

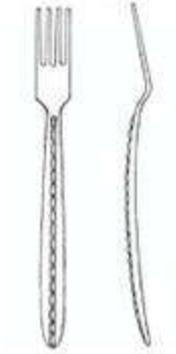
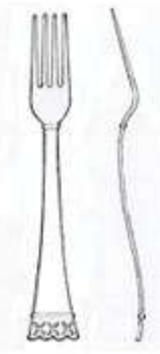
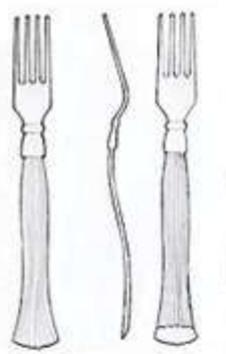
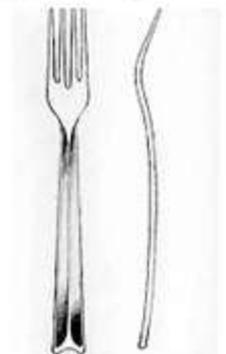
Aesthetics Matter

Jules Sherman, MFA Design

















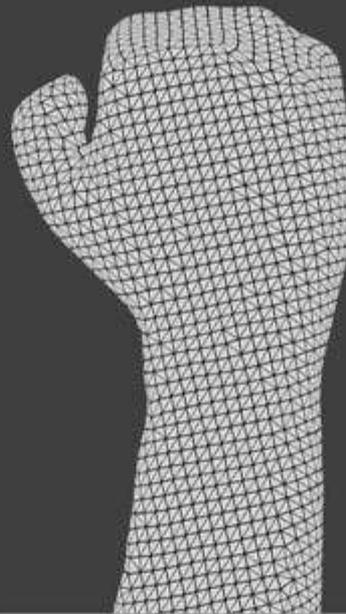
Procedure

X-RAY



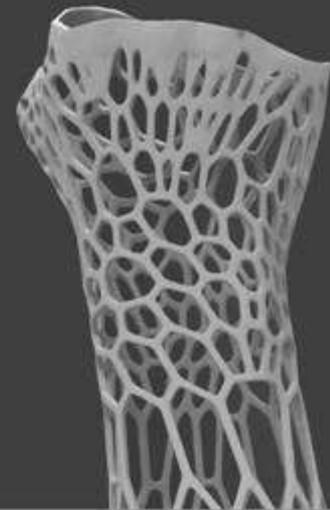
Limb is X-Rayed in order to identify the break and its exact position.

3D SCAN



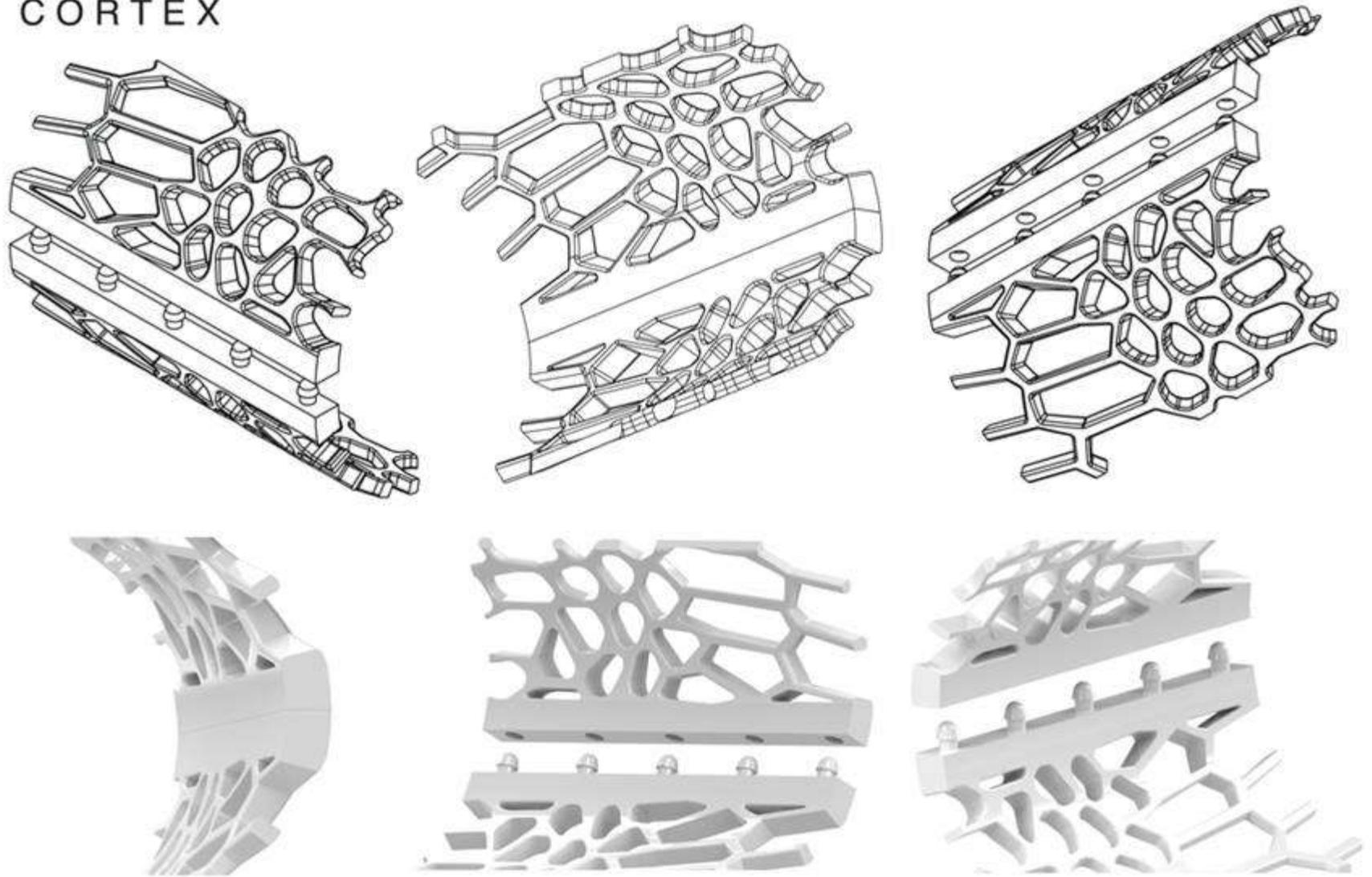
Arm is 3D scanned in order to define the exact dimension of the limb.

3D PRINT



Dimensions and data are fed into the computer. Cast is generated with optimal support for vulnerable areas and to the exact limb size for a snug fit.

CORTEX





The Cortex Exoskeletal cast shown fitted snugly on the patient's arm giving lightweight but super strong support exactly where needed for this particular wrist fracture. No more heavy weight, malodorous bulk for this lucky patient.



Discreet and thin there is no problem wearing a shirt and suit jacket over the Cortex Exoskeletal cast.



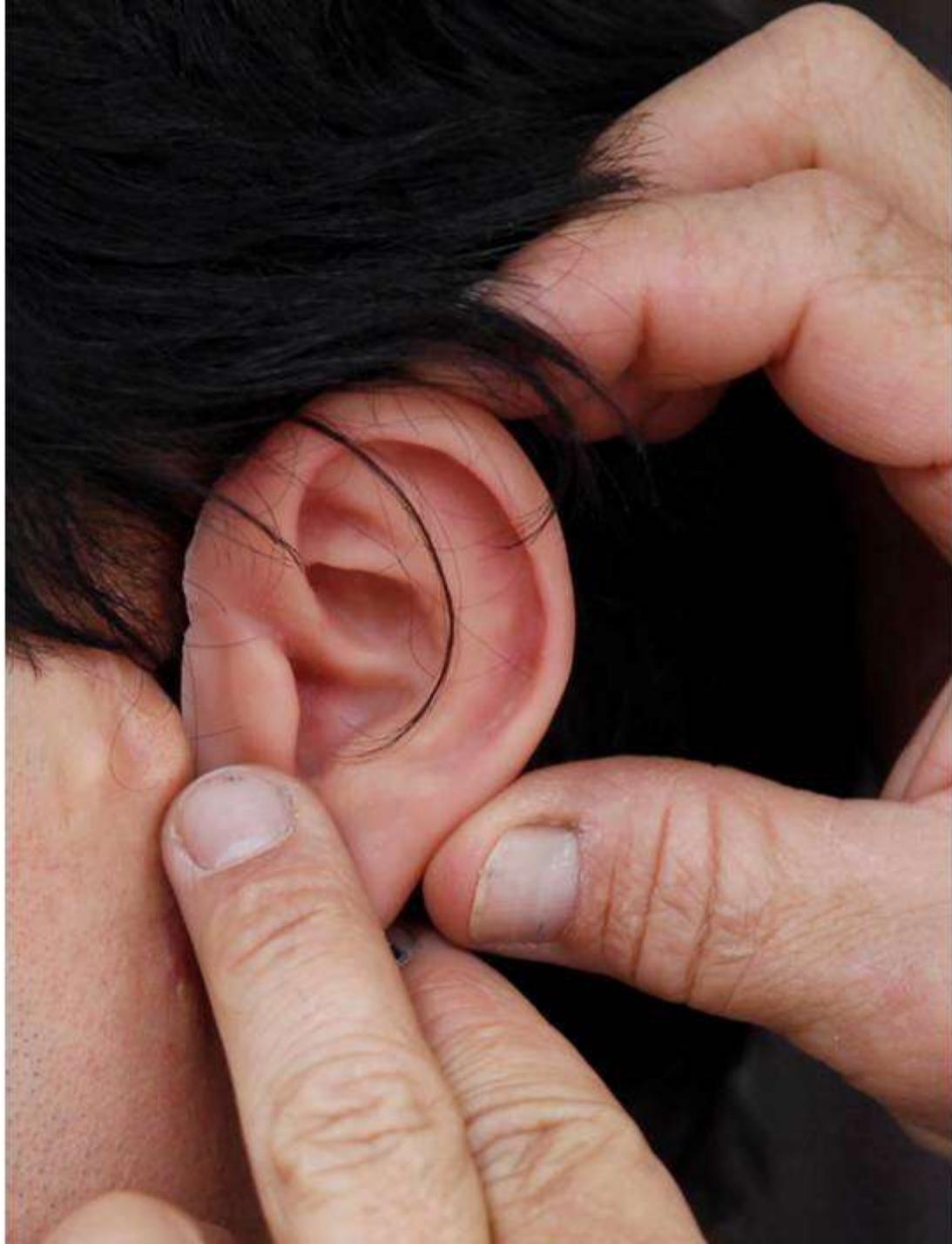
Fully washable and shower friendly and eco friendly too.







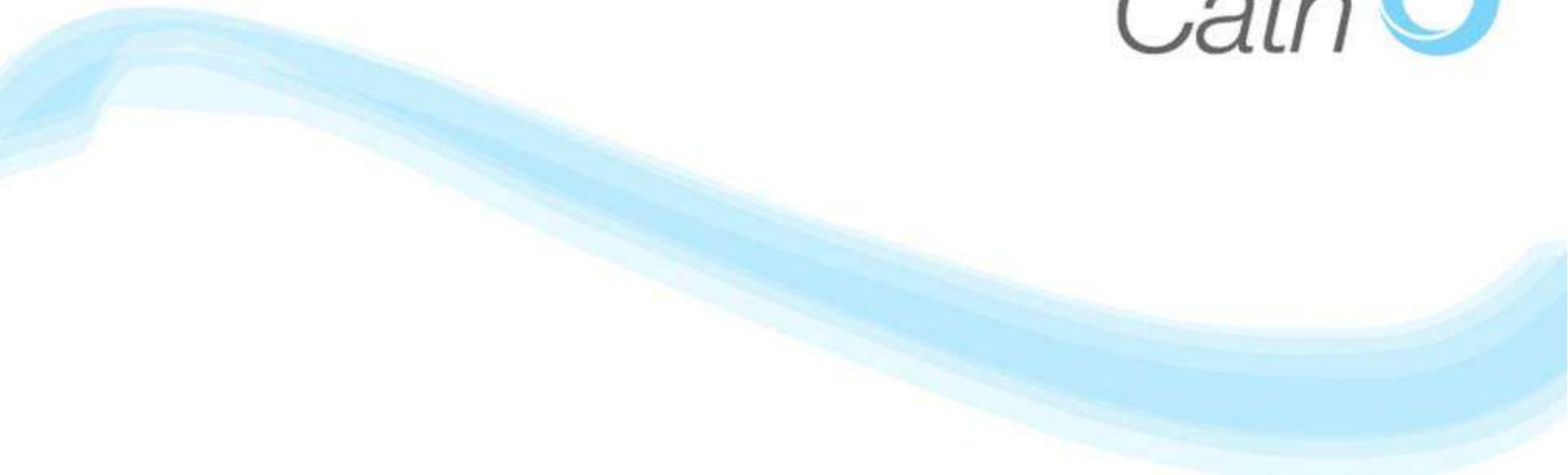








Compact
Cath



New Design for Intermittent Urinary Catheters

Privacy, hygiene and health in the palm of your hand

Current Catheters



**Big, Bulky,
Noisy, Messy.**

Not catheterizing
often enough

50%

61%

Ranked discretion
as #1 reason

Compact *Cath*



Compact
& Discreet

More
Hygienic

Easy to store,
use & dispose



Patients & opinion leaders say...

"important improvement"



Misty Blue
Nurse, Blogger, Self-Cath

"I like it, I like it!
I Can't believe
how tiny it is"



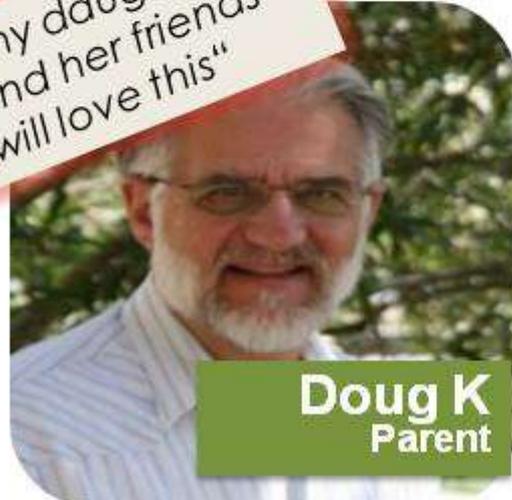
Amy Driscoll
Urology nurse
Former SUNA President

"most disruptive
innovation"



Dr. Bill Kennedy
Chief Pediatric Urologist
Stanford, LPCH

"my daughter
and her friends
will love this"

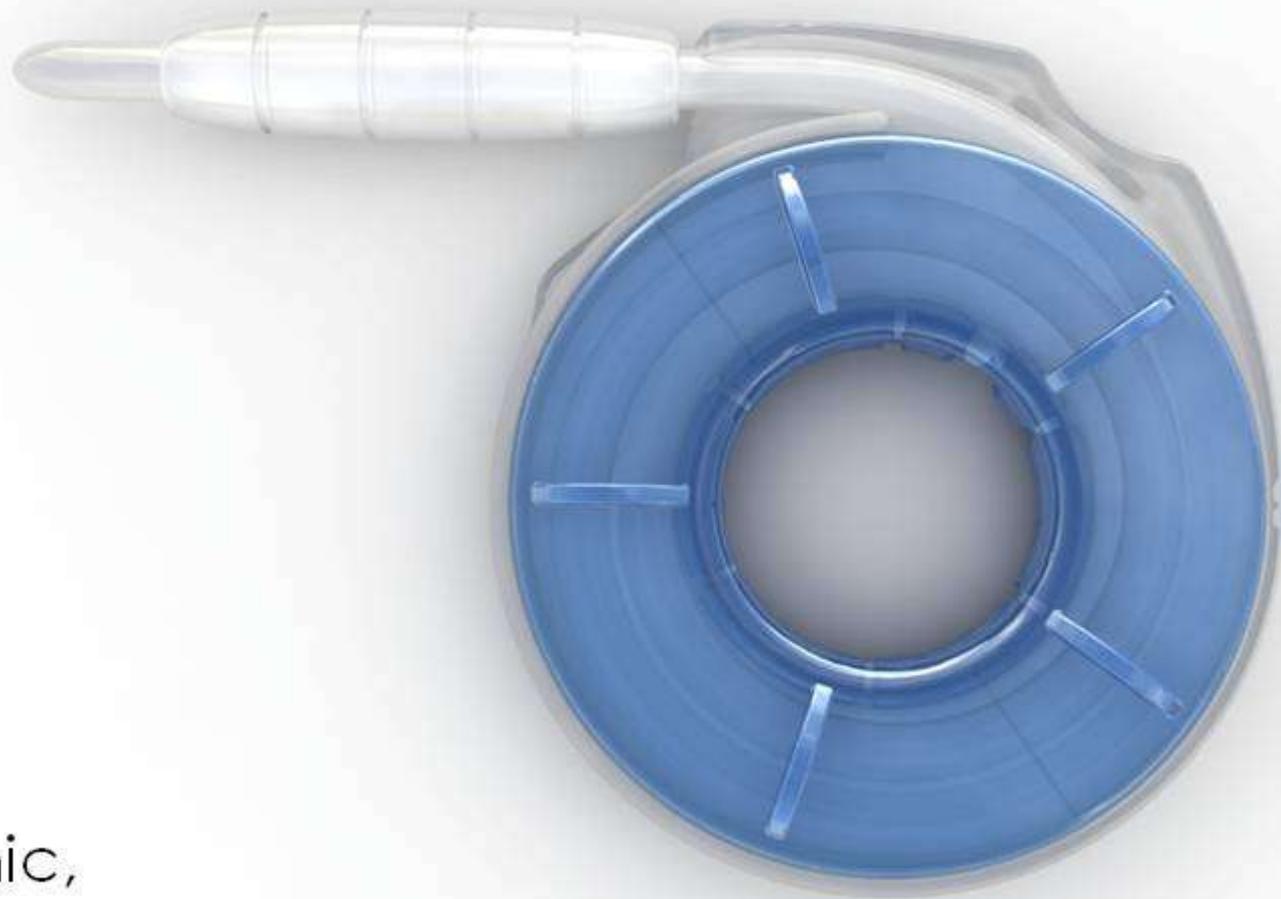


Doug K
Parent

"tots
awesome"



Kylee
Self-Cath



Hygienic,
Discreet & Easy to use
Pre lubricated urinary catheter



Hygiene sheath allows a non-touch insertion

Team

Naama Stauber, *Business*



Daniel Hong, MD



David Janka, MD



Myung Sun Choi, MSME, *Engineering*



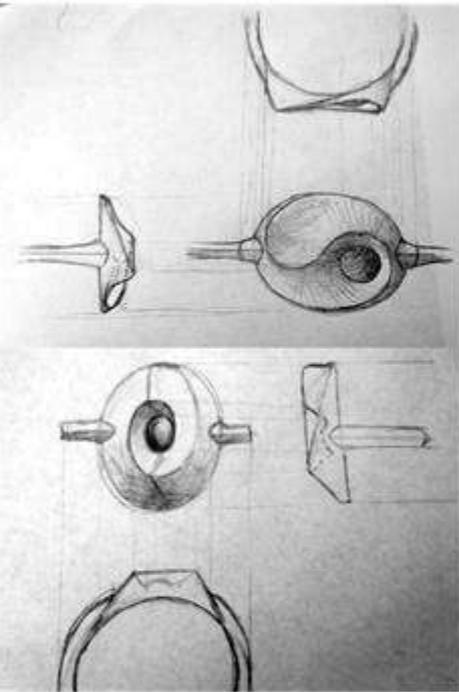
Reconsidering the Aesthetics of Emergency Call Devices



“I don’t like to wear it,
it’s not attractive.”

Naomi, 82 Lives alone in Lytton Garden Assisted
Living Facility in Palo Alto.





Pendant



← Hole through top protrusion is for a cord or bead stand to lace through for wearing

← Button in center protrudes, but not as far out as the highest area of the pendant so the button is protected from accidental touch. Pendant is a brushed nickel finish and has a brushed gold button in center.

Front View
diameter of pendant circle is 2"

thickness of pendant should probably be around 1/2" total
Hole through top protrusion should be about 1/4" (needs to be large enough for a small strand of beads to pass through.)



Bracelet



Dimensions: 1.5" wide x 1" for opening between ends is 1.2

Brushed gold area is actually a recessed button area.
Brushed nickel area is flared so that there are no sharp areas. All soft surfaces.



Winter Quarter- Assistive Technology

Created "Belle" a conceptual line of jewelry for older women who need emergency call devices.



Jitterbug	The 5Star	Link	Health & Medical Apps	Customer Support	MyGreatCall	Call to order : 1-800-650-5921
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The Store → Phones → iPhone 4S, 4

GelaSkins for
iPhone 4S, 4
\$14⁹⁵



LOVE LETTERS BY DEREK PROSPERO

Most Popular

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The Enamored Whale
Alberto Cerritano



Oversoul
Alex Gray



Good
Alex Noriega



Collections

* Most Popular

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Patterns & Textures

Wild, Wild World

The Classics

Good Karma

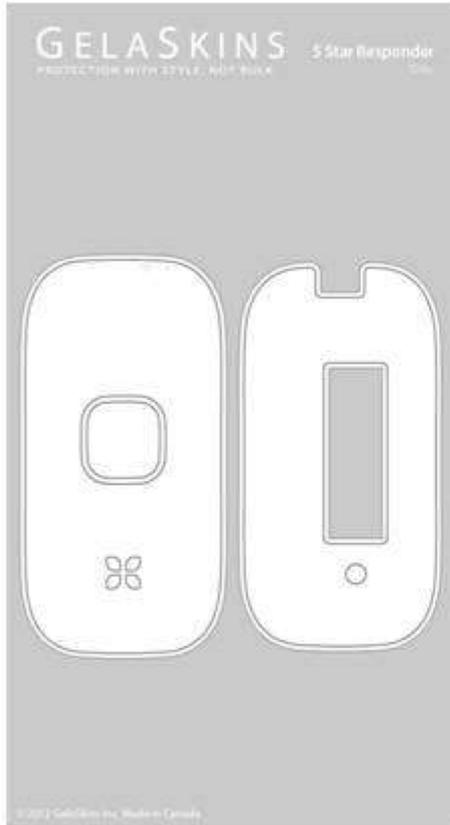
We Heart Comics

Book Lovers

In The Summertime

My ♥'s (0)

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GreatCall
Compass



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GreatCall
Flowers



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GreatCall
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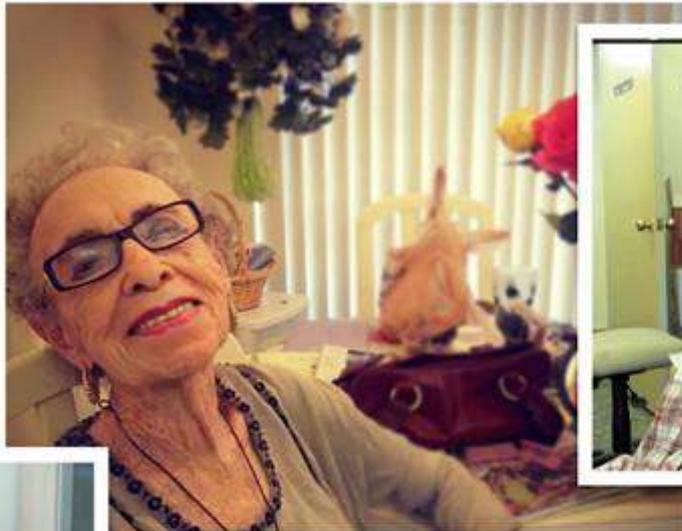
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Reviews & Stories

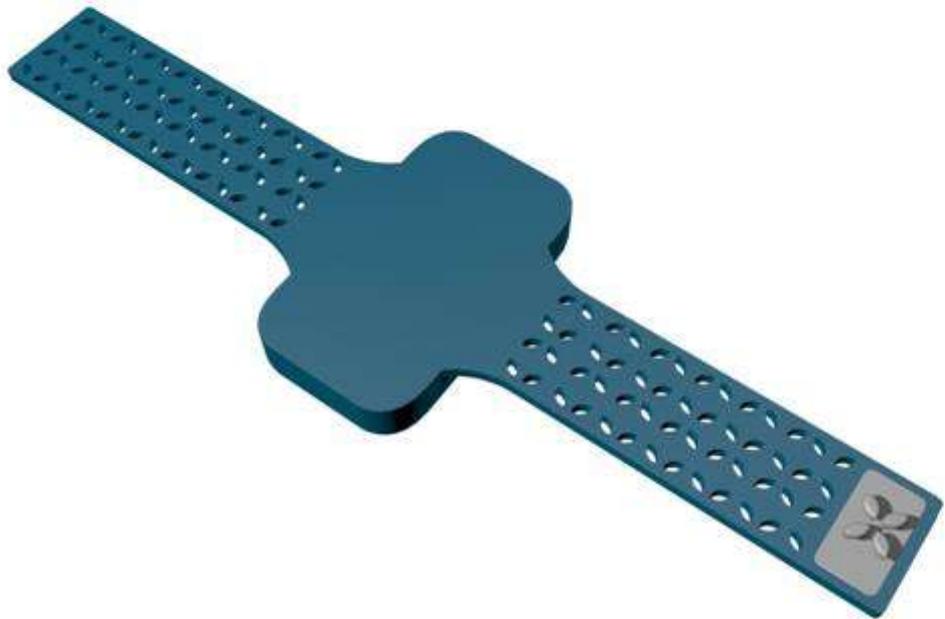
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5STAR urgent response





Smart Means... **Peace of Mind**

QMedic is the only medical alert solution that alerts when a user:

- ▶ is not wearing the device
- ▶ fails to get out of bed
- ▶ is out of home/inactive for extended periods

[LEARN MORE](#)

Peace of Mind

Reliability

Personalized
Design







21088

Smart Health[®] WALKING FIT

Automatic Tracking

Instantly measures:

Step Count

All-Day Calorie Burn

Auto-calculated Distance

Stores 1-Day Memory

Strap on and go!



Press the **START** button for 5 sec to turn watch on

Simply **press & hold** the button for your **Pulse Reading**

Instrucciones en español incluidas



To improve your **health** you have to **track** it.

EKG Accurate Heart Rate Watch

Smart Health[®]
WALKING FIT
Heart Rate Watch with Automatic Tracking



PRODUCTS

LifeTrak *Core C200*

Heart Rate
Calorie Burn
Steps
Distance
and more!

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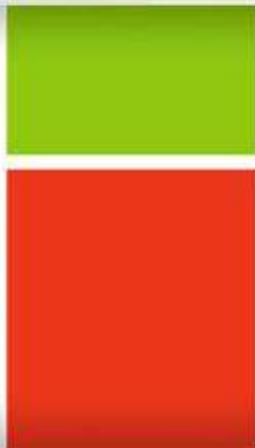
LifeTrak *Move C300*

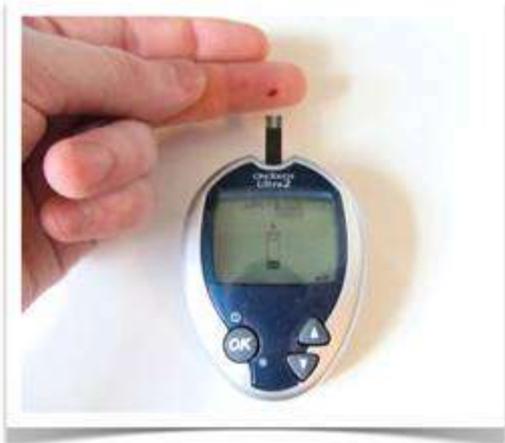
App Connected
Heart Rate
Calorie Burn
Steps
Distance
and more!

[MORE INFO >](#)

LifeTrak *Zone C410*

Automatic Sleep Detection
App Connected
Heart Rate
Calorie Burn
Steps
Distance
and more!

[MORE INFO >](#)



HOW IT WORKS

1: Patient takes pill which has been modified to contain edible microchip

2: After pill is swallowed, chip is activated by stomach fluids, sending a signal to patch on arm

3: Patch contains receiver which decodes data about drug

4: Receiver transmits information to mobile, telling patient when next dose is due and provides other health data

0.5mm

The diagram illustrates the process of an edible microchip. It shows a person taking a pill, a diagram of the stomach where the chip is activated, a patch on the arm that receives the signal, and a smartphone that displays the data. A small pill is shown with a 0.5mm scale bar.

THANK YOU.

Questions? Comments?

Contact me at

julesherman@alumni.stanford.edu

www.redesignhealthcare.org