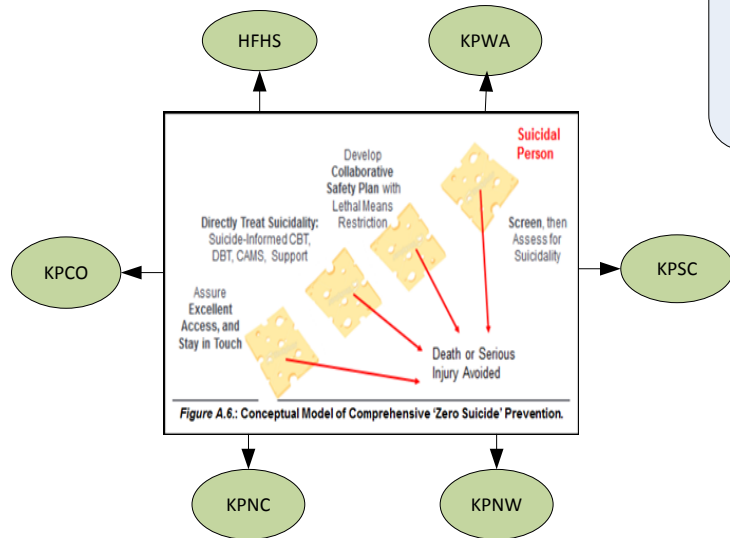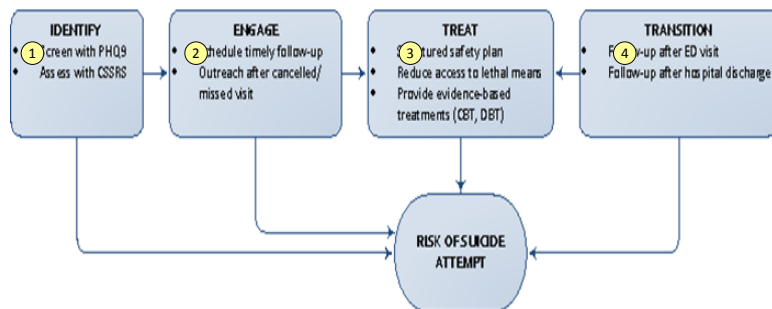# OVERALL FLOW DIAGRAM

## Health System Activities

Participating health systems have implemented or are implementing various components of a **National Zero Suicide Model (NZSM)**

HFHS  KPWA

KPCO  KPSC

KPNC  KPNW



**Suicidal Person**

Develop Collaborative Safety Plan with Lethal Means Restriction

Screen, then Assess for Suicidality

Directly Treat Suicidality: Suicide-Informed CBT, DBT, CAMS, Support

Assure Excellent Access, and Stay in Touch

Death or Serious Injury Avoided

*Figure A.6.: Conceptual Model of Comprehensive 'Zero Suicide' Prevention.*

Participating systems have chosen or will choose NZSM strategies within these 4 components to implement at their respective health systems with the aim of reducing suicide

**IDENTIFY**
- ① Screen with PHQ9
- Assess with CSSRS

**ENGAGE**
- ② Schedule timely follow-up
- Outreach after cancelled/missed visit

**TREAT**
- ③ Structured safety plan
- Reduce access to lethal means
- Provide evidence-based treatments (CBT, DBT)

**TRANSITION**
- ④ Follow-up after ED visit
- Follow-up after hospital discharge

**RISK OF SUICIDE ATTEMPT**

Implementation activities have happened or are ongoing. Health system leaders decide which components are chosen, researchers do not decide

## Research Activities

Researchers will evaluate the implementation of the **National Zero Suicide Model (NZSM)**

**①** Health System Leaders & Researchers work together to develop metrics to evaluate implementation of NZSM

KPWHRI Programmer writes computer program to extract VDW/EHR data & distributes the code to sites to run against their local VDW/EHR data

| KPWA | KPCO | KPNC | KPNW | KPSC | HFHS |
| VDW EHR | VDW EHR | VDW EHR | VDW EHR | VDW EHR | VDW EHR |

De-identified Data (×6)

Secure File Transfer (SFT) to KPWHRI

KPWHRI Programmer combines de-identified data

De-identified Analytic Dataset

Secure File Transfer (SFT) to HFHS

HFHS (Lead Site)

**②** Examine fidelity to specific NZSM care processes in each system

**③** Examine suicide attempt and mortality outcomes

⬤ *Study Aims*