



Dusty's Story

In 2008, Dr. Wayne Provost's 16 year old son, Dusty, was diagnosed with acute myelogenous leukemia, requiring a bone marrow transplant. Dusty underwent chemotherapy during the four-month wait for a donor and frequently found his way to the pediatric intensive care unit.

Infusion line confusion was a consistent problem in the ICU and during his normal hospital stays. Speaking with clinicians, it became obvious that locating the primary medication line was a common and reoccurring frustration.

The Challenge of Multiple IV Lines

Four-months after Dusty started his chemotherapy, a donor was secured. Dusty was transported to Primary Children's Hospital in Salt Lake City, Utah for the procedure.

During his five month stay at Primary Children's Hospital, the IV lines seemed to multiply. On any average day, Dusty would have five IV lines attached to his port and various veins, and as many as eleven different infusion lines. The frustration experienced and time spent by clinicians trying to locate the proper infusion line was astonishing. Dr. Provost thought time and time again, there must be a better, less stressful way to identify the primary medication line.

Creating Something Positive From Tragedy

Sadly, Dusty passed away in January of 2009, at the age of seventeen. Dr. Provost and his wife are forever thankful to those healthcare providers at Primary Children's Hospital for their kind, patient and skillful care.

After watching clinicians struggle with finding the primary medication line, Dr. Provost was determined to find a way to help. After much research he determined, and studies support, that lighting the primary medication line was the best approach. MedLite ID came to light after years of experimentation with infusion confusion and *in honor of his son, Dusty.*

