



Blood Pressure Support Frame

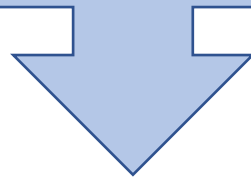
Kimberly A. Jones MA, BSN-RN
Robert W. Smith OTR/L

IDEA² 2022, Review Workshop , October 3rd, 2022



Adjusting to life with limb loss is difficult and makes routine activities more challenging.

- 46,214 veterans who are amputees of at least one arm
- 80% or more suffer from hypertension
- All of them need their blood pressure tested on a regular basis

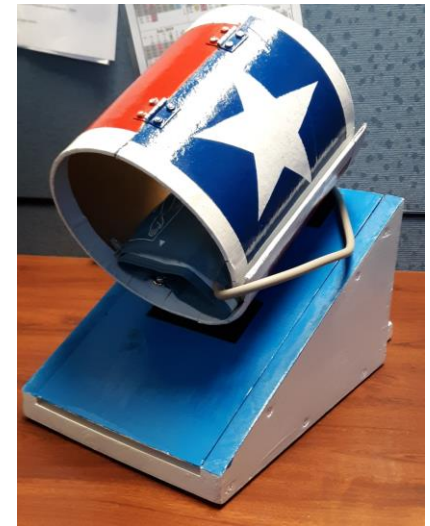


**Many cannot operate a
blood pressure cuff independently**



Our solution

- A personal cost-effective frame
- Holds an available Bluetooth-enabled blood pressure cuff open
- Anyone with difficulty applying a cuff will be able to utilize our frame
- Allows self-care and decrease the number of trips to medical facilities



	Commercial "do it yourself" model	Medical office model	Our model
Ease of use	No	No	Yes
Home use	No	No	Yes
Cost	\$3500	\$2800	\$200 with the cuff
Ambidextrous	No	Yes	Yes
Data sent to the doctor	No	Yes	Yes

Traction



- VA Innovation Network Spark Seed Spread Program
- VA-owned technology



- NDA in process. Prototype built



- Provides Bluetooth-enabled cuff

- VA upper management by-in:

Mr. Ng – director VA Boston Health Care System

Mr. Lilly – network director, VA New England

Dr. Ryan Vega - Chief Officer, Office of Healthcare Innovation and Learning



Our Team

Kim: Your photo here

Kimberly A. Jones MA, BSN-RN
Master Preceptor Home TeleHealth

Bob: Your photo here

Robert W. Smith OTR/L
Home Based Primary Care

Advisor in the VA? Samantha
Sissel, Allison Armerain
Someone else? Jeff and Brian
(local contacts from Cognosante)



David Rothkopf Mercedes Balcells
IDEA² Mentors



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Update for IDEA²

Our June goals:

1. Is there a partnership in place?
 - Cognosante is a VA approved vendor.
 - NDA with Cognosante being finalized by VA legal team
2. Solidify IP
 - Spoke with VA Tech transfer: no patented product
3. What is the product?
 - The frame itself
4. How are we going to manufacture prototypes?
 - **Working with Cognosante who has already started modifying your prototype**
5. Who is paying?
 - The VA
6. Who is the user?
 - VA veterans, but can be spread to other users