



Issues of Human Interface design

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HELP



Sydney Barta

An Elite Athlete, who happens to have an amputation



Sydney Barta

“Having to” wear
/ use something

i.e. A prosthesis is a
requirement for
mobility, Not just a
preference.

VS



Contact Lenses

“Choosing to”
wear something

i.e. preferring to
wear contacts
over glasses to
see.



Contact lenses- The 5 C's (+1)

- Comfort
 - Change
- Function
- Cosmesis
- Cost
- Cool

What if??

What are the
Pros and Cons



FootLess Jo



Comfort

- ✱ Transference of pressure
- ✱ No “noxious” stimuli (noise, vibration etc)
- ✱ Heat
- ✱ Nuisance factor
 - ✱ easy to put on and take off
 - ✱ not too bulky
- ✱ Weight
- ✱ Sensitivity of skin or nerve

**Comfort is
elusive**

What may be
“comfortable” one
minute may not be
the next.....

Function



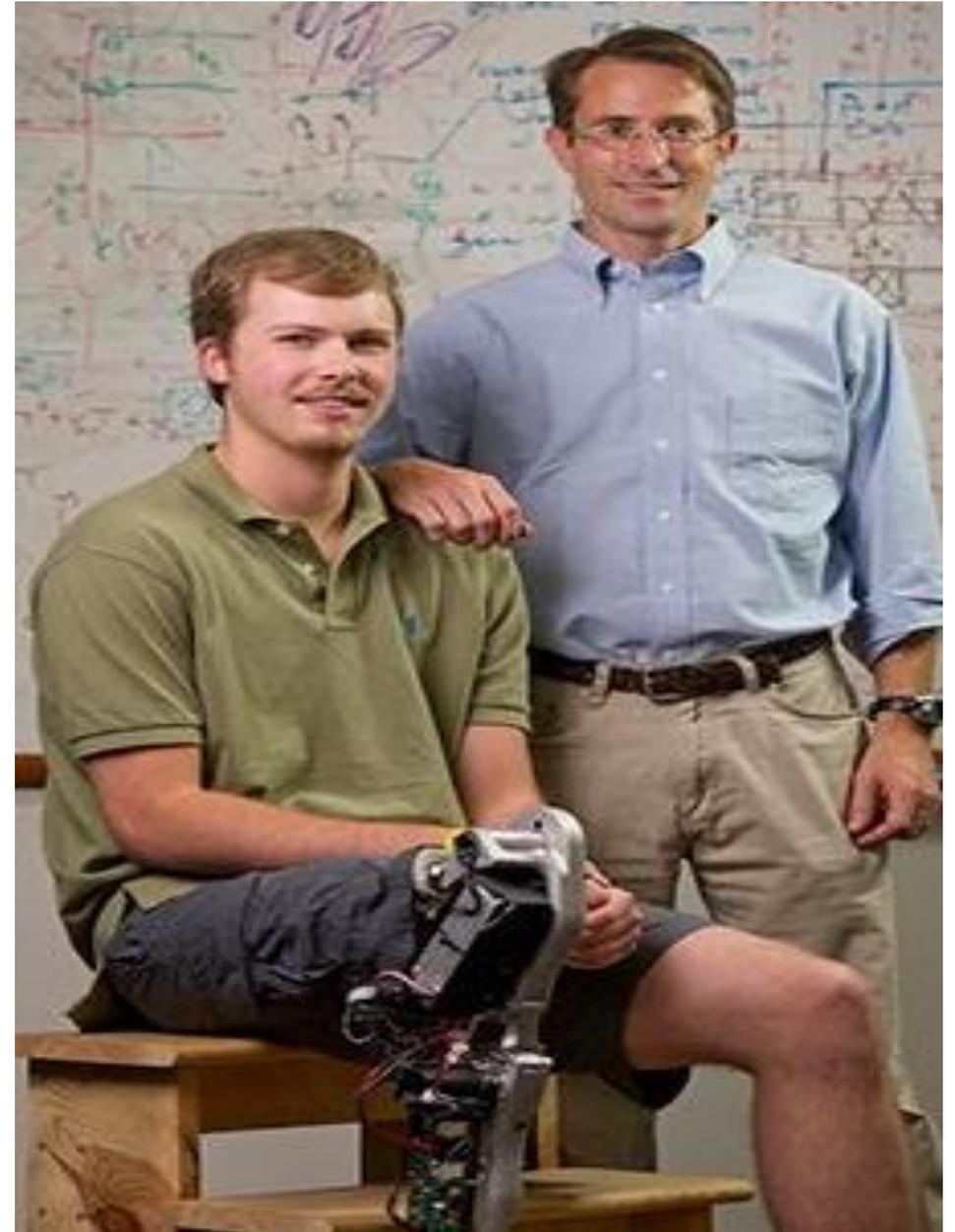


Cosmesis



Cost

- What is it worth to the consumer and...
- If it costs way more than standard care, does it provide a proportional improvement in comfort, function, cosmesis?

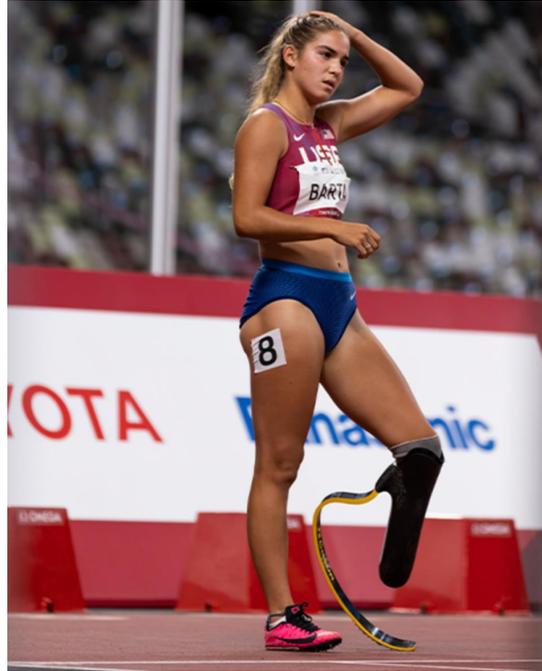


Cool

What is cool today may not be tomorrow.



Does the Benefit outweigh the Downside



"the heavy bear
who goes with me
in love with
CANDY, ANGER,
AND SLEEP"

YOU'VE
THE SILENCE IN
OF A DESERTED S
THE SILENCE

IF YOU THINK TECHNOLOGY
WILL SOLVE YOUR PROBLEMS
THEN YOU DON'T UNDERSTAND
TECHNOLOGY - AND YOU DON'T
UNDERSTAND YOUR PROBLEMS

NO
"A
JAZ
SEPTEMBER
13, 1959

A BIRD PIPED SUDDENLY
AND WAS STILL
A LIGHT BREEZE
SPRANG UP AND
SET THE
REEDS AND
BURRUSHES
RUSTLING
A SOUND

SNAUX noun

FAKE SNOW
OR FAUX SNOW



HUMAN?



