

2023 Updated: Legacy Health Filter Recommendations for IV Medication

Medication	Filter Choice		Supporting Information
	Preparation	Administration	
Abatacept (Orencia)	none	0.22 micron ¹	0.2-1.2 micron ¹ Use sterile, non-pyrogenic, low-protein binding filter
Abciximab (Reopro)	0.2 or 5 micron ²	0.22 micron ²	Continuous infusion should be filter either upon admixture (use sterile, non-pyrogenic, low protein-binding 0.2 or 5 micron syringe filter) ² OR Upon administration using an inline, sterile, non-pyrogenic, low protein-binding 0.2 or 0.22 micron filter ²
Amiodarone (Cordarone/Nexterone)	none	0.22 micron for continuous infusion ³ Bolus doses may be given without a filter, due to urgency/emergency.	Filter size not specified in package insert ⁴
Amphotericin B Liposomal (AmBisome, Fungizone)	5 micron (provided by the manufacturer) ⁵	1.2 micron	> 1 micron in-line filter may be used for administration ⁵
Anti-thymocyte globulin (Thymoglobulin)	none	0.22 micron ⁶	Infuse through a 0.22 micron filter into a high-flow vein ⁶
Chemotherapy agents	Closed system transfer device (such as SPIROS)		Use recommended filters for each chemotherapy drug as appropriate See LH Pharmacy Services Chemotherapy Standards link below table
Dextran 40 (LMD)	none	0.22 micron	Filter size not specified in package insert ⁷
Epoprostenol (Veleteri)	none	0.22 micron ⁸	Ambulatory infusion set with an in-line 0.22 micron filter ⁸
Golimumab (Simponi Aria)	none	0.22 micron ⁹	Use an in-line, sterile, non-pyrogenic, low protein binding filter (pore size 0.22 microns or less) ⁹
Infliximab (Remicade)	none	0.22 micron ¹⁰	Use an in-line, sterile, non-pyrogenic, low protein-binding filter (pore size of 1.2 micron or less) ¹⁰
Lipid Emulsion (Intralipid 20%)	none	1.2 micron ¹¹	≥ 1.2 micron ¹¹ Recommended to use filter ¹¹ Liposyn III 10% or 20%: do NOT use filter ¹²
Mannitol (Osmitrol)	none	0.22 micron ¹³	1.2 micron or 0.22 micron ¹³ Administer using a sterile final, in-line filter due to the potential for mannitol crystals to form. ¹³
TPN with lipids (3 in 1 admixture)	none	1.2 micron ¹⁴	Pump tubing set
TPN without lipids	none	0.22 micron ¹⁴	Pump tubing set
Note: Legacy preferred vendors do not require filtration of albumin¹⁵			
Note: Epidural and intrathecal infusion are administered through a filter but are not sent by pharmacy			

References

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4. Amiodarone [package insert]. Deerfield, IL: Baxter; Revised Oct 2018.
5. AmBisome (amphotericin B) liposome for injection. [package insert] Northbrook, IL: Astellas; Revised Aug 2020.
6. Thymoglobulin. [package insert]. Laval, QC: Sanofi; Revised April 2017.
7. 10% LMD in 5% Dextrose Injection, 10% LMD in 0.9% Sodium Chloride Injection. [package insert]. Lake Forest, IL: Hospira. Revised Oct 2018.
8. Veletri (epoprostenol) for Injection. [package insert]. San Francisco, CA: Actelion, August 2022.
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10. Remicade- infliximab injection, powder, lyophilized for solution. [package insert]. Hosham, PA: Janssen Biotech; Revised Oct 2021.
11. Intralipid 20% [package insert]. Deerfield, IL: Baxter; Revised May 2015.
12. Liposyn III [package insert]. Lake Forest, IL: Hospira; 2005.
13. Mannitol IV [package insert]. Lake Forest, IL: Hospira, 2020.
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15. Marion, DW. Albumin solution. In: UpToDate, Post TW (Ed), UpToDate, Waltham, MA. Accessed 10/1/16