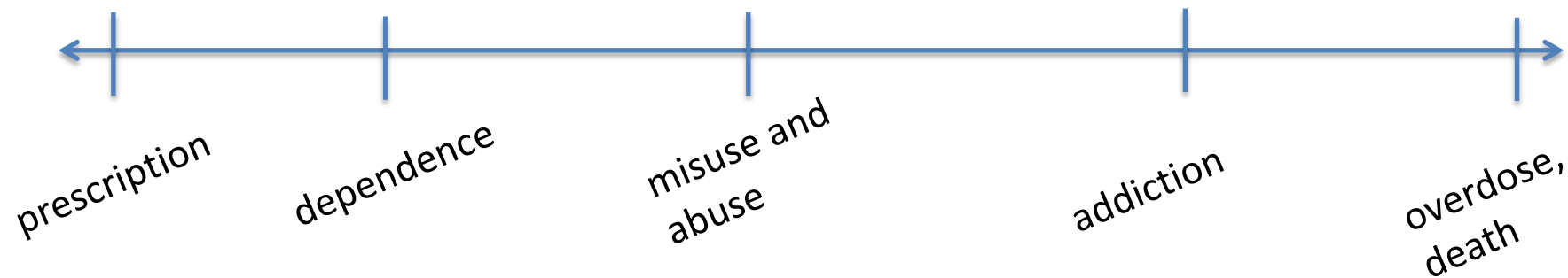




Data Driven Addiction Prevention and Support

University of Virginia
2017 Governors Datathon



Awareness
Education
Support
Prevention



prescription

dependence

misuse and
abuse

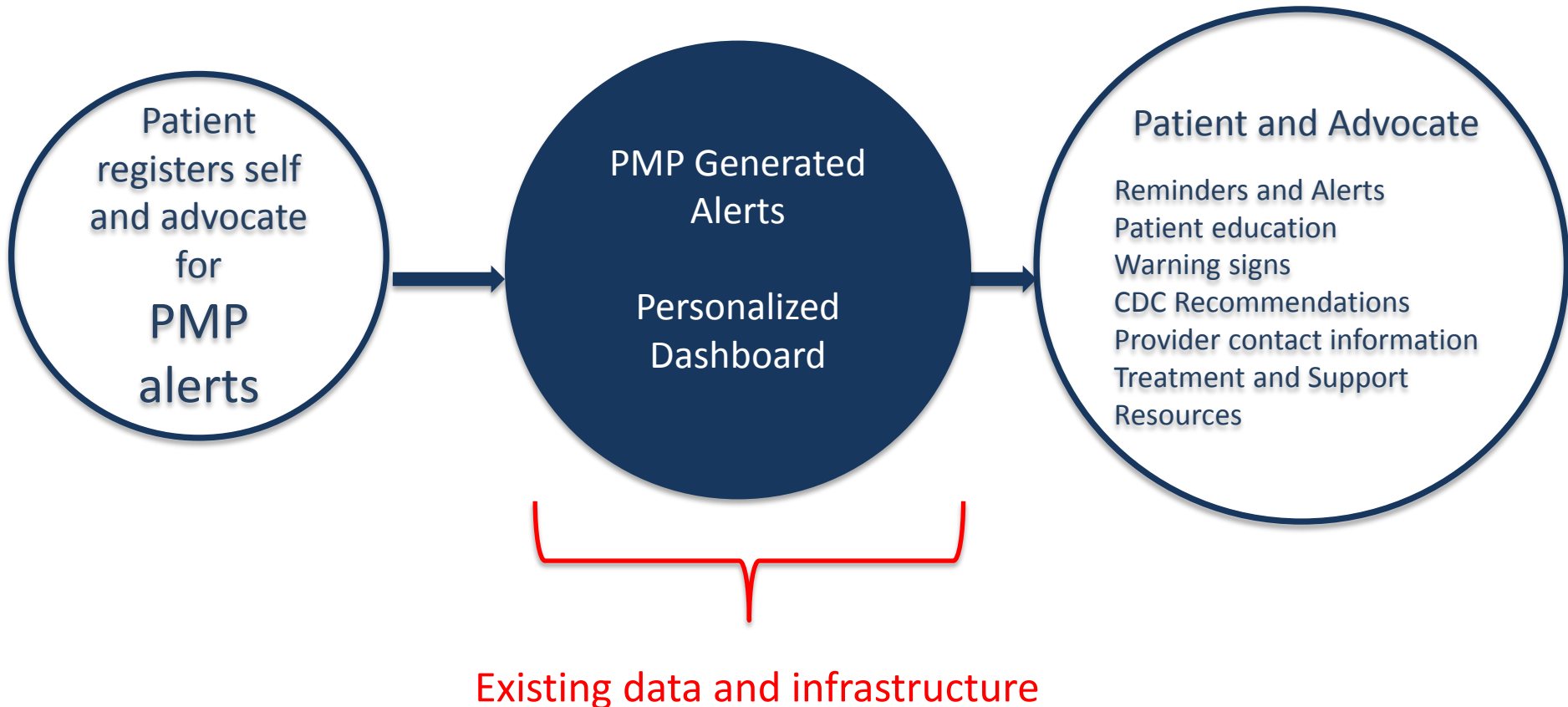
addiction

overdose,
death

How do we promote relevant, personalized education before opioid misuse, abuse, or addiction occurs?

OnTRACK-PMP

Utilizing a personal “advocate” and existing data to support patients through the safe use of prescription opioids.



Initial Email: Jane, 20 year old female

From: OnTrack- PMP
PMP OnTrack Sign Up
To: Jane Smith; Mary Smith

Hello Jane and Mrs. Smith,

Welcome to OnTrack. You or a loved one has recently been prescribed an opioid drug for pain management. The goal of this program is to help you safely manage your pain.

Anyone who takes prescription opioids can become addicted to them. You may also develop tolerance—meaning that over time you might need higher doses to relieve your pain, putting you at higher risk for a potentially fatal overdose. You can also develop physical dependence—meaning you have withdrawal symptoms when the medication is stopped. Even taking opioids for as few as 3 days can increase your risk of chronic opioid use. Because of these risks, it's important to talk with your physician about any concerns to make sure you're getting the safest and most effective care. This program, OnTrack, also utilizes a family member or friend that you designate as your supporter to ensure you have a robust support system to supplement your physician care.

Based on your prescription and PMP history, we have created a real time dashboard to help you monitor your risk. Opioid use disorder is a serious medical issue that affects x people and can be prevented and treated successfully using early detection. The earlier you recognize you may be becoming dependent the easier it is to treat. You can access your dashboard at this link: www.OnTrackPortal.com

Thanks for your participation and stay healthy!
OnTrack Team

Resources:

Physician contact information: (pre-populated from sign up form)

CDC nonopioid treatment (talk to doctor):

https://www.cdc.gov/drugoverdose/pdf/nonopioid_treatments-a.pdf

How to safely store drugs: <https://www.cdc.gov/Features/MedicationStorage/>

How to dispose of drugs:

<https://www.fda.gov/Drugs/ResourcesForYou/Consumers/BuyingUsingMedicineSafely/EnsuringSafeUseofMedicine/SafeDisposalofMedicines/ucm186187.htm>

Treatment services: <https://findtreatment.samhsa.gov>

Relevant hotlines: SAMHSA's National Helpline: 1-800-662-HELP (4357)

Education

Dashboard
Link

Resources

Alert to Advocate: Prescription Refill

From: OnTrack- PMP
PMP OnTrack Advocate Alert!
To: Jane Smith; Mary Smith

4)

Hello Mrs. Smith,

We have noticed that your loved one has filled another 7 day prescription for oxycodone. We just wanted to inform you of that with with each additional prescription filled, risk of long term opioid use increases. This may be a good point to check in with your loved one.

Here are early warning signs of dependence. If you notice these behavior changes, discuss your concerns with them or contact their physician at 18009292929.

Thanks for your participation and help Jane stay OnTrack!
OnTrack Team

Resources:

Resources for families: <http://vaaware.com/treatment-recovery/support-for-families/>

How to bring up difficult issues: <https://the20minuteguide.com/>

Treatment services: <https://findtreatment.samhsa.gov>

Relevant hotlines: SAMHSA's National Helpline: 1-800-662-HELP (4357)

Alert: Second Prescription

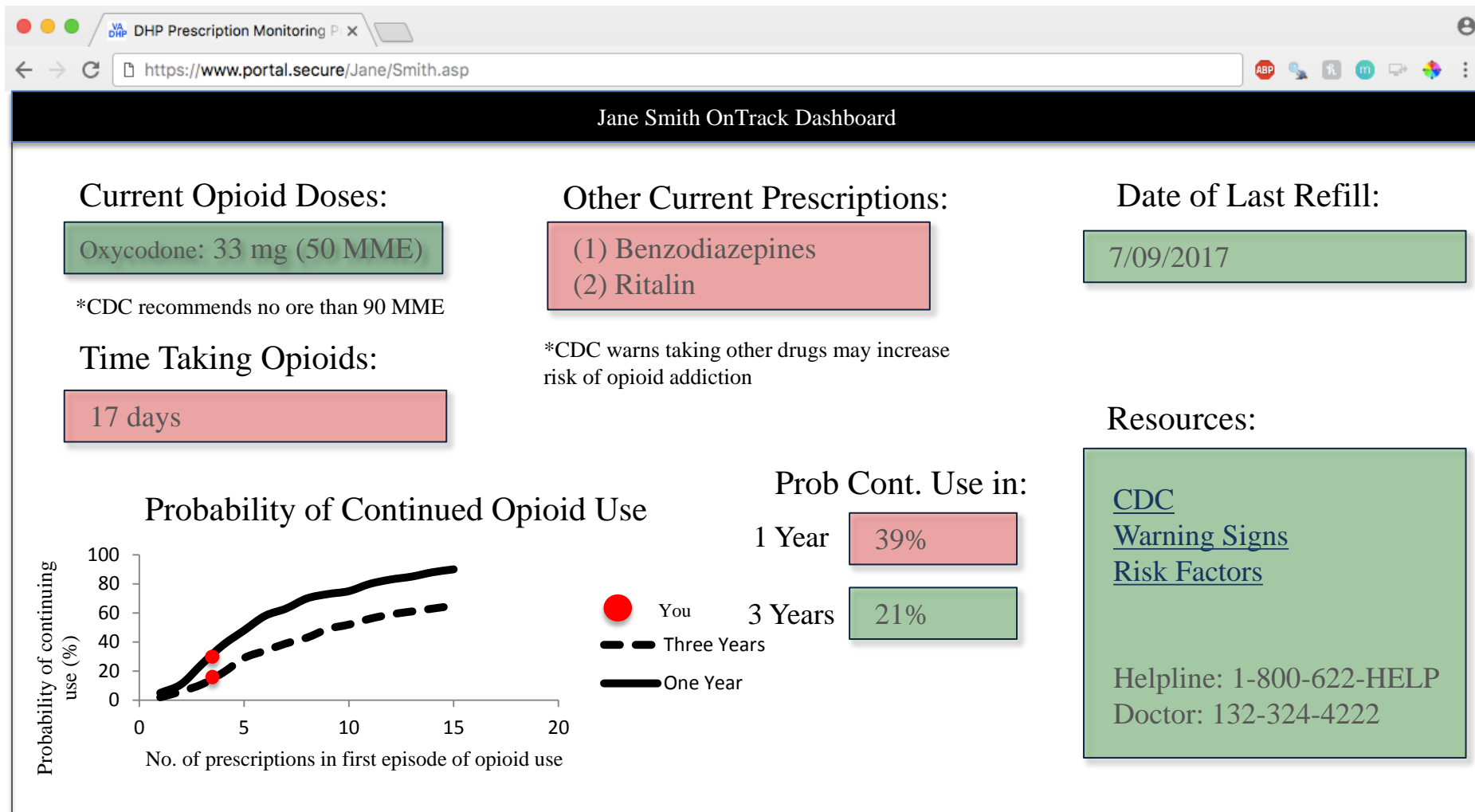
Risk Education

Call to Action

Resources

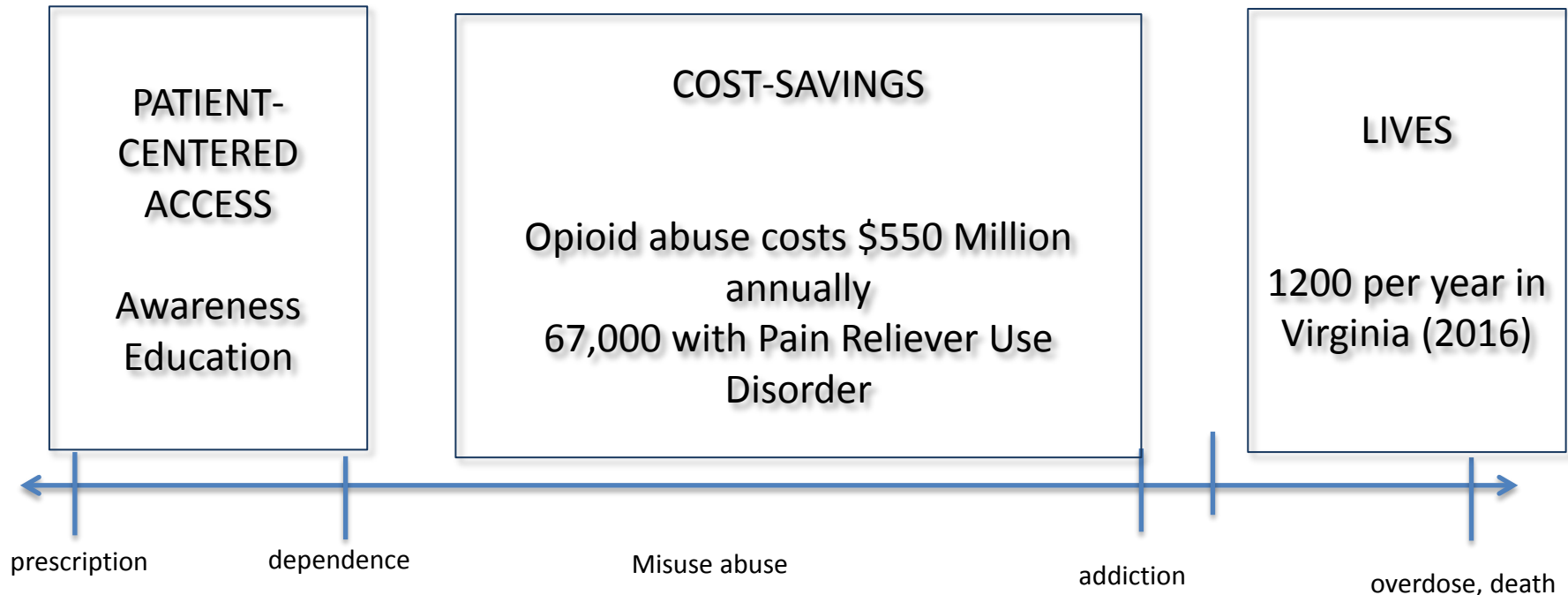
How can Jane and her advocate more closely monitor her prescription drug use?

Jane's PMP dashboard hosted on a secure server allows her to visualize her risks



What's the potential impact of *OnTRACK-PMP*?

Increased awareness, decreased healthcare costs, decreased mortality



Early detection and an organized, data driven support system can prevent opioid misuse, abuse, and addiction.

Technical Flowchart

