

# ORTHOTICS AND PROSTHETICS OUTCOMES RESEARCH PROGRAM (OPORP)



**CDMRP**  
DEPARTMENT OF DEFENSE  
CONGRESSIONALLY DIRECTED  
MEDICAL RESEARCH PROGRAMS

FY23  
Appropriation:  
**\$15M**

## MISSION

Advance orthotic and prosthetic research to optimize evidence-based care and clinical outcomes for Service Members, Veterans, and persons with limb loss and limb impairment

The OPORP was established by Congress in 2014 to support research of exceptional scientific merit with the potential to make a significant impact on improving the health and well-being of Service Members, Veterans, and other individuals living with limb deficit. The OPORP supports research on outcomes-based best practices through analysis of prosthetic and/or orthotic device options that are clinically available. Research on the development of new devices or improvement of existing orthotic or prosthetic technology cannot be supported by the OPORP; however, development and employment of new approaches and tools for measuring outcomes is allowed and encouraged.

## EXPANSION OF PROGRAM SCOPE

New for FY23, the OPORP is interested in expanding the impact of the research within the OPORP portfolio by funding orthotic- and prosthetic-outcomes research to include, but not limited to, topics in...

Stroke NEUROPATHY Diabetes  
Vascular Disease Infection  
TRAUMA/INJURY

## DID YOU KNOW?

- Across the estimated 2 million Americans living with limb loss, vascular disease and trauma are the leading causes of amputation.
- Stroke continues to be the leading cause of long-term disability in the United States. Strokes can cause long-term health effects, often resulting in weakness and paralysis of muscles that can be improved with orthotic devices.
- In persons with diabetes, improved prosthetics and orthotic outcomes can reduce the number of disease-related amputations.
- Orthotic devices can provide limb support and protection to patients who suffer from neuropathy, secondary to physical injury or disease.
- In persons with chronic wounds or infection, improving orthotic treatment outcomes may help reduce the rate of limb amputations and increase limb salvage options.

## FISCAL YEAR 2023 (FY23) STRATEGIC GOALS

OPORP Strategic Goals are focused on enhancing outcomes for Service Members, Veterans, and all persons affected by limb loss or limb impairment, including optimization of function, comfort, and performance.



Optimize patient-specific **TECHNOLOGY PRESCRIPTION**



Optimize patient-specific **REHABILITATION REGIMENS**



Support **STANDARDIZED ASSESSMENT** of patient outcomes related to prosthetics and orthotics

**For more information, visit: <https://cdmrp.health.mil/oporp>**

# FY23 OPORP Award Mechanisms

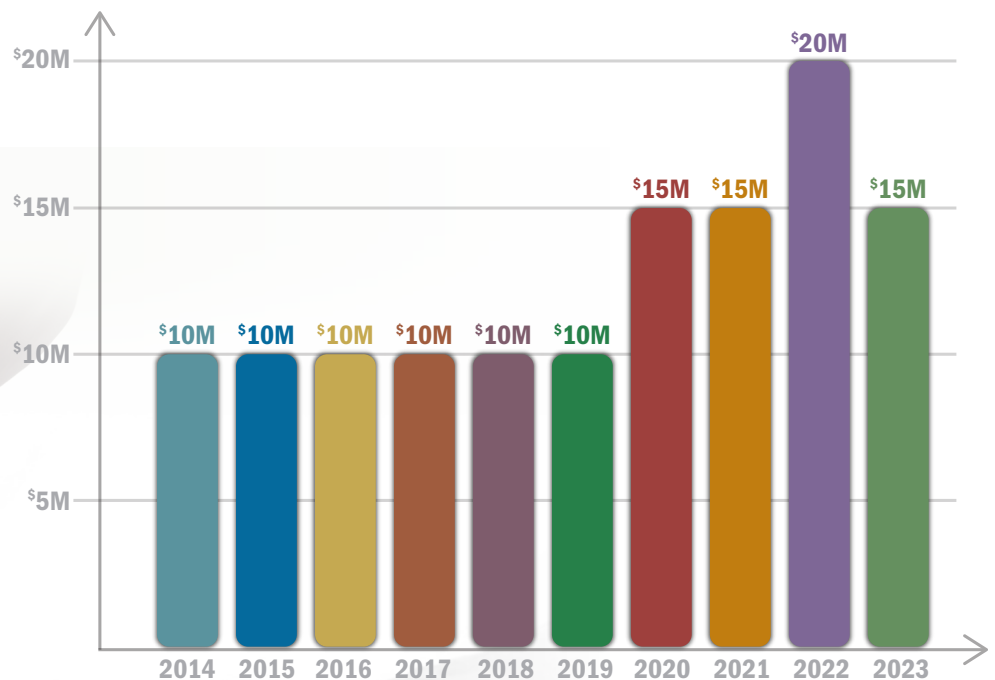
## FY23 CLINICAL TRIAL AWARD (CTA)

- Supports the rapid implementation of **clinical trials** with the potential to have a significant impact on improving the health and well-being of Service Members and military beneficiaries, Veterans, and other individuals with limb loss and/or limb impairment.
- Supports **clinical trials** that evaluate orthoses and/or prostheses using patient-centric outcomes for the purpose of generating clinically useful evidence to enhance and optimize patient outcomes.
- The CTA offers **two Funding Levels**.

## FY23 CLINICAL RESEARCH AWARD (CRA)

- Supports **clinical research** that evaluates orthoses and/or prostheses using patient-centric outcomes relevant to Service Members and military beneficiaries, Veterans, and other individuals with limb loss and/or limb impairment.
- Research supported by this mechanism is intended to generate clinically useful evidence with potential to optimize patient outcomes and inform clinical or policy decisions.
- The CRA offers **two Funding Levels**.

## FY14-FY23 OPORP Funding History



## OPORP Award Outcomes



For more information, visit: <https://cdmrp.health.mil/oporp>