CHARCOT-MARIE-TOOTH EATING UTENSILS

By: Kyle Bear
    Shawn Baker
    Jared Burkett

Team # 3
Design a lightweight, cost effective means for a person with CMT to be able to eat independently. The utensils should require little muscle strength in order to be used. In addition the utensils should be able to be washed and reused.
OVERVIEW

- Charcot-Marie-Tooth (CMT) disease is an inherited disease that affects the peripheral nerves. The disease manifests in the upper and lower extremities as muscular atrophy or wasting of the muscles.
- Basically the muscles and nerves that control them make holding on to things and fine motor skills very difficult.
Most existing products are some variation of an enlarged handle with a normal or bent metal end like the ones pictured above.
Customer Needs.

- Light Weight utensils
- Cost effective
- Easy to Grip
- Independent use
- Reusable

Objectives

- Less than 30 grams
- No more than $30
- Have a non slip texture
- Require only one hand to operate
- Survive 2 years of daily washing or 2,000 washes
CONCEPT A
CONCEPT B
CONCEPT C
CONCEPT D
CONCEPT E
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FINAL CONCEPT....

CONCEPT C