

DAILY EVALUATION

Does the patient still need the IV device?

(Consider can the antibiotic or other medicine(s) now switch to oral or alternative route)
(Consider has the device been used in the last 24 hours, or unlikely to be used in the next 24 hours?)⁷

NO

Remove the device and observe site for 48 hours post removal

YES

Assessment decision tool for evaluation of vascular access device (VAD) ^{8,9}

1. Are there problems with the functioning of the device?
(Consider missed doses, ease of flushing, occlusion)

YES

NO

2. Are there any complications present?
(Any signs of VAD related infection; pain score $\geq 2/10$ ⁷; leakage; infiltration; thrombosis; extravasation; change in VIP score)

YES

NO

3. Dressing and securement are there complications present?
(Signs of dislodgement; is the dressing intact; is the device secure?)

YES

NO

If 'YES' to any of these

1. Refer to local policies on management of the VAD.
2. Consider whether identified complication implies failure of the VAD or need to remove it.
3. Evaluate if the VAD is still appropriate. If not reapply the VHP Decision Tool

If 'NO' to all of these

Has any new clinical information evolved that might affect the appropriateness of VAD for this patient?

Has the patient's condition changed requiring alternate IV therapy?

YES

NO

Continue to use current device according to local policy. Regularly assess for complications and re-evaluate the on-going need for the VAD on a daily basis ^{8,9} /or more frequently as required.

Document Decision

⁷Ray-Barruel et al (2018)

⁸Loverday et al (2014)

⁹RCN (2016)