



CareAline[®]

Vascular Access Care, Safety and Securement

February 16, 2016

To Whom it May Concern,

Re: CareAline Product

As the Clinical Nurse Specialist for the Hematology/Oncology/Transplant Program at C.S. Mott Children's Hospital, I identified a need to help our young pediatric patients maintain their Central Venous Catheters (CVC's). We had several young patients break their CVC's and acquire line infections. The CareAline Wrap and PICC line Sleeve became products which helped these young patients secure their lines and not require another surgery to replace them. The wrap not only keeps the line more secure while the child plays and moves about, but it keeps the line out of the diaper area, too.

I audited 40 patients (< 4yrs of age) with CVC's over a 2 year span, and learned that 33% of these patients had a line break and/or infection. They all had to receive a new CVC . This meant another surgery, further hospitalization and an extra course of antibiotics.

We trialed the CareAline wrap with these young patients and found them to help secure their lines. Also, the parents found them to be comfortable for their child and provided them relief of anxiety that their child might break their line. The children could play and move about according to their developmental level while wearing the CareAline Wrap or Sleeve.

I also found a similar experience while working at Children's Hospital Colorado from 2012-2015 and introduced the CareAline products to that institution.

I presented the wrap and sleeve, and the data from my audit, to our hospital wide Central Line Associated Blood Stream Infection (CLABSI) Team and they have requested them to be available for all of our pediatric patients with CVC or PICC Lines. We are in the process of acquiring the product for all of our patient's, with CVC or PICC lines, in C.S. Mott Children's hospital and making it available for them.

I would recommend these wraps and sleeves to patients who have the potential to break and/or infect their lines.

Sincerely,

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