

**CLS**  
**TCCC**

**COMBAT**  
**LIFESAVER**



# TACTICAL COMBAT CASUALTY CARE COURSE

## MODULE 13: EYE INJURIES



Committee on  
Tactical Combat  
Casualty Care  
(CoTCCC)

**TCCC TIER 1**  
All Service Members


**TCCC TIER 2**  
Combat Lifesaver

**TCCC TIER 3**  
Combat Medic/Corpsman

**TCCC TIER 4**  
Combat Paramedic/Provider

## ROLE 1 CARE

### NONMEDICAL PERSONNEL



**ALL SERVICE  
MEMBERS**  
ASM




**COMBAT  
LIFESAVER**  
CLS

### MEDICAL PERSONNEL



**COMBAT  
MEDIC/  
CORPSMAN**  
CMC



**COMBAT  
PARAMEDIC/  
PROVIDER**  
CPP

◀ **YOU ARE HERE**

STANDARDIZED JOINT CURRICULUM

# TERMINAL LEARNING OBJECTIVE

**14** Given a combat or noncombat scenario, perform assessment and initial treatment of penetrating eye trauma during Tactical Field Care in accordance with CoTCCC Guidelines

● **71** Identify basic care of an eye injury in accordance with CoTCCC Guidelines

● **72** Demonstrate the application of a rigid eye shield to a trauma casualty in Tactical Field Care

## 2 ENABLING LEARNING OBJECTIVES (ELOs)

● = Cognitive ELOs ● = Performance ELOs

# Three PHASES of TCCC

## 1 CARE UNDER FIRE

RETURN FIRE  
AND TAKE COVER

Quick decision-making:

- Consider scene safety
- Identify and control life-threatening bleeding
- Move casualty to safety

## 2 TACTICAL FIELD CARE

COVER AND  
CONCEALMENT

Basic management plan:

- Maintain tactical situational awareness
- Triage casualties as required
- Conduct MARCH PAWS assessment



YOU ARE HERE

## 3 TACTICAL EVACUATION CARE

More deliberate assessment and treatment of unrecognized life-threatening injuries

- Pre-evacuation procedures
- Continuation of documentation

NOTE: This is covered in more advanced TCCC training!



## DURING LIFE-THREATENING

- M** MASSIVE BLEEDING #1 Priority
- A** AIRWAY
- R** RESPIRATION (*breathing*)
- C** CIRCULATION
- H** HYPOTHERMIA/  
HEAD INJURIES

## AFTER LIFE-THREATENING

- P** PAIN
- A** ANTIBIOTICS
- W** WOUNDS
- S** SPLINTING

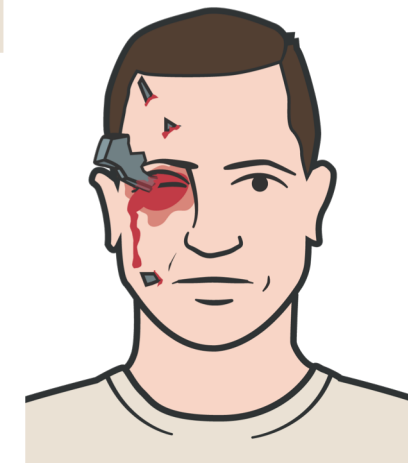
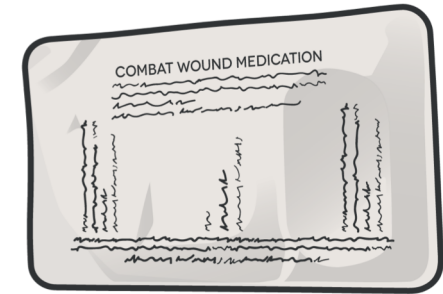
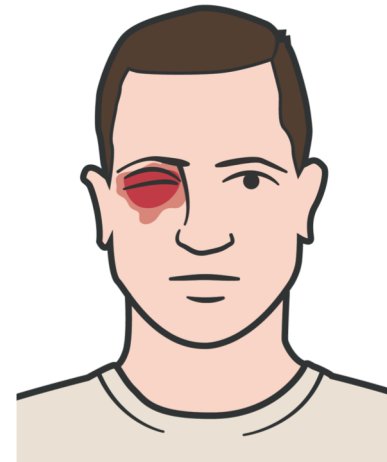
# EYE INJURIES OVERVIEW



Video can be found on [DeployedMedicine.com](http://DeployedMedicine.com)

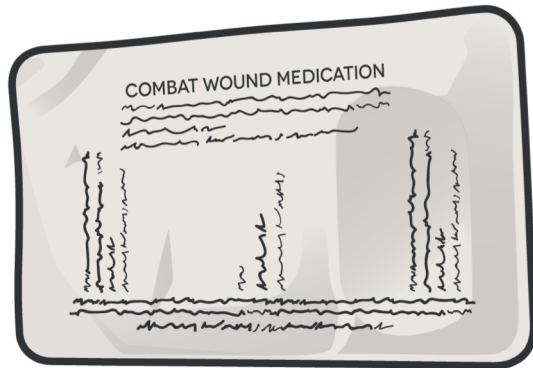
# WHEN TO SUSPECT A PENETRATING EYE INJURY

- 1 **Bleeding surrounding the eye, inside the eyeball; or coming from the eyeball**
- 2 **Obvious penetration of shrapnel or debris into the eyeball or eye socket**
- 3 **Protruding objects from the globe of the eyeball**
- 4 **Swelling or lacerations of the globe of the eyeball**
- 5 **Protrusion of the globe of the eyeball from the eye socket**
- 6 **Reduced vision and swelling of the eye area**
- 7 **Misshapen or distorted parts of the eye**



# IF A **PENETRATING EYE INJURY** IS NOTED OR SUSPECTED

- 1 Perform a rapid field test of visual acuity and document findings
- 2 Cover the affected eye with a rigid eye shield (**NOT a pressure patch**)
- 3 Administer the casualty's complete Combat Wound Medication Pack (CWMP), all the medications contained

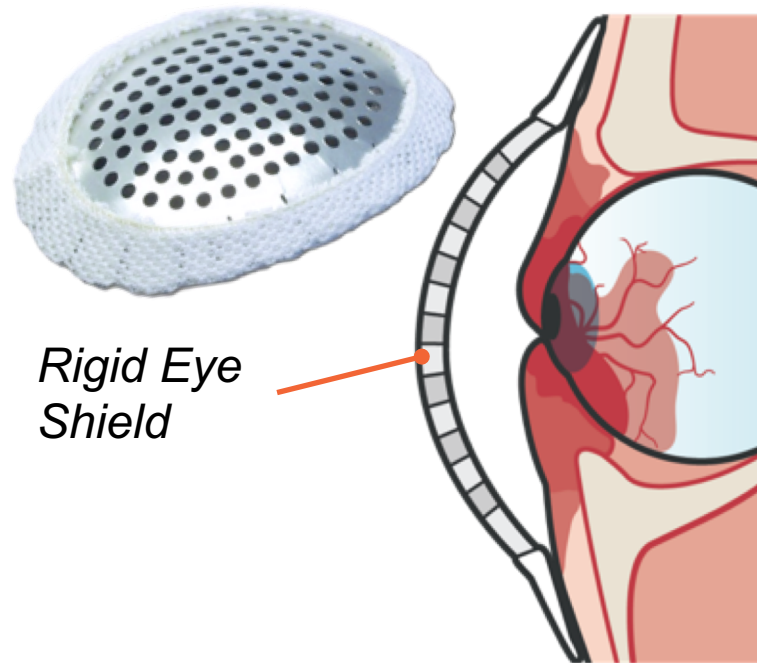
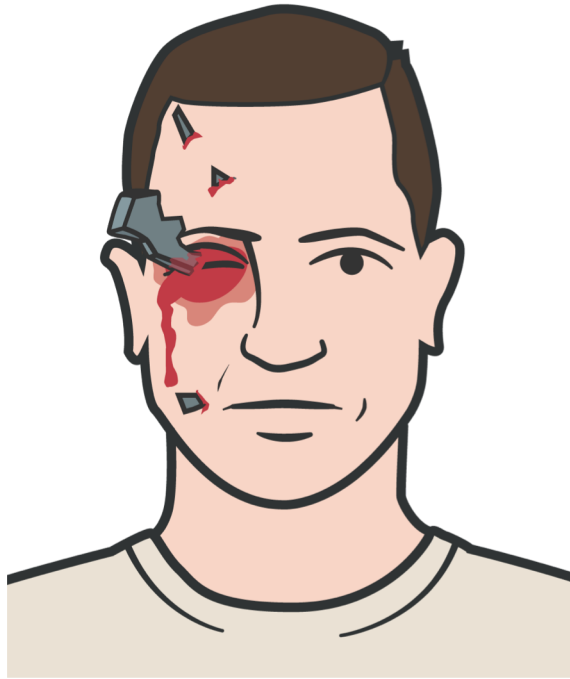


## Remember:

All treatments performed must be documented in the casualty's DD Form 1380



# PROTECTING THE EYE



*Rigid Eye Shield*

## Apply a rigid eye shield

When penetrating eye trauma due to shrapnel is suspected, it is critically important to prevent manipulation or additional trauma to the eye that might cause further damage to the eye



**IMPORTANT!**  
**DO NOT APPLY PRESSURE**

Avoid/prevent manipulation or additional trauma to the eye that might cause further damage

Pressure on the eye could force the interior contents of the eye out of the eyeball through a cut or laceration

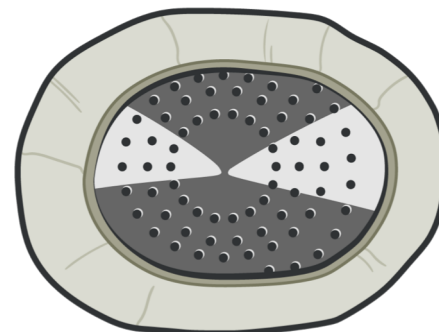
# APPLYING RIGID EYE SHIELD



The rigid eye shield is found in JFAK; if eye shield is not available, use casualty's tactical eyewear to protect the injured eye

Secure the rigid eye shield with tape at 45-degree angles across the forehead and cheek

Do **NOT** cover both eyes unless both eyes are injured

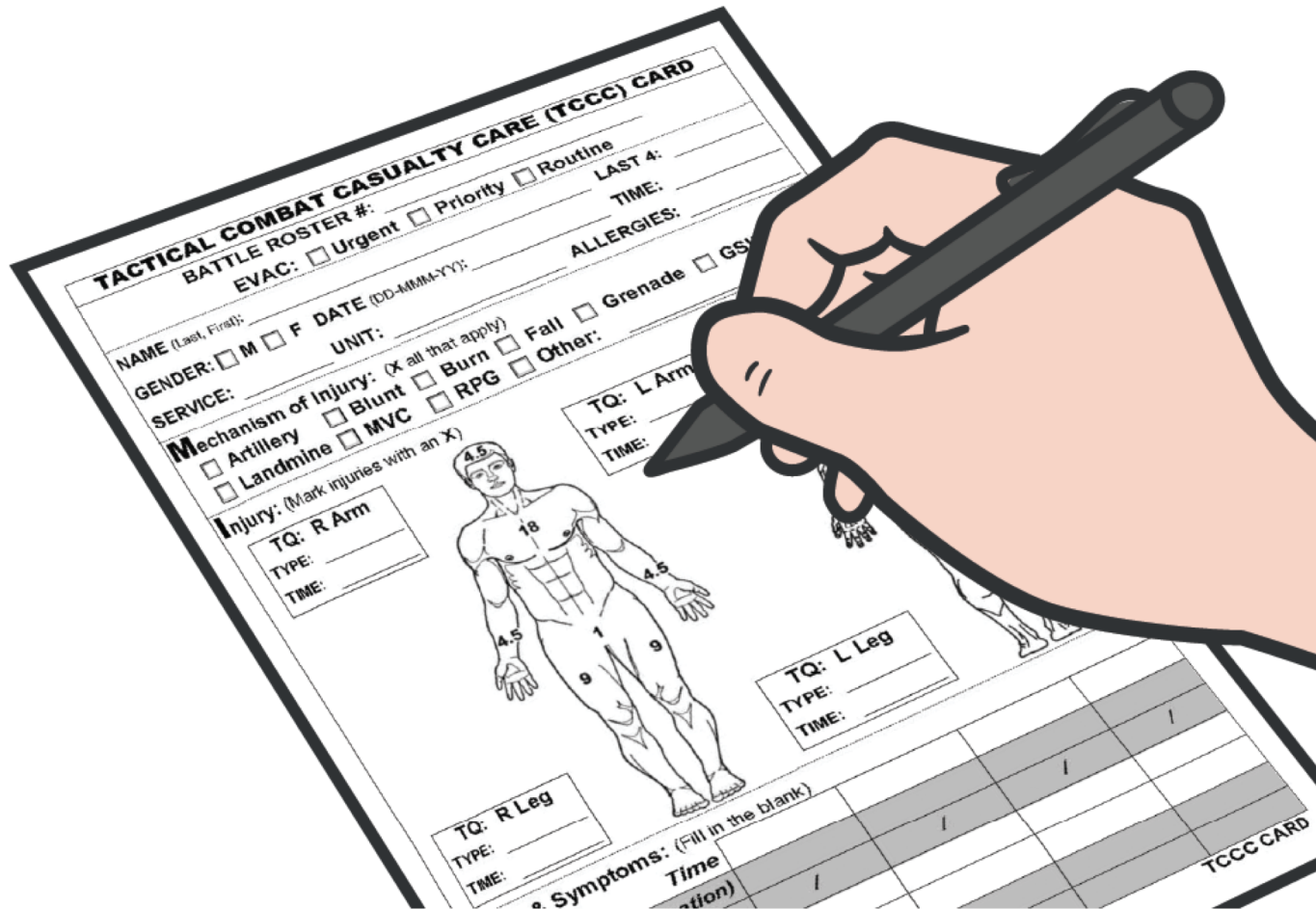


## REMEMBER

Rigid eye shields should be placed over both eyes only when you are sure or at least strongly suspect that both eyes have been injured

If the casualty is conscious, ensure administration of the complete CWMP

# DOCUMENT TREATMENT



- Document all assessments and treatment on the **DD Form 1380**
- Be sure to include any medications administered and the time administered



# APPLYING THE RIGID EYE SHIELD



Video can be found on [DeployedMedicine.com](http://DeployedMedicine.com)

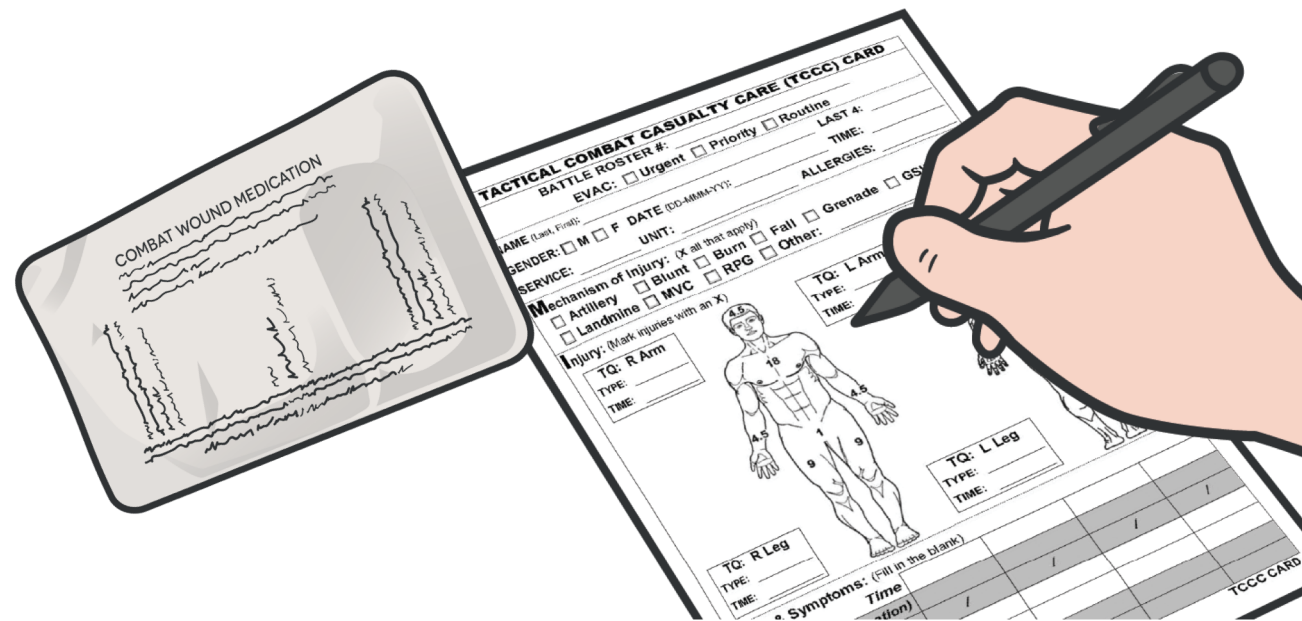
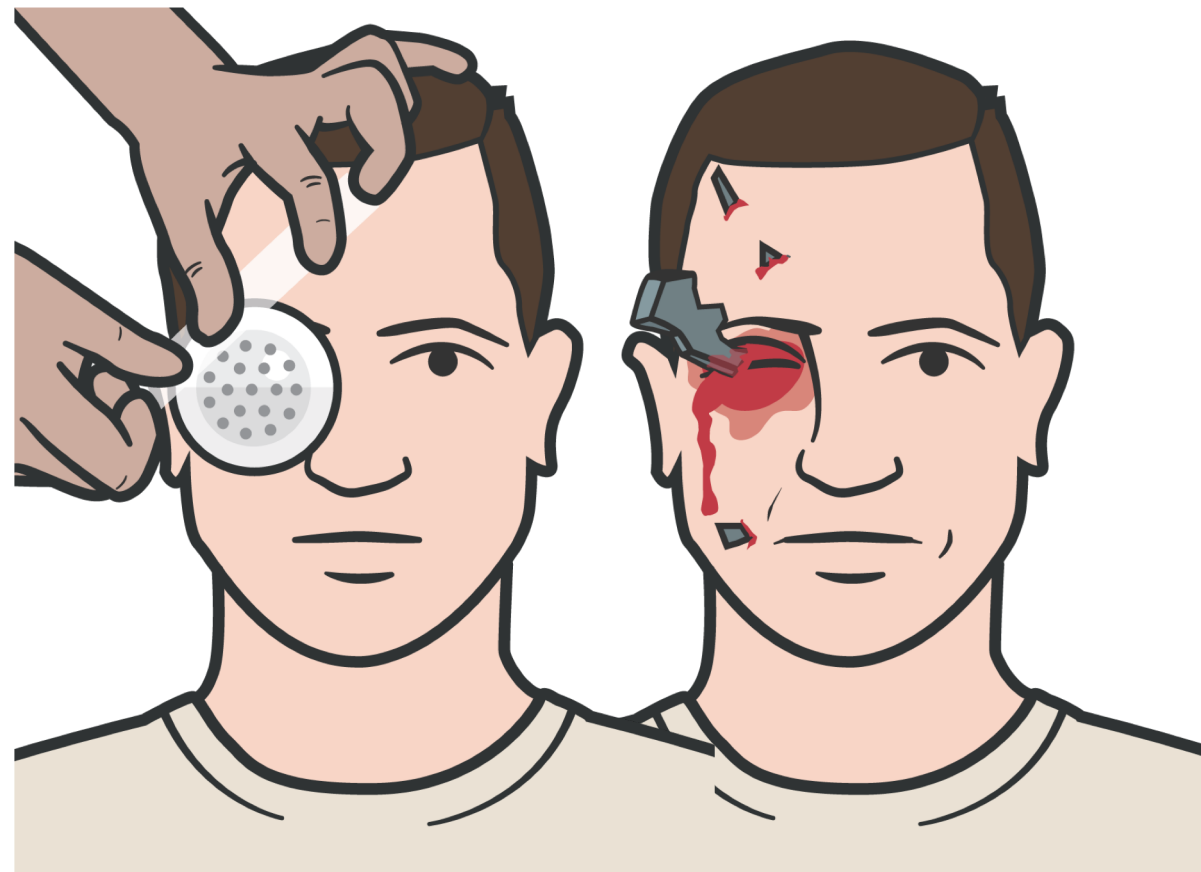
# SKILL STATION

## Rigid Eye Shield (Skill)

- Rigid Eye Shield

# SUMMARY

- We identified **eye injuries**
- We discussed eye injury **treatment**
- We discussed **applying** an eye shield
- We discussed **documentation**



# CHECK ON LEARNING

What kind of dressing should be used on penetrating eye trauma with an impaled object?

True or False: Protecting the injured eye with an eye shield is just as safe as using a patch or a pressure dressing.

True or False: Only the injured eye should be covered with an eye shield.

# ANY QUESTIONS?