



Senphonics



# Senphonics

## Next Generation Wearable Technology



TechConnect Innovation Pitch  
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Philipp Gutruf  
[www.senphonics.com](http://www.senphonics.com)  
[pgutruf@arizona.edu](mailto:pgutruf@arizona.edu)



[pgutruf@email.arizona.edu](mailto:pgutruf@email.arizona.edu)



## The Problem

1 in 5 individuals suffer from mental illness



Incidences of mental illness has **increased by 17%** since 2017.



Infrastructure to support patients has **decreased by 80%** since 1970.



Current technology is **unsuitable** for use in residential behavioral health clinics.





## The Opportunity

Behavioral health facilities **require 24/7 patient monitoring.**



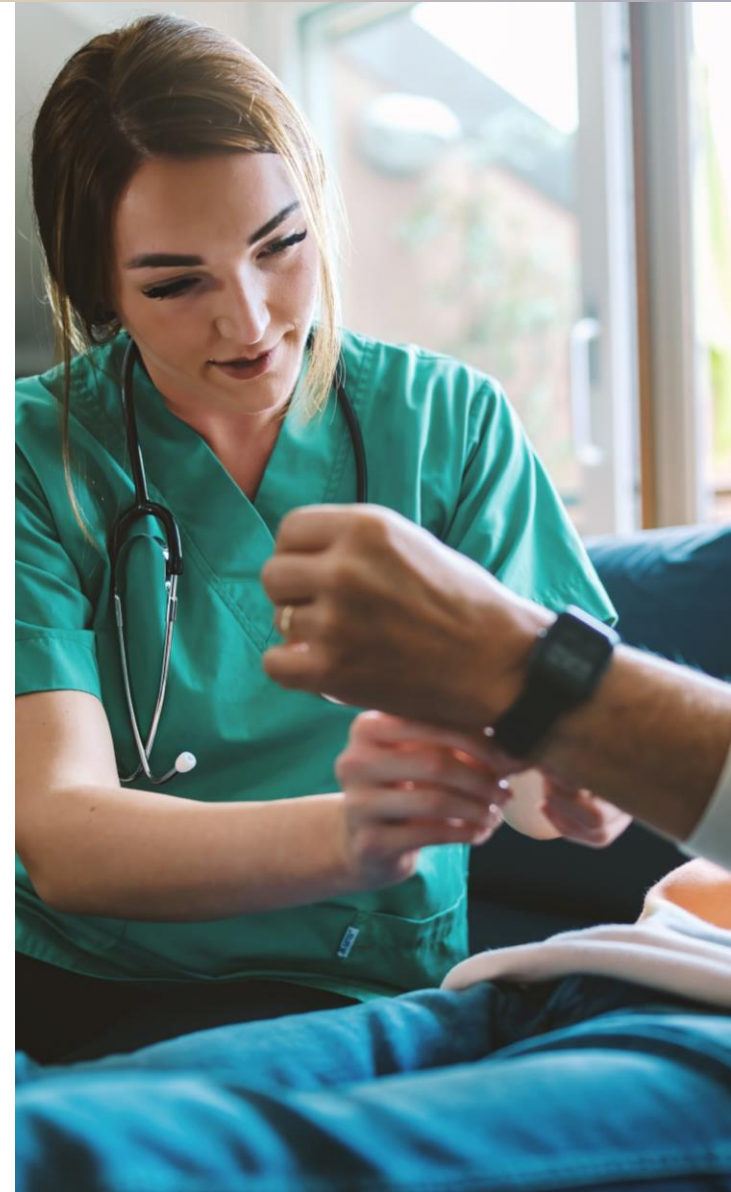
**Monitor patient location and vitals every 30 minutes.**



Solutions must be safe to the wearer and **must not require power outlets.**



Facilities receive a bulk fee for every patient **reduce staffing cost directly impacts the bottom line**





## Our Solution

### Customized Design

Designed using patented digital design process.



US202163159884P

### On-Body Wireless Power Transfer

24/7 operation without removal for recharging.



US Patent App. 17/791,523

### High-fidelity Data Aggregation

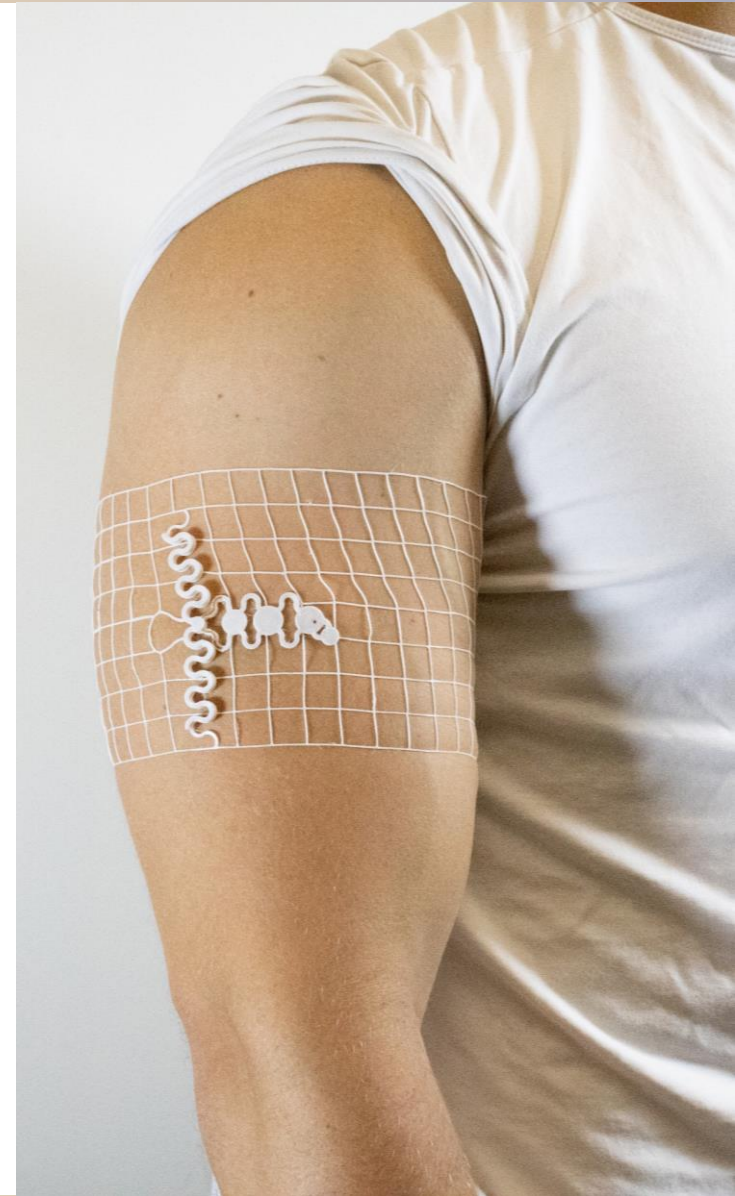
Clinical grade, multimodal data collection.



US20230041196A1

### Internet of Things Integration

Bluetooth and LoRa communication connectivity.





## The Market

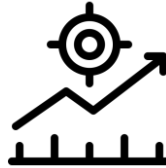
### Market Metrics

6000 Active Residential Facilities  
\$875,000 Annual Operational Cost



### Beachhead Market

20 Beds per Facility  
Hardware: \$1,500 per Bed  
Software: \$10,000 Subscription



### Serviceable Obtainable Market

\$72 Million





## Future Directions

**Residential Behavioral  
Health Clinics**



**Performance Athletics**



**Remote Patient  
Monitoring**



**Military Triage**

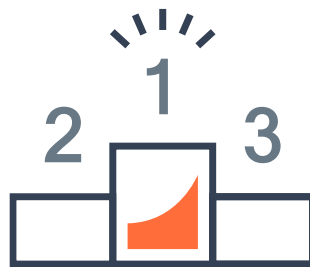




## Conclusion

### Competitive Advantage

- Wireless, Interaction-free Device Recharging
- Clinical-grade Biosignals Collection
- Uninterrupted Wearability



### Opportunity

- Unique solution for voluntary in patient health market
- Growing need
- Strong pull from facilities and patients



### Next Steps

- Seed Funding for System Validation in clinic
- Board and CEO Identification

