Preventing Suicide with Artificial Intelligence

StrategyShare18
Vanderbilt University Medical Center
June 26th, 2018

Colin G. Walsh
Today, 123 Americans Will Die

Screening takes time...

If we think to do it.

Warning signs may be missed.
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Screening takes time...

If we *think* to do it.

Warning signs may be missed.

Tennessee’s suicide rate is highest in 5 years
Talent & Tragedy

Two beloved icons separately end their lives amid questions about depression, despair and the children and legacies they each leave behind.
Universal Suicide Screening in Hospitals Can Be Successfully Implemented

Added on January 4, 2018 in General News, Press Releases
What do we need?

The Right Treatment

123
What do we need?

The Right Treatment

To the Right People
What do we need?

The Right Treatment

To the Right People

At the Right Time
Imagine…

High → Evaluate and Treat

Med → Screen Further

Low → Business as Usual
Artificial Intelligence (AI) to Predict Suicide

- Use data we already have
- To predict who is at risk and when
Why Improve Screening with AI?

Save Time

123
Why Improve Screening with AI?

Save Time

Save Effort
Why Improve Screening with AI?

- Save Time
- Save Effort
- Save Lives

ZERO Suicide