

Eagan II™ Universal Extrication Collar

DESCRIPTION

The Eagan II™ Universal Extrication Collar is a one-piece rigid cervical spine immobilization device designed to assist the rescuer with the maintenance of neutral alignment, prevention of lateral (side-to-side) sway and anterior/posterior (forward and backward) flexion and extension of the cervical spine during transport and routine patient care or movement. The Eagan II™ Universal Extrication Collar Adult is the only collar with 16 sizes for patient immobilization, the most accurate sizing for proper immobilization.

The Eagan II™ Universal Extrication Collar Child has 12 sizes for infant, pediatric and very small adult patient immobilization, the most accurate sizing for proper immobilization.

PRINCIPLES OF IMMOBILIZATION

Prevention and/or further extension of damage to the cervical spine and spinal cord is accomplished by maintaining the head and neck in a position of “neutral alignment.” The head and neck should not be flexed forward, extended backward, or cocked to one side or the other. The neutral alignment position prevents damaged vertebrae or foreign bodies from rubbing and/or cutting the spinal cord. Additionally, the neutral alignment position prevents the spinal cord from being twisted or compressed causing physical and/or ischemic injury to the spinal cord.

WARNING: The Eagan II™ Universal Extrication Collar is intended for application by licensed health care practitioners as directed by a physician or other medical authority. Permanent injury may result from use other than as directed by a physician or other medical authority. An extrication collar is only part of total patient immobilization.



It is important that practitioners are trained and practiced in the use and application of the device and that all instructions are read and understood prior to application of the collar. All directions are to be considered as guidelines and not an attempt to define medical practice. Use the device only after review and approval from the supervising medical authority.

Please read the following instructions carefully and completely before use. Correct application is required to ensure proper function of the device.

Intended for single patient use.



WARNING: If your pain increases or persists or you experience any unusual reactions while using this product, consult your healthcare provider immediately.

SIZING INSTRUCTIONS



WARNING: If resistance is felt or an increase in patient discomfort is noted, follow your established protocols for immobilization of the cervical spine in the presence of known or suspected cervical dislocation.

1. Have one rescuer manually stabilize the head and neck, gently holding the head and neck in the neutral alignment position. (Figure 1)
 2. Once the head and neck are manually stabilized, a second rescuer should apply an Eagan II™ Universal Extrication Collar to the patient. Size the collar as noted below. Applied collar must not hyperextend patient's neck.
- NOTE:** The Eagan II™ Universal Extrication Collar is preset. The adult is set to Neckless size 3 and the pediatric is set to Infant size 1.
3. Measure the distance between an imaginary plane drawn horizontally and immediately below the patient's chin and second horizontal plane drawn immediately on top of the patient's shoulder. (Figure 2)
 4. Compare this distance with the distance from the collar sizing line to the lower aspect of the plastic collar body (not the foam). (Figure 3)
 5. Adjust the collar to the appropriate size by disengaging the safety lock.
 6. Pull up on the safety buttons (Figure 4), and disengage the ratchet arrow latches.
 7. Adjust the height of the collar until the distance between the sizing line and collar body equals your finger measurement. (Figure 5)
 8. Engage the safety buttons by pushing down and lock the ratchet arrow latches. (Figure 6 and 7)



WARNING: Do not apply the collar unless the locks are secure.

NOTE: The Eagan II™ Universal Extrication Collar features 16 adult settings and 12 pediatric settings.



Figure 1



Figure 2

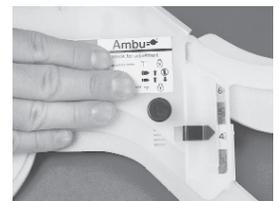


Figure 3



Figure 4

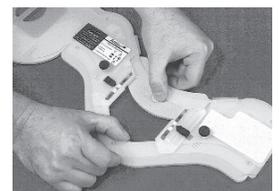


Figure 5



Figure 6

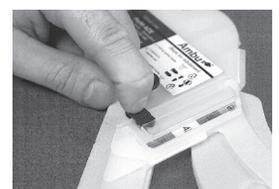


Figure 7

ADJUSTING THE SIZE

1. The Eagan II™ Universal Extrication Collar may be adjusted to accommodate a range of sizes.
2. Pull up on the safety button and disengage the ratchet arrow latches.
3. Adjust the height until desired size is met. (Figure 9)
4. Push down on the safety button (Figure 10) and lock the ratchet arrow latches (Figure 11)

PRESETTING TO FOUR STANDARD ADULT POSITIONS (ADULT ONLY)

1. The collar can be sized to four standard settings (Neckless - size 3, Short - size 4, Regular - size 5 and Tall - size 6).
2. To adjust, bring the guide arrow in line with the middle of the number marked (3, 4, 5 and 6) on four color label.

NOTE: The Eagan II™ Universal Extrication Collar is preset to Neckless Size 3 and is preset to Infant Size 1 for the child collar. Reset ratchet latches (guide arrow) and safety buttons as described earlier.

COLLAR ASSEMBLY

1. Hold the collar near the tracheal opening with one hand.
2. Place the index finger on the foam side of the chin piece (on the center rivet) and the thumb on the plastic side of the chin piece (on the center rivet) and simply flip the chin piece from the back of the collar to the front of the collar. (Figure 12 and 13)
3. This automatically forms the chin piece and places it in position for use.

APPLICATION INSTRUCTIONS

1. Proper application of any extrication collar requires two individuals. The first rescuer should maintain stabilization and neutral alignment of the head and neck by grasping the head with a spread finger technique. (Figure 14)
2. The second rescuer should slide the front of the collar along the patient's chest and position the chin piece. The collar body should rest on the top of the patient's shoulder and against the sternum without gaps. (Figure 15)
3. The patient's chin must rest securely in the chin piece in neutral alignment position. (Figure 16)
4. While holding the front of the collar in place, wrap the back of the collar around the back of the patient's head and neck and secure to the front of the collar with the hook tab. (Figure 16)
5. Adjust the hook tab as necessary by holding the front cutout of the collar and tightening the hook tab. (Figure 17)
6. Adjustment of the size of the collar may be done on the patient as per hospital policy or protocol.



WARNING: Maintain neutral head and neck alignment during the entire procedure. Once the collar is properly applied and the patient is immobilized, the head should not be released. Further immobilize the head and neck with head blocks or a head immobilizer and secure the patient to the backboard with appropriate retention straps.

SUPINE APPLICATION INSTRUCTIONS

1. If the patient is supine, slide the back portion of the collar directly behind the patient's neck. (Figure 18 or 19)
2. The collar may be applied from either side.
3. Once the back portion of the collar is evenly positioned behind the head, the front portion of the collar can be positioned under the chin. (Figure 20)
4. While maintaining the proper positioning of the collar with one hand, attach the hook strap with the other hand. (Figure 21)
5. Ensure that the loop tab is firmly attached and parallel to the fixed hook tab on the front of the collar. (Figure 22)

Please visit our website at www.birdcronin.com for additional product and warranty information or contact a customer care representative at 800-328-1095.

NOTICE: This device is only one element in the overall treatment program administered by a medical professional. While every effort has been made to obtain the maximum compatibility of function, strength, durability and comfort, there is no guarantee that injury will be prevented through the use of this product.

STEPS FOR ADJUSTMENT

A. Pull up safety locks



B. Latches in



Latches out



C. Push down safety locks



Figure 8

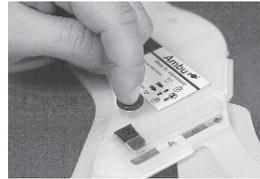


Figure 10

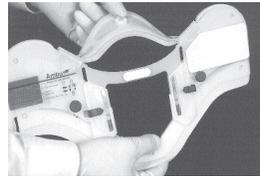


Figure 12



Figure 14



Figure 16



Figure 18



Figure 20



Figure 22

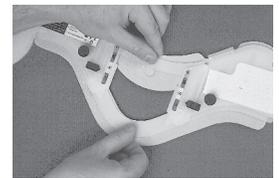


Figure 9

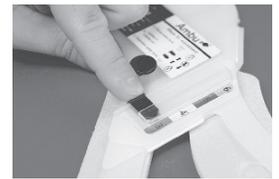


Figure 11



Figure 13



Figure 15

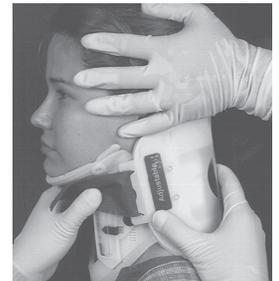


Figure 17



Figure 19



Figure 21

NOT MADE WITH
natural rubber latex