

Kaiya has a bike to ride.



Kaiya lost both hands and a foot due to meningitis as a baby. She is a very bright, happy and determined little girl and now she is three years old she wants to ride a cycle like her friends.

The starting point was a robust and stable trike from which the handlebar grips and brake lever were removed.. A pair of sockets for the arm ends (at about the wrist joint) were manufactured with a rose joint connection to solid nylon blocks fitted to the handlebars. The sockets were lined with thick cold water pipe insulation sleeve which was tailored to fit the ends of Kaiya's arms.

A foot operated brake lever was made and mounted in a clamp block fitted to the 'down tube' on her good foot side and the brake cable was connected to it.

As Kaiya has no means of pulling on the handlebars, a backrest was fabricated from a pair of mountain bike seat stays, padded with insulation sleeve, and mounted to the main frame. As an additional safety aid, a section of Zimmer frame with grip was fitted to the top of the back rest. This can be removed when the parents are confident that the child is capable of handling the cycle without assistance.

Kaiya is now an even happier little girl!

