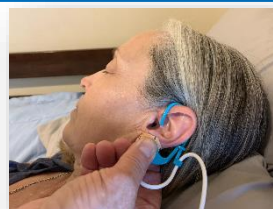




OXY-FIT LLC  
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Phone: 505-573-7555  
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## OXY-FIT DISPOSABLE EAR PULSE OXIMETER SENSOR HOLDER

### Technology / Capability Overview:

OXY-FIT PULSE OXIMETER SENSOR HOLDER DEVICE is simple to use on injured warfighters by medics in the field. It secures the sensor on the best site, the ear, for the most accurate analysis of oxygen saturation of the warfighter even with the loss of the warfighter's collateral circulation from injuries sustained.

- Device is ready to for warfighter to use
- Adjustable to fit children or adults made of flexible memory material
- Disposable single person use, avoiding cross contamination and increasing infection control
- Inexpensive, durable, securement device that reduces sensor cost to the military by 75% of its current cost

### Relevance to Combatant Command or other Need:

**Category\*** : Medical Device

- Is a compact, durable, transportable diagnostic enhancement tool on the battlefield and in transport for wounded or injured warfighters



- Device is adjustable flexible material fits every warfighter
- Used in operational settings, transporting and hospitals
- Saves the military millions of dollars
- Cost is \$3.00 per unit/ capabilities are 1 million units per month

### Past Performance of Technology and Company:

- Hospital studies at University Medical Ctr. El Paso, TX
- Hospital/transport studies ICU/OR/IMC Mountain View Regional Medical Ctr. Las Cruces, NM
- Hospital studies Lovelace Medical Albuquerque, NM
- Hospital studies Valley View Hospital Glenwood Springs, CO
- Hospital studies UNMH Albuquerque
- Hospital studies CCU Presbyterian Hospital Albuquerque, NM



### Maturity / Scalability / Cost / Schedule

**TRL : 9**

- Demonstrated and trialed on large municipal hospital systems as well as transport with positive endorsements
- Can easily adapt to any increased market demand
- Cost reduces current purchases of pulse oximeter sensors by 75%
- Device is ready to market, manufacturing capacity can be expanded to 25 million per year

**Timeline without financial assistance:**

Device is ready now. Several months to do in-services

**Timeline with financial assistance:**

Assistance of \$50,000-\$75,000 to create stand alone wireless sensor  
3-6mo

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Email: [EIAdmin@ksbdc.net](mailto:EIAdmin@ksbdc.net)

\* Relative to Combatant Command Common Capability Needs Chart at:  
<https://defenseinnovationmarketplace.dtic.mil/wp-content/uploads/2020/02/CCMD-Common-Capability-Needs-Feb-2020.pdf>