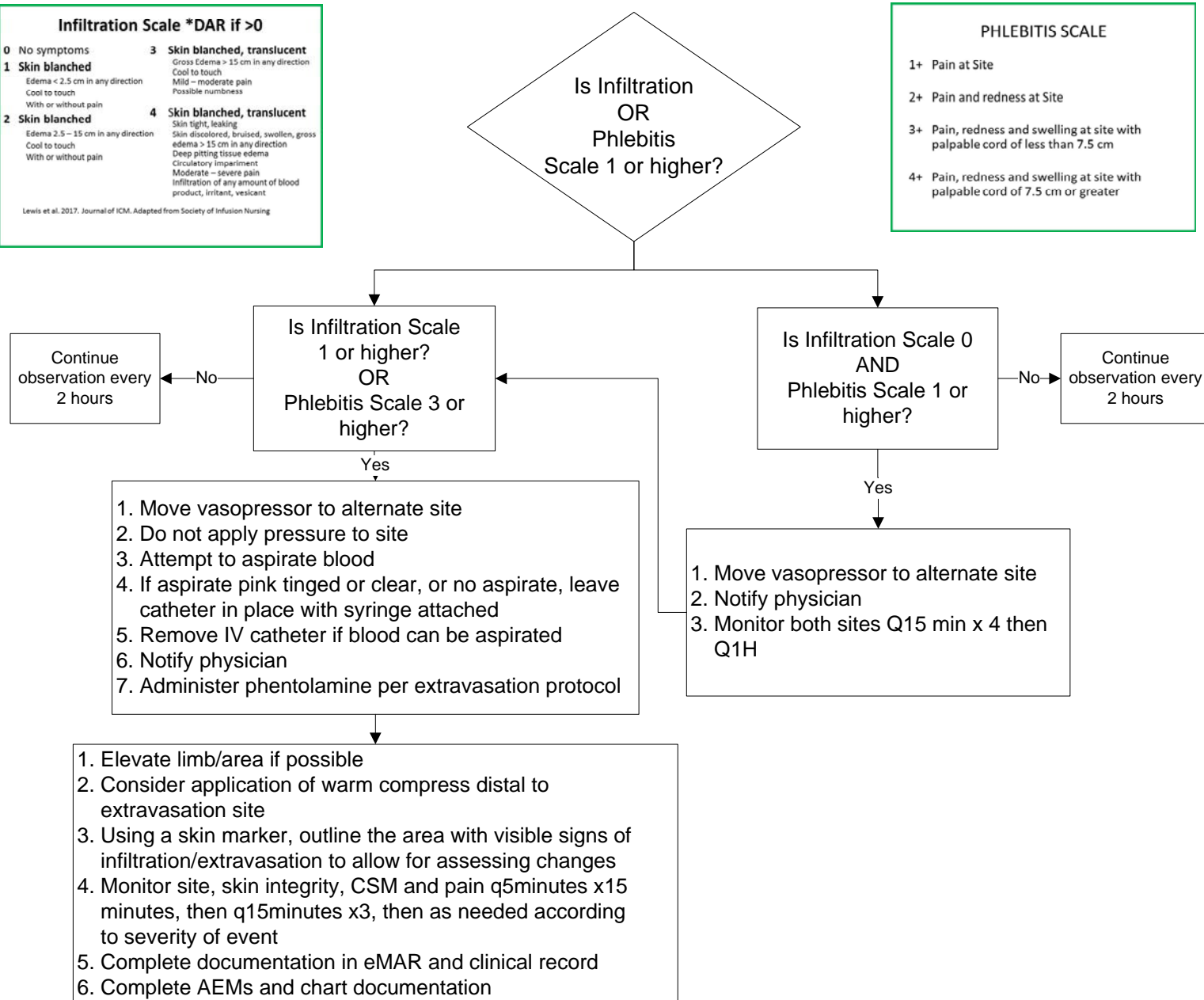


Vasopressor Extravasation Management Protocol (Adults)

Infiltration Scale *DAR if >0	
0 No symptoms	3 Skin blanched, translucent Gross Edema > 15 cm in any direction Cool to touch Mild – moderate pain Possible numbness
1 Skin blanched Edema < 2.5 cm in any direction Cool to touch With or without pain	4 Skin blanched, translucent Skin tight, leaking Skin discolored, bruised, swollen, gross edema > 15 cm in any direction Deep pitting tissue edema Circulatory impairment Moderate – severe pain Infiltration of any amount of blood product, irritant, vesicant
2 Skin blanched Edema 2.5 – 15 cm in any direction Cool to touch With or without pain	

Lewis et al. 2017. Journal of ICM. Adapted from Society of Infusion Nursing

PHLEBITIS SCALE	
1+ Pain at Site	
2+ Pain and redness at Site	
3+ Pain, redness and swelling at site with palpable cord of less than 7.5 cm	
4+ Pain, redness and swelling at site with palpable cord of 7.5 cm or greater	



Phentolamine Administration by Physician

1. Ensure vasopressors are infusing in an alternate site with adequate BP support
2. Anticipate need for increased vasopressor therapy and/or volume therapy
3. Cleanse site with Chlorhexidine 2% / Ethanol 70% prior to subcutaneous injection. Allow 30-45 seconds to dry
4. Dilute 10mg Phentolamine in 8mL Sodium Chloride 0.9% (total volume = 10 mL)
5. If no blood return, administer 1-2 mL phentolamine solution into interstitial catheter, then remove catheter
6. Inject remainder of phentolamine intradermally into area of extravasation using a 25 gauge or smaller needle
7. Blanching should reverse within 7-10 minutes. May repeat treatment once as required if hypoperfusion still present or vasoconstriction extending to greater area

Abbreviations:

- DAR:** Data, Action, Response
CSM: Circulation, sensation, movement
eMAR: electronic medication administration record
AEMs: Adverse event management system

Approved by: Drugs and Therapeutics Committee
Date: Tuesday, February 5, 2019

References

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