



After the evaluation and measurements are complete it is time to make the scan. The child is placed in their mother's lap and a white sock is drawn over their head. The outer surface of the white sock contains reflective targets, which allow the laser to "see" the head and the cameras mounted above the laser capture the image. The child can move freely during scanning. Once the image is captured the sock is removed and the procedure is complete.

After scanning, the file data is sent to a technician where it is modified to allow space on the flat side of the head and contain the growth on the bulging side of the head. This new data file is then sent to the computer carver where a foam mold is created. The NiC BAND will be made using this corrected foam carving.

