



**STATE OF
OHIO**
BOARD OF PHARMACY

Resolutions – August 2022

1) Naloxone for Emergency Use (MetroHealth / ADAMHS Board of Cuyahoga County)*

Thank you for contacting the State of Ohio Board of Pharmacy regarding the use of naloxone for emergency use to be installed at public parks in Cuyahoga County. After a review of your proposal and all supporting research, the Board finds it permissible to deploy naloxone for emergency use in accordance with the following standards:

- Naloxone for emergency use shall be maintained in insulated boxes that protects the medication from moisture.
- Excursions for naloxone stored for emergency use shall be permitted between 39°F – 101°F.
- Naloxone shall be replaced if it has experienced temperatures below -5°F or over 104°F for more than 48 hours.
- Where applicable, the naloxone should be stored in a shaded area of the park.
- Each box shall utilize a device or time temperature indicator (for an example, please see: <https://multimedia.3m.com/mws/media/2155060/3mtm-monitormarktm-time-temperature-indicators-brochure.pdf>)
- Each box shall prominently display the following warning on the box that includes all the following elements:
 - Naloxone freezes at temperatures below 5°F (-15°C).
 - If this happens, the device will not spray.
 - If naloxone is frozen and is needed in an emergency, do NOT wait for the naloxone to thaw. Get emergency medical help right away.

**This approval was authorized by the Board President pursuant to resolution R-2022-0128 on 7/24/22.*

Studies utilized to authorize the proposal:

- [Effect of Extreme Temperature on Naloxone Nasal Spray Dispensing Device Performance - PubMed \(nih.gov\)](#)
- [The effects of heat and freeze-thaw cycling on naloxone stability | Harm Reduction Journal | Full Text \(biomedcentral.com\)](#)
- [Effect of Extreme Temperature on Naloxone Nasal Spray Dispensing Device Performance | Prehospital and Disaster Medicine | Cambridge Core](#)

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