CLAIM

[Cannabis] is a drug that can result [in] serious, long-term consequences, like schizophrenia.”
- Kevin Sabet, Smart Approaches to Marijuana (Baca, 2015)

RESPONSE

- While some studies point to a link between cannabis use and an increased risk of symptoms associated with schizophrenia (Fergusson, Horwood, & Ridder, 2005; Zammit, Allebeck, Andreasson, Lundberg, & Lewis, 2002), a recent study concluded that cannabis use by itself did not increase the risk of schizophrenia (Proal et al., 2014). Scientists have repeatedly noted the difficulty of establishing causality in studies about cannabis use and mental illness (Moore et al., 2007; Volkow et al., 2014). This means that while people who develop schizophrenia may have previously used cannabis, it is difficult to unequivocally state that this use is what caused them to develop the condition (Pierre, 2011).

- If cannabis use caused schizophrenia, we would expect to see increases in incidence as rates of cannabis use have increased, but this trend has not been observed (Hall, 2014). One UK-based study reported that, given that cannabis use has increased fourfold among the UK population between the early 1970s and 2002, there should be a corresponding 29% increase in cases of schizophrenia among men, and 12% increase among women between 1990 and 2010 (Hickman et al., 2007). Instead, during this time period (1996-2005), it was found that annual cases of schizophrenia in the UK were either stable or declining (Frisher et al., 2009). These findings strongly suggest that cannabis use does not cause schizophrenia.

- Scientific research has suggested that young people who are genetically predisposed to schizophrenia may have their risk of developing this condition increased by using cannabis (Caspi et al., 2005). However, scientific findings are inconsistent on the magnitude of risk posed by cannabis use, as well as the frequency of use that is associated with mental illness (Andréasson, Engström, Allebeck, & Rydberg, 1987; Caspi et al., 2005; Moore et al., 2007).

REFERENCES:


Hall, W., 2014. What has research over the past two decades revealed about the adverse health effects of recreational cannabis use? Addiction 110, 19-35.


