

**Quick Reference Guide  
For  
Football Player Spinal Immobilization and Airway Management**

**Michael Bilkasley, EMT-P, LO.O.**  
Blue Ash Fire Department  
**Paul Sparling MED, ATC**  
Head Athletic Trainer, Cincinnati Bengals

**Common Types of Face Mask Clamps**



**Standard Phillips Screw Clamp**



**Quarter Turn Flat Head Clamp (use flathead screw driver or quarter to open)**

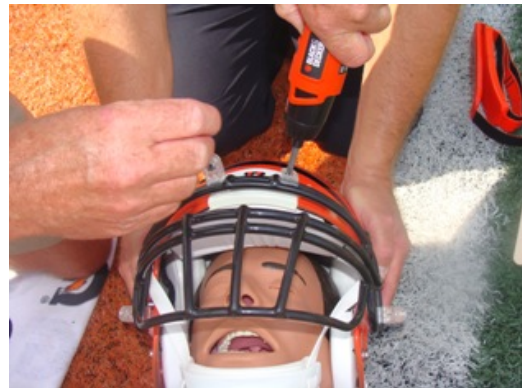


**Speed Release Clamp (Use special tool or ball point pen to release) \*Do NOT use spring loaded window punch**

## Face Mask Removal



1.) Remove side clamps first (see photos above for types)



2.) Remove the top clamps, these will typically be the Philips screw clamps



The Face Mask will swivel upward before the screws are removed, if rapid access is needed to open/secure an airway and BVM respirations.  
\*Note, the face mask will need to be removed if intubation is needed.

When removing the standard (Philips head screws), you may need to place a finger on the inside base to keep it from turning with the screw. In addition, these clamps sometimes rust due to moisture which can make it difficult to remove the screw. If this happens, you may need to cut the plastic clamps using a Trainer's Angel (or similar) tool.



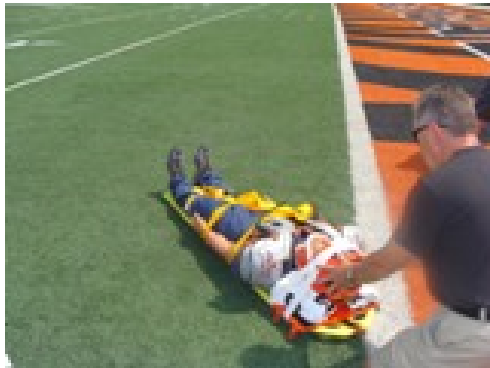
## Stabilizing the Patient with Football Equipment On



1.) Stabilize the head and remove the facemask.



2.) Secure the patient to the board with straps, Secure the Head with rolled towels or head blocks using tape/straps to secure.



The patient is ready for Transport

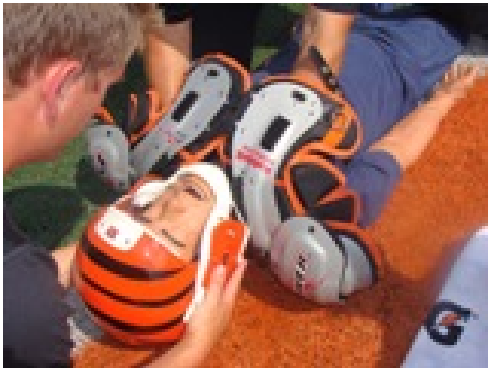
## Removal of Helmet and Shoulder Pads



1.) Stabilize the Head and Remove Face Mask



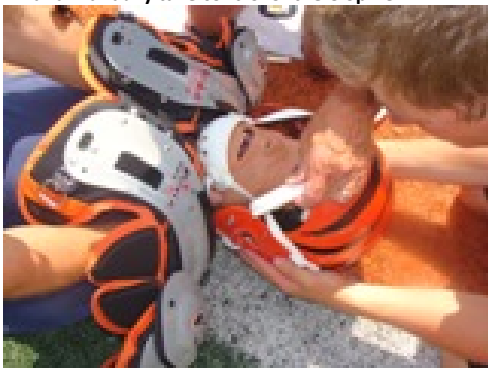
2.) Cut the center straps/strings



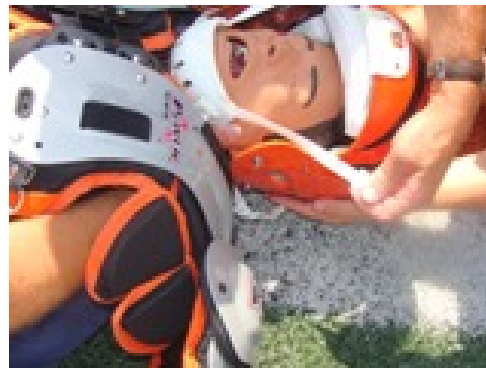
3.) Slide Hands Under the Front of the Shoulder Pads and manually take control of the C-Spine



4.) Un Snap/Remove Cheek Pad



5.) Remove the Second Cheek Pad



6.) Remove the Chin Strap



7.) Begin to remove the helmet



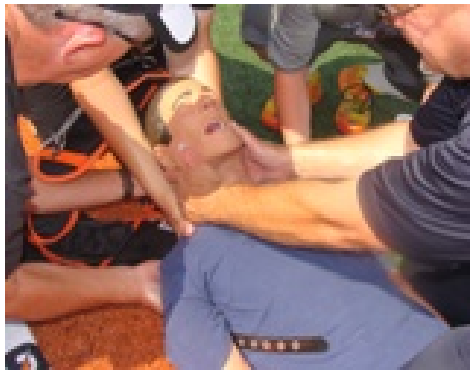
8.) Note, the Second Person Stabilizing the Back of the Head



9.) Helmet Removed, Next



10.) Begin Removing the Shoulder Pads, 1 Member Stabilizes each Shoulder



11.) Lower Patient and apply C Collar



12.) Continue Manual C Spine while Placing the Pt on the Back Board



Patient is Now Immobilized and Ready for Transport

## Intubation

When stabilizing the head, it may be more advantageous to stabilize the head under the shoulder pad assembly as noted in steps 3 through 10 above vs. at the head as noted in the photos below. The stabilization method is at the discretion of the airway team. It is recommended to practice these procedures in a controlled setting with the School or Programs Athletic Trainers and Medical Staff.



Intubation with a Standard Laryngoscope



Intubation with a Video Laryngoscope (We do not endorse any particular model/brand of video laryngoscope).