Using Virtual Reality to Prevent Choking Incidents

> "What the computer in virtual reality enables us to do is to recalibrate ourselves so that we can start seeing those pieces of information that are invisible to us but have become important for us to understand.
>
> - Douglas Adams

12 people with ID choke per week in Pennsylvania

People with ID are more likely to choke because:

- Genetic Conditions
- Multiple Medications
- Eating Too Quickly
- Being Fed by someone else
- Poor Muscle tone
- Seizures
- Dysphagia

Failure to minimize the risk of choking leads to reduced health outcomes, lower quality of life, or death

Virtual Reality Training.....

Caregivers can learn by doing without any dire consequences

Experiential learning provides the biggest impact

80% Typical retention rate after **1 year** of VR training

20% Typical retention rate after **1 week** of traditional training

Who else utilizes it?

WalMart: training scenarios that are physically difficult to recreate like spills and black Friday Shopping

KFC: Escape room to teach employees how to prepare food

BP: trains employees in Start-up and Emergency exit procedures so that they learn from their virtual mistakes to prevent deaths in the real world

Milestone HCQU West

Created a Virtual Reality Group Home with three residents

The DSP must prepare a meal according to each person's specialized meal plan

Minimize distractions

React in an Emergency

Successfully assist people To **Win The Game!!!!**