

Headline: Device brings comfort to pediatric patient

We often speak of innovation in big terms and on a large scale: artificial intelligence, autonomous driving, the printing press. But in doing so, we often overlook the small innovations that can be life-changing on an individual level. This list might include nails, magnets and string – modest innovations that have proven to be critical components of a myriad of products, devices and inventions.

In terms of medical technology, small innovations can result in big changes when it comes to the care a provider offers or the comfort a patient seeks. B. Braun Chairman and CEO Jean-Claude Dubacher recently said, “I often talk about how innovation can come in many forms, and it doesn’t always have to be earth-shattering technology. We impact the lives of our patients through the most basic areas of healthcare. This is how we make a true difference for patients.”

Cayla’s story

Take for example a pediatric patient, battling five rare diseases and continuously undergoing various procedures and operations. In this particular case, something as simple as the device used to secure a peripherally inserted central catheter (PICC) line can mean the difference between comfort and pain. For Cayla, the introduction of B. Braun Medical’s Klik-FIX® Soft PICC Catheter Securement Device into her Sunday PICC line dressing change reduced the pain and trauma from that routine event.

“My daughter Cayla has two central lines. She has a PICC line and she has an HD (catheter) for dialysis. And the Klik-FIX has been a game-changer for both,” says Michelle Kim. “As a mom, I worry about my daughter’s mental health, and I just want her to be happy. And so, every Sunday when they came to do the dressing change for the PICC line, it was so hard to have to have her scream and cry after everything she had already gone through, that something as simple as a dressing change is going to cause so much stress.”

Michelle says that the ease of application of the Klik-FIX device lessened not only her and her daughter’s stress levels, but also those of the nurses.

“We had this running joke after five and a half months of being in the hospital, we should all get together and make a list of things to invent that would make the patient and nurses’ lives easier. And this device was definitely on the top of the list. I wish I could go back now and show them the Klik-FIX and say, ‘Hey, I found it. I found it.’”

Difference in devices

Before discovering the Klik-FIX Catheter Securement Device, Michelle says Cayla’s treatment was painful and scarring. The previous device used on Cayla tore her skin, “and the thing about the (previous) device is you can’t just put a Band-Aid and let the skin tear heal. You have to put

a new device right on top of the skin tear because you need to have it in place. And so that was really traumatic for her. And the other thing is, with this (previous) device, you have to push down really hard on the skin, almost pressing it against the bone. And that caused her a lot of pain. Not only that, it also resulted in significant bruising, but there was nothing we could do about it.”

What makes the Klik-FIX device stand apart? For starters, it is an adhesive securement device (ASD) designed to be comfortable, soft, and secure. The device is made entirely of soft, flexible materials, yet can withstand over 17 pounds of pull-force. The foam base pad is designed to maximize patient comfort and help reduce the risk of pressure injuries. The Klik-FIX Soft PICC device is compatible with most PICCs, central catheters, and midline catheters with wings.

Here are six distinctive components of the Klik-FIX device: ¹

1. **Soft foam base:** device has no hard plastic parts, only soft foam to cushion the catheter wings and protect the skin
2. **Chevron straps:** adjustable straps cross diagonally over the catheter wings to hold them in place
3. **Wing bed adhesive:** designed to hold catheter wings in place while securing. No need to line up suture holes to posts
4. **Universal design:** straps are flexible and secure the majority of PICC, central and midline catheters with wings
5. **Hook-and-loop base:** allows securement straps to be repositioned and readjusted as needed
6. **Skin-friendly adhesive:** designed to be comfortable, yet secure

As mentioned earlier, Cayla has not only a PICC line, but an HD catheter for dialysis. The Klik-FIX device has been “an absolute lifesaver” when used with the catheter, says Michelle. “I don't know where she'd be today if she didn't have that device. The line was consistently moving in and out of her body.” Caregivers and clinicians understand how securement can help reduce the risk of movement-related complications, like micropistoning, dislodgement and infection.²

“I 100% recommend that any patient that has a catheter try the Klik-FIX device, especially for children. I've seen so many children in the hospital or outside, they have so much trauma, they have so much pain, they don't know what's going on. This is just one way to reduce all of that for the kids,” says Michelle.

¹ Klik-FIX Soft PICC/Central Catheter Securement Device sell sheet (#22-1168F)

² Gorski LA, Hadaway L, Hagle ME, et al. Infusion Therapy Standards of Practice, 8th Edition. J Infus Nurs. 2021;44(1S Suppl 1):S1-S224. doi:10.1097/NAN.0000000000000396