

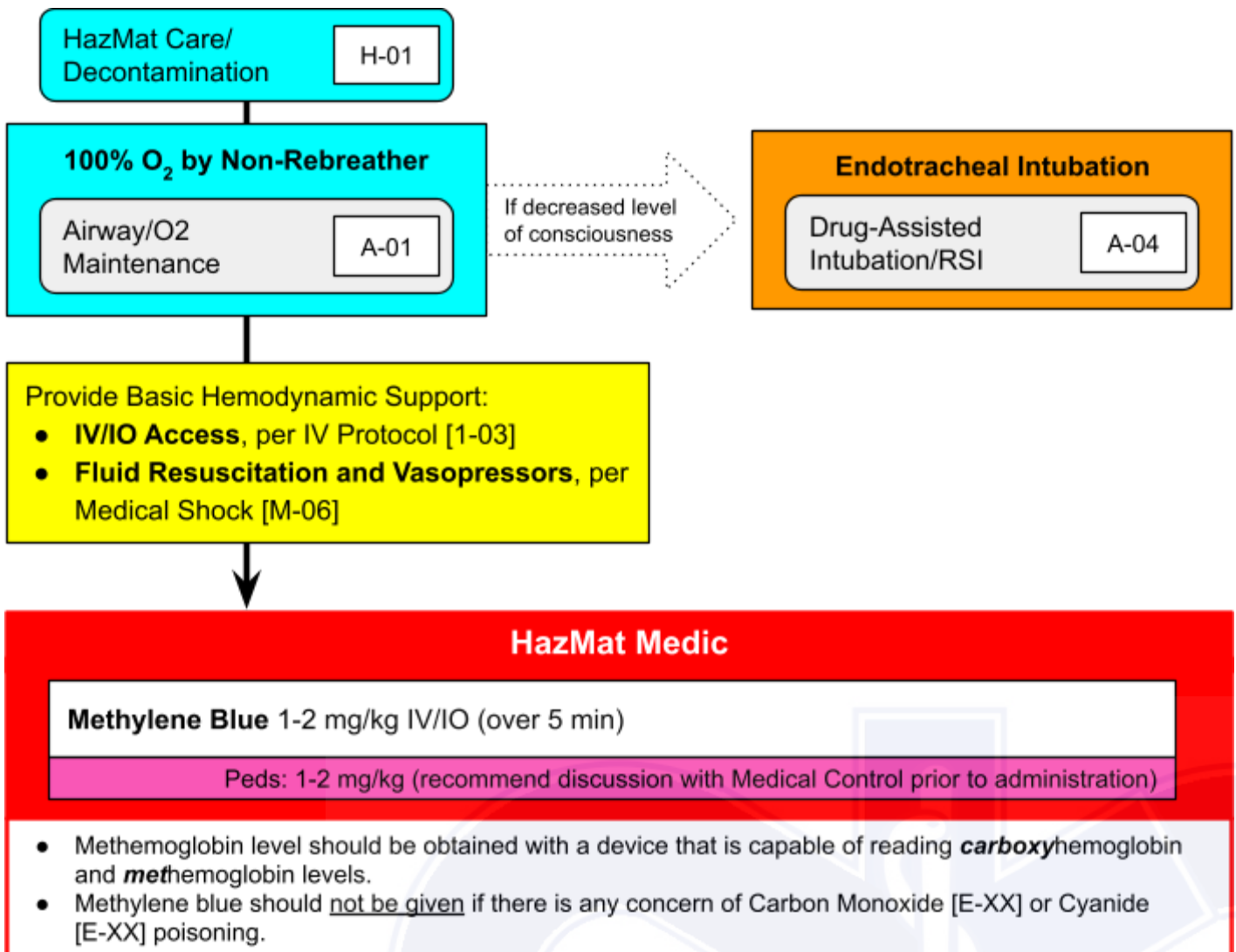
H-08
METHEMOGLOBIN
FORMERS

First Responder
EMT
AEMT
Paramedic

Examples: Aniline dyes, nitrites, nitrates, nitrobenzene & nitrogen dioxide

Indication for concern/treatment:

- Possible exposure → commonly found in fertilizers, paints, inks & dyes) AND
- Evidence of methemoglobinemia:
 - “Chocolate Brown” blood on exam
 - Methemoglobinemia on co-oximetry



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METHEMOGLOBIN
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KEY POINTS:

- Changes hemoglobin into a non-oxygen carrying compound, methemoglobin.
- Pulse oximetry will indicate an inaccurately low reading due to the opaqueness of the compound.
- Pulse oximetry should be obtained with a device that has the ability to read carboxyhemoglobin and methemoglobin levels
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NOTE: Poison Control may be contacted [1-800-222-1222] for **INFORMATION ONLY**. Treatment modalities must utilize these guidelines, or may be received received through online Medical Control.