



STATE OF MICHIGAN
DEPARTMENT OF COMMUNITY HEALTH
LANSING

RICK SNYDER
GOVERNOR

NICK LYON
DIRECTOR

MEMORANDUM

DATE: October 31, 2014

TO: Medical Control Authorities

FROM: Maria Willoughby-Byrwa MCA/EMSC Coordinator
EMS/Trauma Systems Section

SUBJECT: MI-MEDIC Pediatric Dosing Tool Release

The EMS and Trauma Systems section is releasing the Michigan Medication Emergency Dosing and Intervention Cards (MI-MEDIC). These cards are being provided by the *Michigan EMS for Children Program*. The use of these cards is recommended by MDCH and will be a required piece of equipment on each licensed ALS vehicle in Michigan. Education prior to the use of the cards is required in order for proper understanding and use. Online tutorials have been created and made available for free. Online education module completion by each provider will be tracked by the Department.

The cards were created after several study findings in Michigan revealed significant medication dosing errors in the pediatric patient, even with the use of standard dosing tools such as the Broselow Tape or PediWheel. The cards were developed to assist the Paramedic in pediatric medication administration in order to prevent medication errors. A study using the cards vs. the Broselow tape revealed a 73% decrease in medication errors when performed on a written test.

With funding assistance from the Office of Public Health Preparedness, each licensed ALS vehicle, Hospital and EMS Education program in the state of Michigan will be provided a set of the cards on a vinyl, tear proof, fluid resistant, washable cardstock. Additional cards will be available for individual purchase if desired. The cards will be available for approximately \$10 per set. To obtain a copy of the cards, please contact the printing services below:

Brian Danley
Office Max #0885
(616) 293-0519
Ods06529cpc@officedepot.com

To access the free online education modules required on how to properly use the cards, please visit:
www.AmericanCME.com .

If you have any questions, please contact Maria Willoughby-Byrwa at (517) 335-5860 or Willoughby-ByrwaM@michigan.gov.

Attachments:
MI-MEDIC pdf
Education Instruction Sheet
MI-MEDIC protocol