

Reference Number: FOI202324//100
From: MPs
Date: 01 June 2023
Subject: IV administration of antibiotics and use of infusion pumps

Q1 Please find attached a Freedom of Information Request and response template regarding administration sets (pump and gravity) used to infuse IV antibiotics.

A1 [Please see attached document: *FOI 100 Response*](#)

Please provide a response to the questions below in accordance with further detail outlined in the Freedom of Information Request letter titled 'Antibiotic Administration Set Line Flushing'				
Liverpool Heart and Chest Hospital NHS Foundation Trust				
Question No.	Question	Please answer using the drop down boxes where provided or using free text where no drop box is provided.	Additional Comments	Guidance notes for answering question
1a	With regards to administration sets (pump and gravity) used to infuse IV antibiotics, does your institution have a policy to flush the administration set to give the full dose of antibiotics in accordance with guidelines?	no		Please exclude the following areas from your response; paediatrics, oncology and haematology
1b	If yes to question 1a, is your organisation fully compliant with your policy to flush the administration set to give the full dose of antibiotics in accordance with guidelines?	Information not held - as per 1a above		Please exclude the following areas from your response; paediatrics, oncology and haematology
1c	If yes to question 1a, do you follow method 1 or 2 as outlined by the National Infusion and Vascular Access Society (NIVAS) guidance on line flushing 2021?	Information not held - as per 1a above		https://nivas.org.uk/contentimages/main/NIVAS-Infusion-flushing-guidelines-2021-Version-3-2-FINAL.pdf
2a	With regards to administration sets (pump and gravity) used to infuse IV antibiotics, if you do have a policy in place to flush the administration set, have you audited compliance with this policy?	no		Please exclude the following areas from your response; paediatrics, oncology and haematology
2b	Can you share the audit results (if yes, please can you provide a copy)?	Information not held - as per 2a above		Please exclude the following areas from your response; paediatrics, oncology and haematology
3a	What education have you put in place to ensure healthcare professionals in your organisation understand the guidance on flushing administration sets that are used for IV antibiotic infusions?	Information not held - no education put in place for this		Please exclude the following areas from your response; paediatrics, oncology and haematology
3b	What education have you put in place to ensure healthcare professionals in your organisation understand the patient risks involved with failing to flush the residual volume of IV antibiotics in the administration sets?	Information not held - no education put in place for this		Please exclude the following areas from your response; paediatrics, oncology and haematology
3c	What education have you put in place to ensure healthcare professionals in your organisation understand the possible effects of not flushing the IV administration set containing IV antibiotics on antimicrobial resistance?	Information not held - no education put in place for this		Please exclude the following areas from your response; paediatrics, oncology and haematology
4	With regards to administration sets (pump and gravity) used to infuse IV antibiotics, which of the following (if any) are included in your policy with regards to disposing of the administration set and residual volume of either the prescribed antibiotic or flushing solution?			
	4a Complete administration set (including drip chamber with sharp) is disposed of into the yellow bag.	no		Please exclude the following areas from your response; paediatrics, oncology and haematology
	4b Complete administration set (including drip chamber with sharp) is disposed of into the orange bag.	no		Please exclude the following areas from your response; paediatrics, oncology and haematology
	4c Complete administration set (including drip chamber with sharp) is disposed of into the sharps bin.	yes	Most of the time	Please exclude the following areas from your response; paediatrics, oncology and haematology
	4d Drip chamber/sharp are detached from the administration set line and the drip chamber/sharp disposed of in the sharps bin and the rest of the administration set line disposed of in the yellow bag.	yes	Sometimes	Please exclude the following areas from your response; paediatrics, oncology and haematology
	4e Drip chamber/sharp is detached from the administration set line and the drip chamber/sharp disposed of in the sharps bin and the rest of the administration set line disposed of in the orange bag	yes	Sometimes	Please exclude the following areas from your response; paediatrics, oncology and haematology
	4f Other (please state)			Please exclude the following areas from your response; paediatrics, oncology and haematology