

Alcoholics Anonymous most effective path to alcohol abstinence

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Alcoholics Anonymous, the worldwide fellowship of sobriety seekers, is the most effective path to abstinence, according to a comprehensive analysis conducted by a Stanford School of Medicine researcher and his collaborators.

After evaluating 35 studies—involving the work of 145 scientists and the outcomes of 10,080 participants—Keith Humphreys, Ph.D., professor of psychiatry and behavioral sciences, and his fellow investigators determined that AA was nearly always found to be more effective than psychotherapy in achieving abstinence. In addition, most studies showed that AA participation lowered [health care costs](#).

AA works because it's based on social interaction, Humphreys said, noting that members give one another emotional support as well as practical tips to refrain from drinking. "If you want to change your behavior, find some other people who are trying to make the same change," he said.

The review will be published March 11 in *Cochrane*

Database of Systematic Review. Cochrane requires its authors to undertake a rigorous process that ensures the studies represented in its summaries are high-quality and the review of evidence is unbiased.

"Cochrane Reviews are the gold standard in medicine for integration of all the research about a particular intervention," Humphreys said. "We wanted to do this work through Cochrane because of its rigor and reputation."

The other co-authors are a researcher from Harvard Medical School and a researcher from the European Monitoring Center for Drugs and Drug Addiction.

Though well-known, AA faces skepticism

Although AA is well-known and used by millions around the world, [mental health professionals](#) are sometimes skeptical of its effectiveness, Humphreys said. Psychologists and psychiatrists, trained to provide [cognitive behavioral therapy](#) and motivational enhancement therapy to treat patients with alcohol-use disorder, can have a hard time admitting that the lay people who run AA groups do a better job of keeping people on the wagon.

Early in his career, Humphreys said, he dismissed AA, thinking, "How dare these people do things that I have all these degrees to do?"

Humphreys noted that counseling can be designed to facilitate engagement with AA—what he described as "an extended, warm handoff into the fellowship." For the review article, Humphreys and his colleagues evaluated both AA and 12-step facilitation counseling.

AA began in 1935 when two men in Akron, Ohio, were searching for a way to stay sober; they found it by forming a support group. They later developed the 12 steps, the first being accepting one's inability

to control drinking; the last, helping others sustain sobriety by becoming a sponsor of a new member. The AA model—open to all and free—has spread around the globe, and now boasts over 2 million members in 180 nations and more than 118,000 groups.

Though the fellowship has been around for more than eight decades, researchers have only recently developed good methods to randomize trial participants and measure its effectiveness, Humphreys said.

For the Cochrane review, the researchers found 57 studies on AA; of those, 35 passed their rigorous criteria for quality. The studies used various methods to measure AA's effectiveness on alcohol use disorder: the length of time participants abstained from alcohol; the amount they reduced their drinking, if they continued drinking; the consequences of their drinking; and health care costs.

AA shines

Most of the studies that measured abstinence found AA was significantly better than other interventions or no intervention. In one study, it was found to be 60% more effective. None of the studies found AA to be less effective.

In the studies that measured outcomes other than complete abstinence, AA was found to be at least as effective. For the studies that considered costs, most showed significant savings associated with AA participation: One found that AA and 12-step facilitation counseling reduced mental health costs by \$10,000 per person.

The researchers looked only at studies of AA; they excluded Narcotics Anonymous and organizations focused on addiction to other substances. While it was beyond the scope of their study, Humphreys said the AA review is "certainly suggestive that these methods work for people who use heroin or cocaine."

Humphreys noted that the findings were consistent whether the study participants were young, elderly, male, female, veterans or civilians; the studies in

the [review](#) were also conducted in five different countries. "It absolutely does work," he said of AA's method.

He added that he feels validated in giving advice to so many patients to try AA: "That was really good advice, and that continues to be good advice," he said.

More information: Kelly JF, Humphreys K, Ferri M. Alcoholics Anonymous and other 12-step programs for alcohol use disorder. *Cochrane Database of Systematic Reviews* 2020, Issue 3. Art. No.: CD012880.

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