

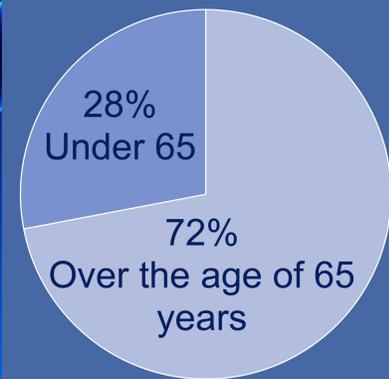


Goal: To reduce back pain, discomfort, and pressure sores for elderly manual wheelchair users while remaining within their financial limits

## Problem



Depression & Dementia  
Discomfort  
Back Pain  
Pressure Sores



60,000 people die annually from pressure ulcers which is equivalent to 168 people dying daily.

## Solutions

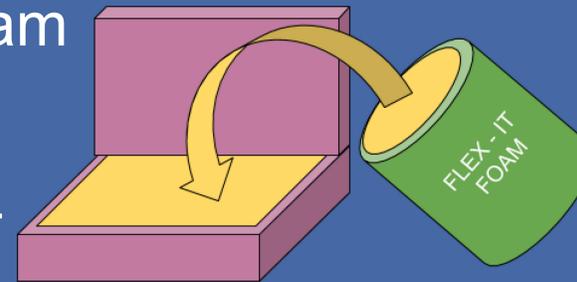
	Adjustable Frame	Cushion	Custom Cushion	Flex-iT Foam
Lifespan				
Pain Reduction				
Cost				
	\$1000+	\$20-80	\$1500+	\$20

## Implementation

1. Contact DEKA Research and Development Corp. with our concept
2. Create instructions and kit to create cushions
3. DEKA Corp sells cushions, including tips on managing back pain
4. After implementation, expand kit to all ages.

## Flex-iT Foam

Flex-iT Foam is poured into a mold, then rises.



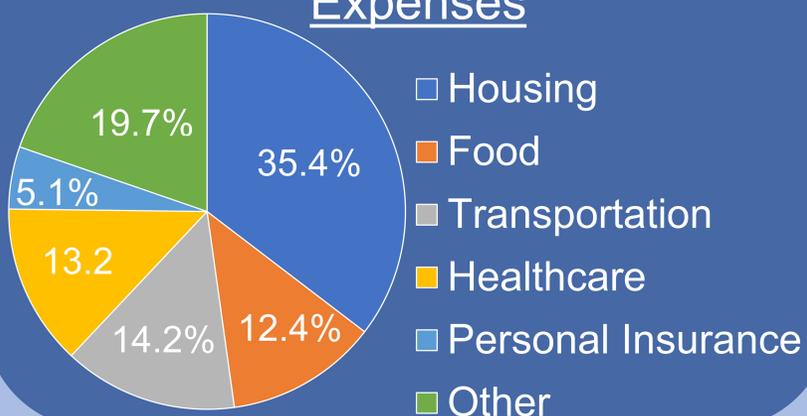
The user sits on top of a protective layer until the foam has solidified.



## Financial Constrictions

Average Social Security

\$1,360 Monthly = \$16,320 Yearly Expenses



## Assessment Plan

Work with Benchmark Assisted Living to evaluate effect of Flex-iT cushions.



Conduct evaluations every 6 months for a total of 4 years.

## References

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Image  
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Benchmark Recognized as Great Place to Work®. (n.d.).