**PPNO List Serv Query Summary Part 3**

Last Name First Name Institution Info email

Morris Rebecca Tillsonburg District Memorial Rebecca.morris@tdmh.on.ca

Contact for further information:

Date of Summary: May 28, 2020.

Do you use filtered tubing for Propofol Infusions, and if so, what size of filter do you use?

Abbreviated Question (as it will appear on search results page)

Policy/Procedure x Practice  Program Info  Committee Structure info  Role  Students

Model/Structure  Care Delivery  Collaboration  Regulation/Legislation  Pt. Safety

Quality/Outcome/Indicator  PP Culture/Leadership  Other:

Keyword(s)

Check 1 or 2

Required

for website

archiving

Responses: Please cut and paste responses from emails into the table, save and send summary table to PPNO List Serv. Allow 3 weeks for responses to filter in before sending final version.

| **Responder Info** | **Responses to query** | **Attachment(s)\*** |
| --- | --- | --- |
| **Sherry Campbell RN, BScN, Bach. Ed. (Adult), MScN**  **Clinical Practice Leader Interprofessonal Practice/Critical Care**  **Best Practice Spotlight Organization Lead**  **T. 905.576.8711 ext.33206**  **C. 905.424.8068**  **scampbell01l@lh.ca** |  |  |
| Gaelen Armstrong, RN, BScN  Professional Practice Learning Specialist    Brockville General Hospital  613- 345-5649 ext.1104  https://url2.mailanyone.net/v1/?m=1jY7Mh-000Sar-5s&i=57e1b682&c=5LGs6RA3X4Sgzu5p6DVx9GZivocxEnm5dAfk1\_1LMiMHAd2MHfxq0knJfOrC5d7qnXCvQaogXkywTyaEAK\_dL3Owmu0phtFS7Le5jz8\_etf\_o64wxB0lRfVDEOiqh08-jiHmK9SfSbu0acOtJnLDf6xg7NQWyfjiq2XOH2SO2P42WMRAVmYYgrXPCRZ0QOUFj3sMU1XHK8QSvVPsusV2szZjSE5TzH9QmcQ-gsR2YxE  GArmstrong@brockvillegeneralhospital.ca | We use propofol. We do not use a filter. But we do open the vent on the gtt chamber because of the viscosity. We also change the IV line q12h. |  |
| Kevin Halabecki, BScN, RN  Clinical Nurse Specialist-Trauma: Critical Care & Neurosurgical Services  Thunder Bay Regional Health Sciences Centre  (807) 684-6252  (807) 631-1664  halabeck@tbh.net | We use vented tubing only for propofol infusions. Our baxer pumps use the vented tubing 8419. |  |
| Beavis, Natalie | The Propofol Product Monograph states: “Propofol Injection must not be administered via a microbiological filter”.  At PRHC, we do not use in-line filters to administer Propofol infusions.  Generally, we have noted that drug manuals do not instruct nurses to use in-line filters to administer Propofol infusions. If Propofol glass ampoules are used for IV Direct/Push, some institutions use filter needles to withdraw dose (…it’s thought to reduce administration pain by removing glass particles). However, if filter needles are used, it must be greater than 5-micron because anything smaller may breakdown the emulsion. |  |
| Tasha Vandervliet | We do not use a filter for Propofol Infusions. We do change the tubing every 12 hours to prevent lipid build up though. |  |
| Mary-Lou Albers RN, BScN  Professional Practice and Education Coordinator  Listowel and Wingham Hospitals Alliance | This is what is in our Emergency Drug Manual that was recently updated at the end of April by our pharmacist. It indicates that you do not use filtered tubing for Propofol infusions. |  |
| Sue Bow  Critical Care Educator  Pembroke Regional Hospital  613-732-2811 Ext 6644 | We do not use filters on our Propofol. We use TOH IV manual as our IV reference. It does not say to use one. However, upon review I found the following:  “Do NOT use filters with a pore size less than 5 microns as it may restrict the administration and/or cause the breakdown of the emulsion” |  |
| Vera Heldmann  Clinical Educator  ICU & Medicine  Telephone: 519-621-2333 ext. 5365  Email: vheldmann@cmh.org | So here at CMH, we do not use filtered tubing. Our IV monograph (we buy from the Vancouver Health Authority (VIHA) – does not request this). When I questioned this from our pharmacy I got the below…  Interestingly, although propofol is known to be incompatible with PVC, and leaches DEHP, none of the IV monographs I see refer to the use of DEHP,PVC tubing for administration. My guess is that because the infusion is continuously flowing through the tubing, it has less potential to leach from the tubing. The tubing is typically made of PVC; with propofol being known to adsorb to this material, the 12 hour limit may also help mitigate incompatibility from prolonged contact between propofol and PVC. Aspen's letter further cites a 5-8% reduction in potency when propofol is running in PVC tubing for 2 hours. Up to 35% potency could be lost if the propofol is left stationary in the tubing |  |
| Kelly Verhoeve RN BScN  Manager Professional Development  Professional Practice Facilitator & Accreditation Coordinator  Woodstock Hospital |  |  |
| Lynsi Henrickson RN, BScN, MSc  Professional Practice Leader  Georgian Bay General Hospital  1112 St. Andrew's Drive  Mailing Address  P.O. Box 760  Midland, ON L4R 4P4  (705) 526-1300 ext. 5336  HenricksonL@gbgh.on.ca | We do not use a filter for our propofol infusions. We use the Vancouver Drug Manual for reference. |  |
|  | Our ICU does not use a filter for Propofol. |  |

\*Imbedding Attachments: When in a document, with the cursor in the place where you wish to insert another document as an icon, Go to Insert, choose "Object" (not 'file') choose "Create from File" browse for the file name from your directory, once found, check off "Display as Icon" select "OK” The document Icon now appears in this document where your cursor was positioned. Save the document you are working in and the imbedded icon with the document they relate to attached will also be saved to this document.