| Shared health <br> Soins communs <br> Manitoba | FO5 - EYE TRAUMA |  |
| :---: | :---: | :---: |
|  | All ages | TRAUMA |
|  | Version date: 2023-08-06 |  | Effective date: 2023-12-19 (0700) |



## INDICATIONS

- Blunt or penetrating eye trauma


## CONTRAINDICATIONS

- Not applicable


## NOTES

1. Open globe injuries may result from blunt as well as penetrating eye trauma.

If there is any suspicion of open globe injury, do not place anything in the eye (do not irrigate) or apply direct pressure. Do not administer intranasal fentanyl on the side of the open globe injury as it may back up into the eye through the nasolacrimal duct.
2. Open globe injuries can cause nausea and vomiting. The act of vomiting can cause substantial increases in intraocular pressure.

## 3. EYE IRRIGATION:

a. Consider providing topical or systemic analgesia prior to irrigation.
b. For chemical eye injuries, irrigate with at least 1000 ml sterile $0.9 \%$ saline solution per injured eye.
c. Do not apply a Morgan lens (figure A) with alkali or caustic chemical eye injuries. Nasal cannulae (appendix B) taped to the patient's forehead can be used to irrigate one or both eyes.

## LINKS

M12-TETRACAINE

| APPROVED BY |  |
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| EMS Medical Director | EMS Associate Medical Director |

## VERSION CHANGES (refer to X06 for change tracking)

- Identifier legend at bottom of flow chart replaces work scope statement in header

FIGURE A: IRRIGATION WITH A MORGAN LENS


FIGURE B:
IMPROVISED IRRIGATION WITH NASAL PRONGS


