

Is Severity of Alcohol Use Disorder, Alcohol Consumption, and Their Combination Associated With 30-Day COVID-19 Outcomes?

STUDY DESIGN

- US Veterans Affairs national cohort data
- COVID-19 outcomes included:
 - Mild (outpatient management)
 - Moderate (hospitalization)
 - Critical (hospitalization with indicators of critical illness)
 - Death

RESULTS

463,246 Veterans With COVID-19

DIAGNOSTIC CODE USED

Alcohol Use Disorder (AUD)	↓	Probability of Mild Outcome	Adjusted risk ratio (aRR) range = 0.75-0.98 aRR range = 1.14-2.50
	↑	Probability of Hospitalization	
Alcohol Dependence	↑	Probability of Critical Outcome, but Only for High Consumption	aRR = 1.28
Alcohol-Related Disease	↑	Probability of Critical Outcome	aRR range = 1.32-2.01
	↑	Probability of Death	aRR range = 1.58-1.91

In this study, AUD was associated with poorer COVID-19 outcomes, the likelihood of negative outcome generally increased with increasing severity of AUD, and the poorest outcomes were seen with both AUD and high-risk drinking.