

To whom it may concern,

We have a 3 1/2 yr old with type I Diabetes who has been on insulin since 17 months old.

He has been on a pump for 4 months now and it has changed our world !

For one thing, small children only need very small amounts of insulin at a time of which the Pump can do in 0.025 unit increments.

The best insulin pen, can only deliver in 0.5 unit increments at a time.

Pens are better than syringes but nowhere near good enough for young children.

It is always a battle with the yo-yo effect of 0.5 unit increments in a young child and balancing the different profiles of both the

short and long acting insulin's.

Delivering 0.5 units too much or not enough can put a young child in a dangerous hypo or hyper, neither of which is good.

Too many of either of these over a period of time will severely put the child's health at risk or worse.

Using only 0.025 units at a time makes it so much less common, which can add years to a type I Diabetic's life and quality of life

because they have better control.

Also with only using short acting insulin in the Pump system, it more closely mimics a real pancreas.

This also helps the body to better use the insulin on board and so less insulin is needed to do the same task.

Over time less insulin means less complications and if any occur are usually much later in life than would have been if using an

insulin pen.

All in all for small children a pump is a must, not a luxury !