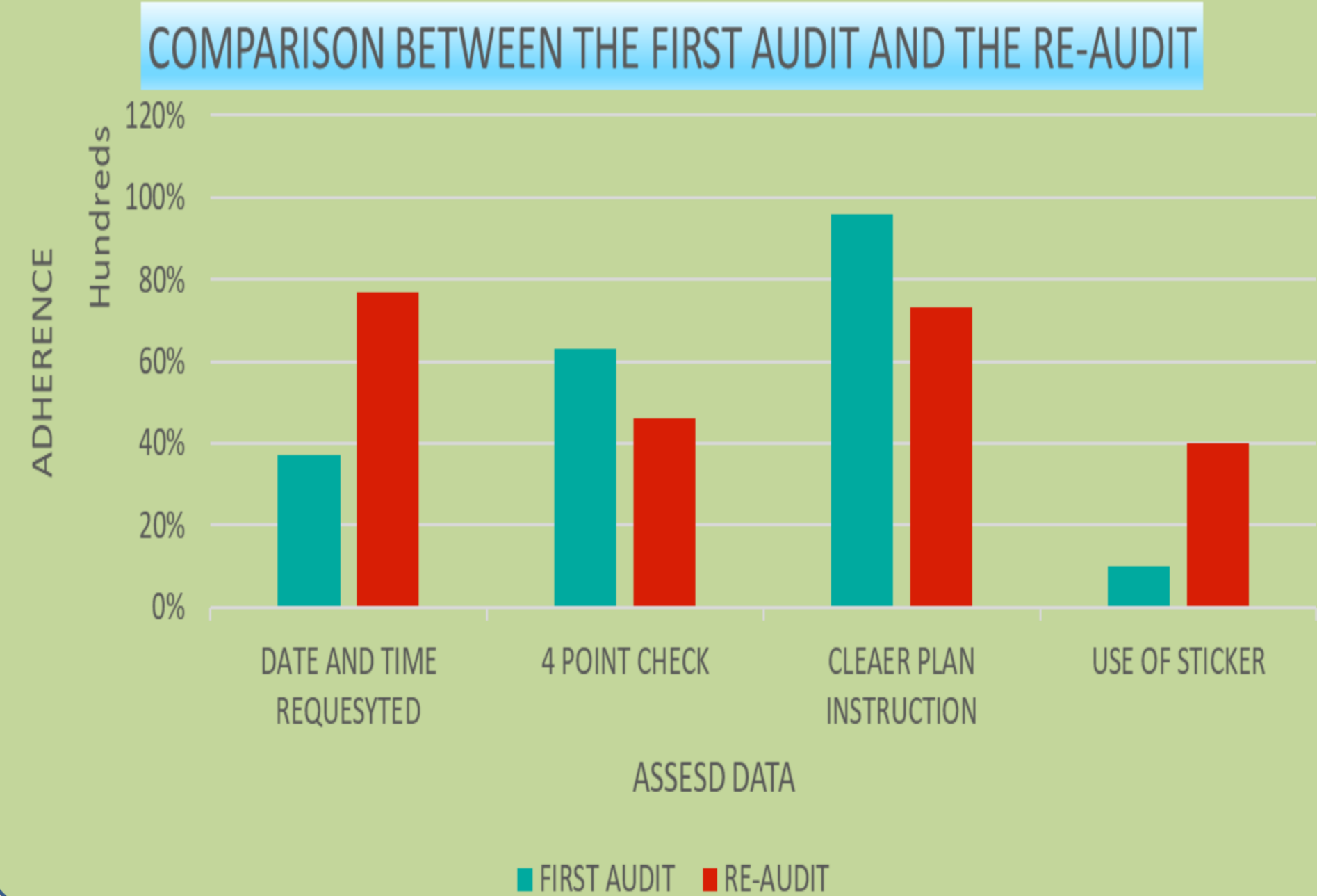
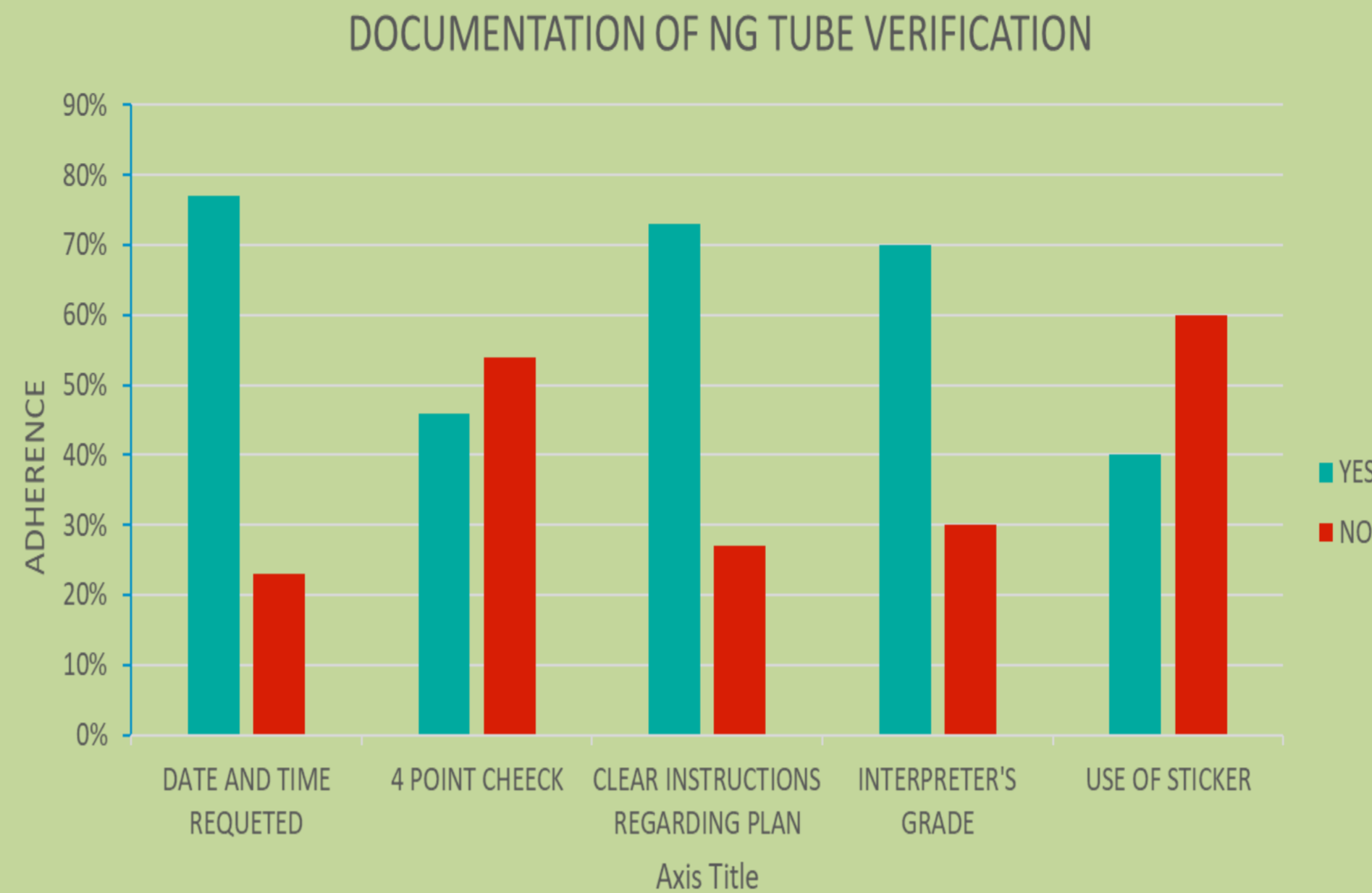
## INTRODUCTION:

Most stroke patients fail the swallowing assessment, hence the need to have NGT. Sometimes, it is impossible to get an aspirate from these NGTs, other times, the pH of the aspirate is quite high. As such times, to confirm NGT position, in line with the National patient safety agency an Xray is used. Recently, incidents in the trust (UHCW) have been documented regarding NGT Xray interpretation, thus the need to undertake this audit

## METHOD:

Patients (n=30) who had NGT in the stroke ward (24th March to 20th June,2022) were reviewed against University of Coventry and Warwickshire Trust guidelines. The following were assessed: date and time Xray was requested, how it was interpreted, clear instructions regarding action, interpreter's grade and use of NGT stickers. Data was analysed using percentages and illustrated with bar charts. These were compared with data from the first audit

## RESULT:



## CONCLUSION:

There was an improvement in documentation of date and time of requested Xray a well use of NG Tube stickers by doctors in the stroke ward, this is in contrast to documentation of the 4 point check and clear plan instructions.

## RECOMMENDATION:

Remind stroke doctors the guidelines of documentation of Xray confirmation of NG Tube placement

To confirm gastric position of the nasogastric tube, ask:

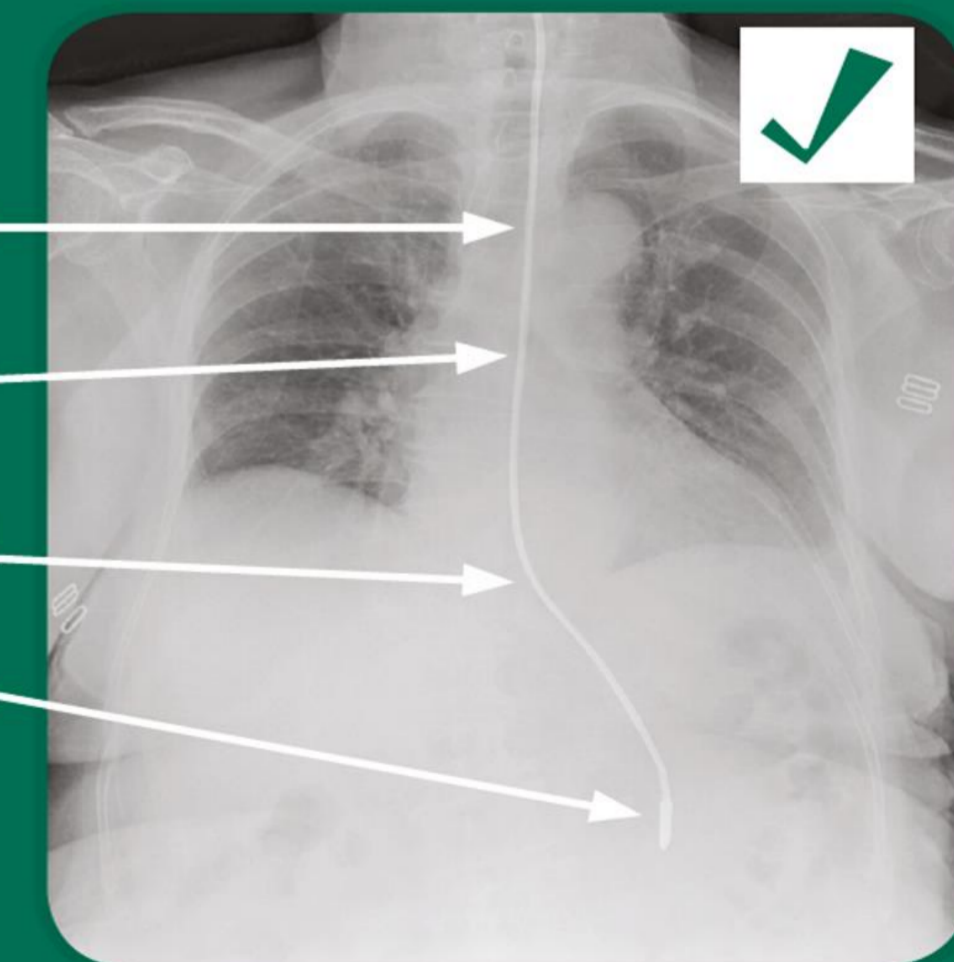
Does the tube path follow the oesophagus/avoid the contours of the bronchi?

Does the tube clearly bisect the carina or the bronchi?

Does it cross the diaphragm in the midline?

Is the tip clearly visible below the left hemi-diaphragm?

Proceed to feed only if all criteria are met. If in any doubt repeat x-ray or call for senior help.



## REFERENCES:

- ❖ Trustwide procedure for the care of adult patients requiring nasogastric tube for fluids, feeding and medication COP 443.
- ❖ National patient safety agency (2011) patient safety alert 002. Reducing the harm caused by misplaced nasogastric feeding tubes in adults, children and infants
- ❖ NPSA (2011) NG tubes : X-ray interpretation Aid
- ❖ Nasogastric Tube Chest X-Ray Reporting at the Royal Surrey County Hospital 2015 by Krishna Anand, Jaffar Al-Sheikhli, Sally Zebari, Mark Strebel