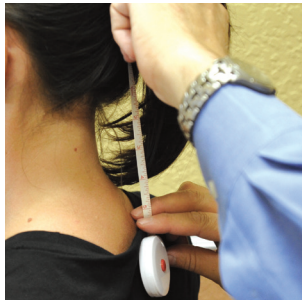




FABRICATION INSTRUCTIONS

THE FOLLOWING ARE DETAILED INSTRUCTIONS REGARDING THE FABRICATION OF YOUR ATLANTIC CUSTOM COLLAR (ACC). IF YOU HAVE ANY QUESTIONS OR ISSUES, PLEASE FEEL FREE TO CONTACT US AT ANY TIME.



Step 1

Measure patient, and complete the ACC measurement form provided. A tape measure, M/L gauge, ACC measurement tool and heat gun will be needed. Be sure to measure the patient with the neck in the position you want it immobilized.

CONTINUE TO NEXT PAGE >



Step 2

Select the neck blocks (13 1/4", 16" or 18 1/2") that are closest to the A measurement.



Step 3

Remove the head and assemble / modify the model by matching the chin – sternal notch B measurement to the model. If the patient has a non-correctable flexion deformity, use the flexed rods and appropriate flexion wedge when building the model. Compare the other measurements taken to confirm they closely match the model. Modify the model as needed. Secure the head with the wing nuts.

CONTINUE >



Step 4

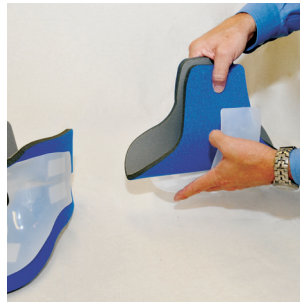
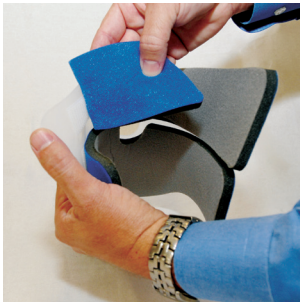
Apply anterior molding blank to model. Heat the external section of the molding blank with a heat gun on high heat for approximately 45 seconds ensuring the entire shell including the sides by the ears and chin/sternal section are heated. Do not overheat as the plastic may scar when molding. Wrap the blank to the model with the ace bandage and allow to cool for 4 minutes.



Step 5

Remove anterior molding blank; apply posterior molding blank and heat mold as in step 4. Each blank is molded independently.

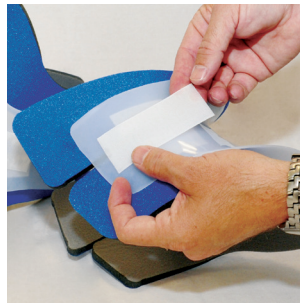
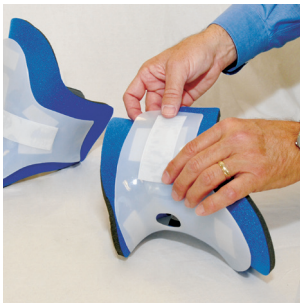
You can speed up this process by dipping the ace wrap in cold water prior to wrapping.



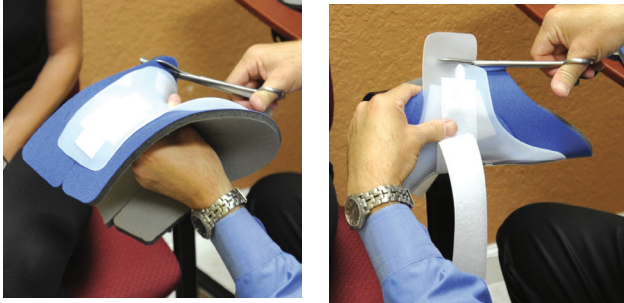
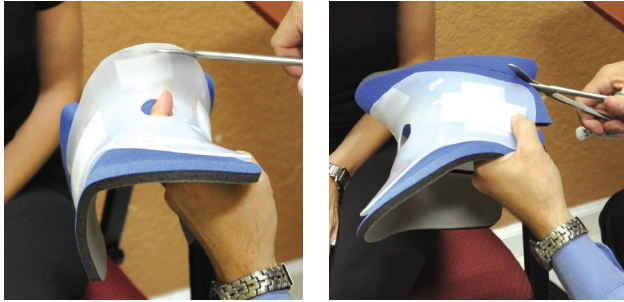
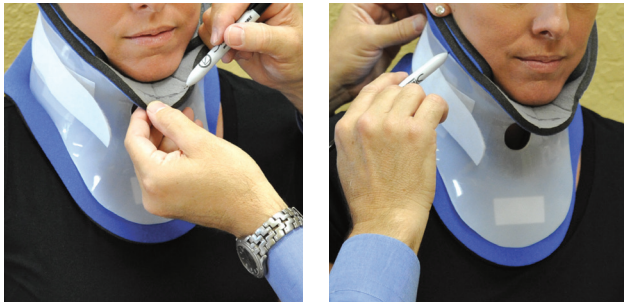
Step 6

Remove posterior molding blank from model and apply the pad sets to both anterior and posterior shells. Apply the self-stick Velcro hook to the outside of both the anterior and posterior shells and attach the Velcro pile strap to the posterior shell.

To help orient the posterior pad for ease of pad changes, there is an up arrow (↑) on the side that contacts the patient's head 1 1/2" from the top of the pad at midline.



CONTINUE TO BACK SIDE >



Step 7

Fit the ACC to the patient. The front shell overlaps the back shell. Check that the patient's ears are free and the chin section of the collar is not sticking out too far. Trim with a scissor if needed.

We suggest that the patient be supplied with an extra set of pads for hygienic and comfort purposes. If supplying the patient with an extra set of pads, teach them how to replace the pads. The patient can clean the pads by hand washing with a mild soap and allowing to air dry.

Notes to Clinician:

It is not common to do so, but in extreme cases feel free to customize the neck blocks by grinding if needed. Additional neck block replacements can be ordered, and you will be able to build a library of neck blocks for future use and unusual shapes. The same applies to the flexed rods and flexion wedges. You can bend these rods with bending irons and grind the flexion wedges to match the flexion angle needed. This would only apply to patients with a fixed flexed neck or severe kyphosis. Over time you will accumulate a collection of flexed rods and wedges to match different flexion angles.

All parts of the ACC kit can be replaced as needed.