

Casting for Stifle Braces:

Materials:

- Cool water
- Towels
- Tape
- Marker
- Stockinet / Saran wrap (plastic food wrap – press & seal)
- Gloves
- Measuring tape
- Scissors (a few pairs), brace cutters
- Yellow guide tube
- Camera

Casting

- Take a photo in standing
- Ensure correct leg!
- Wrap towels in place – under legs, over groin as needed
- Stockinet or saran wrap the leg – get as high as possible up to thigh
- Gloves on
- Soak casting tape in cool water, couple gentle squeezes, 10-15 sec
- Wrap leg – ensure hip in neutral, stifle extension, overlap wrap by half, no wrinkles
- Smooth it all out
- TAKE A PICTURE
- Mark boney prominences (patella, tibial crest, calcaneus, malleoli) and 3 horizontal lines along leg
- Cut it off
- Tape together
- Mark right/left leg and dog's name on cast
- Have owner sign the form

Measurements:

- Thigh circumference
- Length of femur – greater trochanter to lateral femoral condyle
- Circumference just above calcaneus
- Circumference just below popliteal fossa
- Anterior – tibial crest to anterior hock (talocrural joint)
- Posterior – popliteal fossa to apex of calcaneus