



January 5, 2019

British Anti-Lewisite on Back Order

British Anti-Lewisite (BAL) is the only chelator approved by Health Canada for the treatment of acute lead, mercury and arsenic poisonings. The Ontario Poison Centre has become aware that British Anti-Lewisite (BAL) is on back order. It is expected that this antidote (chelator) may be available by mid to late January 2019. Currently, there are no alternatives approved by Health Canada. In light of the fact that the Ontario Poison Centre suggests that every Emergency Department have a chelator in their antidote stocks for these indications, and in light of the fact that supplies may be limited or past expiry, the poison centre recommends that hospital pharmacies keep expired stock for use until new stock is available. Should a patient with acute heavy metal poisoning present to hospital, BAL might potentially be borrowed from surrounding hospitals at that time. As always, chelation for treatment of acute heavy metal poisonings should be started in consultation with the Ontario Poison Centre.

As an alternative, the Ontario Poison Centre, suggests that individual hospital pharmacies or those with antidote sharing agreements procure DMPS (2,3-dimercapto-1-propane sulfate) from Health Canada Special Access Program (SAP) for "Future Use". The Ontario Poison Centre is aware that Health Canada SAP has approved this medication in the past. As BAL is formulated in peanut oil, it would be contraindicated in the setting of peanut allergy. Each hospital should have available for immediate use a chelator that can be given to the encephalopathic (seizing) or vomiting patient consequential to their heavy metal poisoning. DMPS would meet this need and replace BAL in times of shortage as well. Please see materials on the OPC website to assist in one's application for this product.

DMSA (dimercaptosuccinic acid) or Succimer®/Chemet® has been approved by Health Canada for specific patients through the Special Access Program. This is a valuable chelator for the same indications when the patient is not acutely ill as it can be given orally and may be recommended in the future in consultation with the Poison Centre. Health Canada has not approved DMSA "For Future Use". DMSA cannot act as a substitute for expired or short stocked BAL because of this.

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