

Niagara Foot Model 2



Material Supplier: E.I. du Pont de Nemours & Co.

Designer: Robert Gabovrie, CPO

Product Description

Injection molded prosthetic foot that has the elements of energy return, durability and affordability. It can be customized to meet the physiological needs of amputees in developing countries.

Why is the product innovative?

1. The Niagara Foot Model 2 is the only inexpensive energy return prosthetic foot.
2. The Niagara Foot Model 2 (derived from Model 1) is easily modified in the field and can accept a cosmetic cover that could be manufactured locally.
3. The design is more durable than current prosthetic feet available in developing countries.
4. The Niagara Foot Model 2 is designed to be mass-produced by injection molding. Therefore it is inexpensive and quality assured.
5. The Niagara Foot Model 2 is the only prosthetic foot able to be modified in the field to meet the physiological demands of individual amputees.