



Instructions for Applying the **NANRIC** Rocker Cuff

*State of the Art Treatment to Help Manage
Club Foot Syndrome in Young Foals*



INDICATIONS

The **NANRIC** Rocker Cuff is designed to help manage the club foot syndrome in foals. The rocker action greatly reduces the tension of the hyperspastic deep digital flexor (DDF) muscle, allowing it to lengthen and therefore reduce the forces at play that are pulling the heel upward and creating the club appearance.

GOALS

The goal of the rocker cuff is to reduce DDF tension and increase blood flow to the toe area, which enhances sole and toe growth. The rocker helps transfer internal load from the apex (tip of the bone) to the heel, therefore reducing heel growth.

MANAGING THE GRADES

Club feet have been classified by Dr. Redden into four basic grades. Grade 1, 2 and low grade 3 clubs normally respond well and are easy to manage with shoe mechanics. Higher grades often require inferior check desmotomy surgery, or a DDF tenotomy in severe cases.

HOW AND WHEN TO USE

- Foals that cannot put their heels on the ground often develop the club syndrome. Dr. Redden recommends splinting down the back of the entire limb using a fitted 4" piece of PVC from elbow to the ground for those that are non-responsive to tetraglycline. Apply the **NC1** when using the splint to prevent toe wear and damage to the bone and laminae.
- Apply the **NC1** to the younger foal (2-4 weeks) at the first indication that the foot has a steeper toe angle than the opposite foot. Radiographic assessment is a helpful monitoring tool. You may need to trim the cuff at the top if it is too close to the coronary band. Pre-fit the cuff before gluing it on and use a sanding block to roughen up the wall for a better bond. In order to prevent unwarranted abscesses, avoid covering up any and all splits at the toe with glue/composite. Use Keratex Putty or duct tape to protect these high risk areas. Vettec Super Fast™ works well for glueing the cuff on young foals.
- Apply the **NC2** to the older foal (4-8 weeks) with a grade 1, 2, or grade 3 club. Using a rasp, push the heels back and roughen the wall with a sanding block. Use Super Fast™ or Equilox® and allow it to cure before setting the foot down.

LENGTH OF APPLICATION

The younger the foal, the less time they should wear the shoe as the foot is growing very fast. When a second shoe is needed, leave the shoe off for a day or so and keep the foal confined to a stall so you do not lose the soft toe. Then reapply.

| Age | Maximum Time for Shoes to be Worn |
|-------------|-----------------------------------|
| 2 - 4 Weeks | 5 - 7 Days |
| 4 - 6 Weeks | 7 - 10 Days |
| 6 - 8 Weeks | 10 Days - 2 Weeks |

WHAT TO EXPECT

- Increased sole depth (confirmed by radiographs)
- Increased toe growth
- Reduced heel growth

Early management goes a long way towards protecting the integrity of the coffin bone by offering adequate sole protection. This is your goal. Use this methodology off and on as the foal matures. Nanric has aluminum rocker shoes that can offer the older foal the same mechanical protection.