

\*\*\*Please visit <https://www.evidentlybetter.org/bulletins/suicide-prevention/> to view our webpage featuring key links and emerging reports about suicide prevention.\*\*\*

## Studies

### [Fatal drug overdose in healthcare workers: occupational hazards and systemic factors](#)

Healthcare workers have twice the risk of fatal drug overdose compared to other workers. This study of 58 coroner reports found that occupational hazards (workplace access to drugs, clinical knowledge, prescribing power) combined with mental health problems and work stress contributed to these deaths, highlighting the need for systemic workplace interventions.

### [Self-harm before and during imprisonment: cohort study of males in prison linking population-based routinely collected data in Wales](#)

Pre-imprisonment, self-harm in male prisoners is already high compared with the general population, potentially driving a saturation effect, where known general population risk factors have a weaker effect in prisoners. Self-harm prevention should target people in contact with criminal justice, irrespective of imprisonment. In prisons, prevention efforts deployed at inception should target those with prior self-harm, drug use, learning difficulties, bipolar disorder and those on remand.

### [Learning disabilities and adolescent suicidal ideation: Findings from the z-proso cohort study](#)

Objective: To investigate suicidal ideation among adolescents with learning disabilities and examine whether learning disabilities and a range of risk and protective factors assessed at age 13 are associated with suicidal ideation at age 15.

### [Gender Identity, Victimization, and Suicidal Ideation: Comparing Risk Factors Among Transgender and Non-Transgender Youth](#)

Transgender identity is a strong predictor of suicidal ideation even after controlling for other risk factors, such as victimization and substance use. Expanded prevention and intervention efforts are needed to address this growing mental health crisis.

### [An Explainable Triple-Layered Ensemble Model for Early Prediction of Suicide Risk Using Machine Learning](#)

This study presents a Triple-Layer Ensemble (TLE) model that achieved a predictive accuracy of 94.81% in identifying suicidal behavior, outperforming conventional machine learning classifiers.

### [Suicidal Behavior in Alzheimer's Disease: Preliminary Study](#)

It appears that suicidal behavior is inversely related to the risk of developing suicide. The odds ratio data demonstrate the need for a larger sample size to determine whether there is a difference in the history of suicide throughout the lives of people with Alzheimer's disease and the general population.

### [Exploring Drug Use and Healthcare Utilization Among Adult Suicide Attempters: A Decision Tree Approach Using National Survey Data](#)

The results highlight differences in healthcare utilization and prescribed medication patterns by age group among suicide attempters.



## [Positive experience of caregiving moderates suicidal ideation in family caregivers of community-dwelling older adults with neurocognitive disorders](#)

Suicidal ideation in carers was associated with caring burden and affected by psychological distress. PAC attenuates the impact of burden and distress on suicidal ideation. Carer psychological intervention should focus on strengthening PAC, especially in carers experiencing high psychological distress.

## **Consultation**

[Help shape Liverpool's Domestic Abuse Suicide Prevention Toolkit - register now to share your insights](#)

Mersey Care and Liverpool City Council have commissioned Merseyside Domestic Violence and Stalking service (MDVS) to develop a toolkit and training for professionals, to help prevent suicide linked to domestic abuse. We invite you to participate in a 60-minute consultation session.

## **Training**

[Important Update: Suicide Safety Assessment Training](#)

NHS England has published new guidelines that change how we assess the needs of service users and patients. To reflect these updates, the Trust will be revising our Suicide Safety Assessment Training. If you have previously completed ERISK training or have assessed service users in your role, we would value your feedback. Join our [Microsoft Teams session](#) on 14 January to share your experiences.

## **News**

[Inquiry to be held into north-east England NHS trust after patient deaths](#)

Health secretary announces investigation into Tees, Esk and Wear Valleys trust that has seen young patients take their own lives.