



# CDMRP & polycystic kidney disease

Congressionally Directed Medical Research Program (CDMRP)

LEGISLATIVE **PRIORITY**

## What polycystic kidney disease (PKD) means for patients



**PKD is a genetic disease**  
**50% chance** of passing the disease to their children, so it often affects many people in one family.<sup>1</sup>



**Kidney failure in mid-life**  
**57 years old** is the average age at which PKD patients reach renal failure.<sup>2</sup>

*Once a patient reaches renal failure, the only option for survival is dialysis or a transplant.*

## What PKD means for the military



**Train and place service member**  
**\$4.7B** spent on training and recruiting in FY16<sup>3</sup>



**Early end to their military service**  
**5,000** of the 2.15 million service members may have PKD, meaning significant loss of recruitment and training investment when these individuals reach renal failure.<sup>4</sup>

*Kidney failure in mid-life essentially removes an individual from military service when they are in their prime.*

Significant dollars are spent to train and place a single service member; this investment is finally starting to pay off just as PKD begins to take hold, effectively grounding the individual and, in some cases, ending their military career.

An effective treatment or cure for PKD would not only save PKD patients from the pain and suffering caused by the disease, it would allow affected service members to stay in active duty, serving their country for the entirety of their careers.

Average yearly cost per patient

**Transplant**

**\$34,752<sup>5</sup>**



**Dialysis**

**\$89,400<sup>6</sup>**



1. [pkdcure.org/what-is-pkd/adpkd/what-causes-adpkd](http://pkdcure.org/what-is-pkd/adpkd/what-causes-adpkd)
2. [report.nih.gov/nihfactsheets/viewfactsheet.aspx?csid=29](http://report.nih.gov/nihfactsheets/viewfactsheet.aspx?csid=29)
3. [comptroller.defense.gov/Portals/45/Documents/defbudget/fy2016/fy2016\\_OM\\_Overview.pdf](http://comptroller.defense.gov/Portals/45/Documents/defbudget/fy2016/fy2016_OM_Overview.pdf) — page 13
4. [defense.gov/Our-Story](http://defense.gov/Our-Story)
5. [nkf.egnyte.com/dl/EtdEMoJeis](http://nkf.egnyte.com/dl/EtdEMoJeis)
6. [nkf.egnyte.com/dl/GMmWL43PKU](http://nkf.egnyte.com/dl/GMmWL43PKU)

## Peer Reviewed Medical Research Program (PRMRP)

PKD Researchers have been part of the Peer Reviewed Medical program since 2006.

**\$26M** research dollars

**22** research projects

- 2** Clinical Trial Awards (generic drugs metformin and statins)
- 1** New Investigator Award
- 11** Investigator-Initiated Awards
- 8** Discovery Awards



### Our request

**\$20M line item** for Polycystic Kidney Disease Research Program (PKDRP)

## Now is the time to increase PKD research investment.

- > Only one drug approved for PKD, and it is not perfect (does not prevent kidney failure, significant side effects)
- > Therapies that could stop the progression of PKD would save service members, their children and the American public from kidney failure. This would keep these men and women as active military members, save millions of government dollars and countless lives.
- > Large generic drug potential, but no money to fund trials
- > Still learning basic science, the more we know the closer we are to a treatment

Support PKD patients by calling for a dedicated PKD Research Program (PKDRP).

**Small cost, huge impact.**

# Support the PKDRP.

### Questions?

For more information, contact us at [pkdadvocacy@pkdcure.org](mailto:pkdadvocacy@pkdcure.org)