

LEGACY HEALTH

ARTESUNATE PROCEDURES FOR PROCUREMENT

PROCEDURE:

1. **Check stock at LEMC and ensure drug procurement procedure in 3a-b is completed.** LGS, LMH, LMP, LSC, and LSH are expected to borrow initial doses from LEMC while waiting for their shipment from the distributor.
2. Drug Procurement:
 - a. Hospital Stock
 - 1) Contact drug distributors for an emergency drop shipment of artesunate BEFORE placing/verifying order in EPIC to ensure supply arrives on time to continue drug administration as scheduled, especially for patients weighing > 90kg (see 3b below for procedure). Expected turnaround time is 24 hours **if ordered before 1500 from McKesson MPB (preferred).**
 - 2) LEMC will stock 6 vials (each vial is 110mg) to supply drug for at least the 0 hour and 12-hour doses for a critically ill patient weighing up to 137kg.
 - 3) Evaluate patient dose and current LEMC stock:

Patient Weight	Vials Needed for 0, 12, and 24 hour doses	Recommendation
< 90 kg	Up to 2 vials <i>per dose</i> , up to 6 vials needed in 24 hours	Start at time of ID attending order
90-137 kg	Up to 3 vials <i>per dose</i> , up to 9 vials needed in 24 hours	If ordered before 1500 and drug distributors confirm 24-hour delivery, start at time of ID attending ordering If ordered after 1500 , bridge with PO treatment, start artesunate doses when delivery is confirmed 24 hours out
> 137 kg or other situation requiring more vials (i.e., multiple patients)	4 or more vials needed <i>per dose</i> , more than 9 vials needed in 24 hours	Calculate vial requirements per dose and for 24 hours, bridge with PO treatment, start artesunate doses when delivery is confirmed 12 hours out

- b. Procedures for ordering artesunate:
 - 1) FDA-approved artesunate is available for purchase from specialty pharmacies of the major drug distributors: McKesson, Cardinal, and AmerisourceBergen.
 - 2) The purchaser or hospital pharmacist should contact the drug distributors listed on the [AMIVAS website](#) (start with McKesson, preferred for Legacy) to request an EMERGENCY procurement of artesunate for injection. **Make sure to emphasize that this is an **emergency procurement** for a critically ill patient.*
 - 3) If unable to arrange timely procurement (within 24 hours) or unable to reach a contact at the distributors, the pharmacist should call 855-5AMIVAS. If you leave a voice message at this number, your message will be returned within 30 minutes of your call. Pharmacist will determine number of vials needed to supply doses for patient through the end of the next business day PLUS replenish the central pharmacy supply (maintain par level of three 2-vial kits = 6 vials total).
 - a) For example, it is the Saturday of a long weekend with Monday as a holiday. Your 80 kg patient used two vials for time 0 hours and time 12 hours on Saturday. The pharmacist will need to order two vials for time 24 hours for Sunday, two vials for dose on Monday, and two vials for dose on Tuesday PLUS four vials to bring central pharmacy stock back up to par (total of 10 vials).
 - 4) An authorized technician with purchasing privileges may place orders with McKesson for artesunate during business hours.
 - 5) If after hours or on the weekend/holiday, the pharmacist will place an order via phone with McKesson. If McKesson does not have enough supply or unable to ship in a timely manner, refer to item #2 for alternate distributors.
 - 6) To order through McKesson, call 1-877-625-2566 and use WAC account 078977. Ask to label the purchase order (PO) as such: EMH(*insert date MMDDYY*)MPB.
 - 7) Please contact the administrator on call (AOC) for approval to loan supply to another institution. If we loan out drug, we need to replenish our stock as described above as soon as possible.

References: [Artesunate for Injection | by Amivas \(US\), LLC \(ivartesunate.com\)](#)
[CDC website: Intravenous Artesunate for Treatment of Severe Malaria in the United States](#)
[Artesunate Package Insert](#)