THE PROBLEM

PUBLISHED DATA SUPPORTING THE NEED FOR GREATER PEDIATRIC CATHETER SECUREMENT

BEN GUARD™ PEDIATRICS

1. **Complications Among Children with Medical Complexity, CVC Fractures; Repair or Replace?,** *Journal of Pediatric Surgery, 2019, Zens, Nichol, et al*
2. **Device Complications Among Children with Medical Complexity,** Hospital Pediatrics, 2019, Nackers, et al
3. **Complications of Central Venous Access Devices: *A Systemic Review,*** *Pediatrics, 2015, Ullman, et al*
4. **Attributable Cost and Length of Stay for Central Line-Associated Bloodstream Infections,** *Pediatrics, 2014, Goudie, et al*
5. **Dressings and securement devices for central venous catheters (CVC),** *The Cochrane Database of Systemic Reviews, 2019, Ullman AJ, et al*
6. **Innovative dressing and securement of tunneled central venous access devices in pediatrics: a pilot randomized controlled trial,** *BMC Cancer, 2017, Ullman, et al*
7. **Central Venous Access Devices (CVAD) in Pediatric Oncology Patients—A Single-Center Retrospective Study Over More Than 9 Years,** *Frontiers in Pediatrics, 2019, Beck, et al*
8. **Patient and central venous catheter related risk factors for blood stream infections in children receiving chemotherapy,** *Pediatric Blood and Cancer, 2017*

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