

## NEWTON'S CRADLE COLLAR

BY NORMA JEAN DELL

[www.njdesigns1.com](http://www.njdesigns1.com)



Learn how to use multi-hole beads to make this elegant collar necklace!

### **Skill Level: Intermediate and up**

**Techniques to know:** familiar with right angle weave stitch, ending/adding thread, familiar with two-holed beads, using stop beads

**Finished size:** about 15 inches (38.1cm) in length without clasp.

### **MATERIALS**

(89) 3x12mm Bridge beads

(18) 7mm Two-hole Cabs

(17) 7.5x7.5mm Ginko beads

(2g) 11° Miyuki Seed Beads (A)

(2.5g) 11° Miyuki Seed Beads (B)

(3g) 15° Miyuki Seed Beads

(2) 4x6mm Oval jump rings

Chain and hook clasp

Fireline™ 6lb. black or to blend in with colors

Size 11 or 12 beading needle

Scissors / Pliers to work jump ring

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### DESIGNER TIP

Check all holes of any multi-holed beads to make sure they are clear before use. Just peek at them as you work. It's worth the extra time!

### TOP OR FIRST ROW

**NOTE:** This row needs approximately 3 yards (2.743 meters) of thread. You may need a stop bead to start. Use diagrams to show bead positioning.

1. On a comfortable length of thread, pick up a Bridge (convex, left hole), 11°A, cab, 11°A, and go through third hole of Bridge (concave, right hole) just picked up. Leave about a six-inch tail thread to secure and weave into beadwork after loop is added on this end. (Diagram 1)
2. Pick up a Bridge (concave, left hole), four 15°s, an 11°B, and go through middle hole of Bridge just picked up. Pick up an 11°B, go back through Bridge, and through the 11°B. Pick up four 15°s and go through third hole of Bridge (convex, right hole). (Diagram 2)
3. Pick up a Bridge (convex, left hole), 11°A, cab, 11°A, and go through third hole of Bridge (concave, right hole) just picked up. (Diagram 3)
4. Repeat Steps 2 and 3 sixteen more times for a collar measuring approximately fifteen inches (38.1cm) without clasp (a total of 18 cabs). Each repeat adds approximately 7/8 of an inch (2.222cm) to length of collar.

### ADDING LOOPS TO ENDS

5. Pick up eight 15°s and go through Bridge hole your thread is exiting to form a loop. Retrace thread path, then continue through eight 15°s a third time. Continue through the 11°A, cab, 11°A, two Bridges, four 15°s, 11°B, four 15°s, and two Bridges until you reach opposite end of beadwork. (Diagram 4)
6. Repeat Step 5 on this end of beadwork and continue retracing thread path back to opposite end of bracelet to strengthen this first row. Secure and end working thread as well as tail thread.

### BOTTOM OR SECOND ROW

**NOTE:** This row uses approximately five yards (4.572meters) of thread. You may need to use a stop bead to start.

7. On a comfortable length of thread, pick up a Bridge (convex, left hole), four 15°s, and go through middle hole of Bridge just picked up. Leave about a foot of tail thread to use later.

\*Pick up a Bridge (convex, left hole), 11°B, 11°A, and go through open hole of the cab on first row of beadwork. Pick up an 11°A, 11°B, and go through third hole of last Bridge (concave, right hole) picked up. Pick up a Bridge through middle hole (convex side). (Diagram 5)

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- 8.** Pick up five 15°s and go through first hole of Bridge. Pick up an 11°B and go through third hole of previously added Bridge. Pick up 15°, three 11°Bs, 15°, and go through first hole of the second Bridge. Retrace this thread path a second time skipping under middle 11°b to make it “pop” then continue through the next Bridge, 11B and Bridge. (Diagram 6)
- 9.** Pick up five 15°s and go through second hole of Bridge. Continue through the next Bridge, 11°B, 11°A, cab, 11°A, 11°B, two Bridges, six 15°s, two 11°Bs, six 15°s, two Bridges, 11°B, 11°A, cab, 11°A, 11°B, and two Bridges. Pick up four 15°s and go through third hole on Bridge. (Diagram 7)
- 10.** Pick up a 15°, 11°A, 11°B, 11°A, 15°, Bridge, 11°A, and go through Bridge hole your thread is exiting. Retrace thread path skipping under 11°B to make it “pop” then continue through the 15°, 11°A, and 11°B. (Diagram 8)
- 11.** Pick up an 11°A, 11°B, Ginko (right tip hole), three 15°s, and go through the 11°B on first row of beadwork. Pick up three 15°s, go through next hole on Ginko, pick up an 11°B, 11°A, and go through the 11°B your thread was exiting at start of step. Continue through next the 11°A, 15° and Bridge. Pick up four 15°s and continue through second hole of Bridge. (Diagram 9)
- 12.** Repeat Steps 7 (starting at \*) through Steps 11 until you reach the end of first row of beadwork.

#### **CONNECTING ENDS**

- 13.** Pick up ten 15°s and go through last 15° in the loop on first row of beadwork and continue through the 11°A and cab. Secure and end thread. Needle tail thread and repeat this step at beginning of beadwork. (Diagram 10)
- 14.** Attach jump rings to loops on first row and add clasp to them.

**Enjoy your new collar!**

Norma Jean Dell started bead weaving in 2008 and quickly progressed to creating her own bead woven designs and formed njdesigns in 2009. Over the past ten years, she has taught numerous classes based on her designs in Georgia and Tennessee. She has been published in three leading bead magazines and her designs have been featured in several books. Today Norma Jean has created more than one hundred- fifty tutorials that have been sold all over the world. These designs can be found at [www.njdesigns1.com](http://www.njdesigns1.com)

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NEWTON'S CRADLE COLLAR  
ILLUSTRATIONS BY NORMA JEAN DELL

Diagram 1

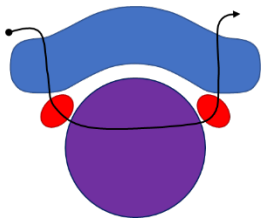


Diagram 2

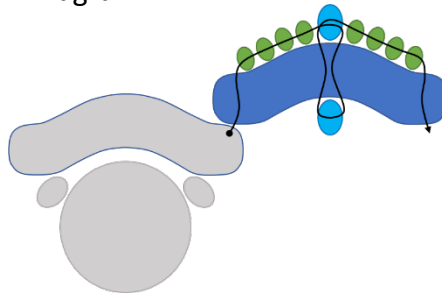


Diagram 3

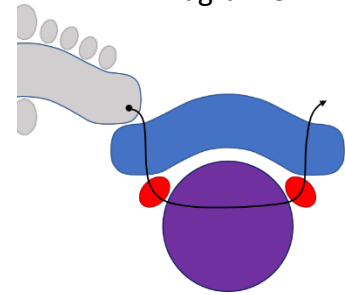


Diagram 4

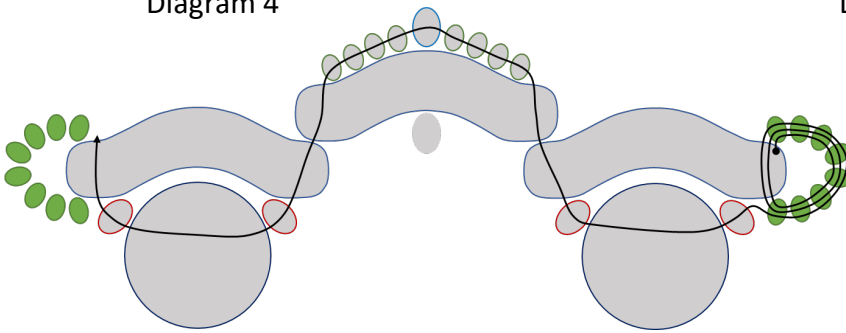


Diagram 5

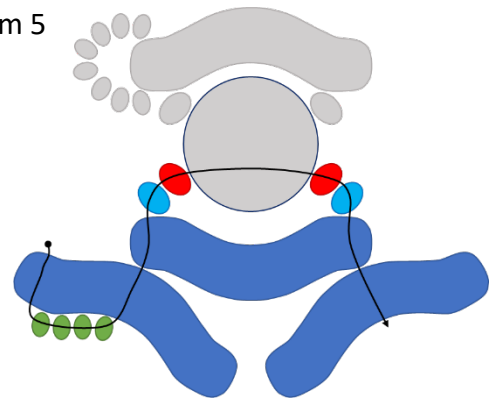


Diagram 6

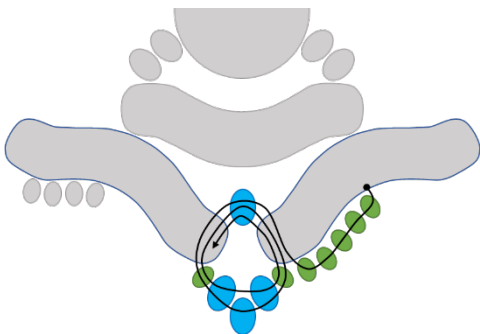


Diagram 7

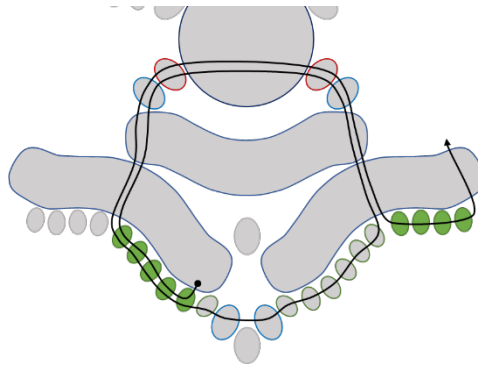


Diagram 8

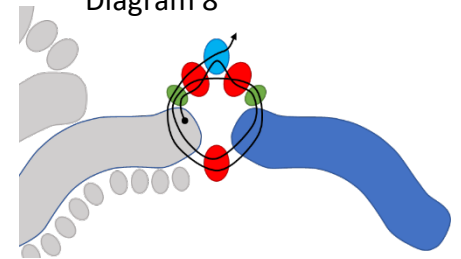


Diagram 9

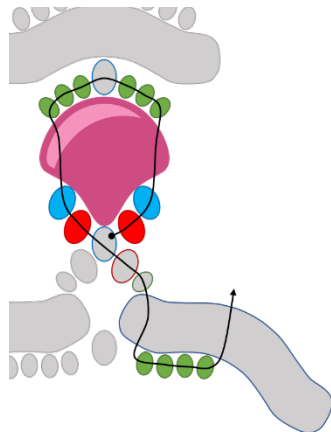
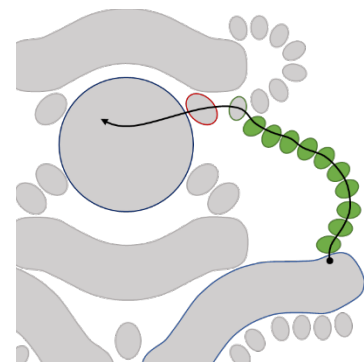


Diagram 10



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