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## Development of Curriculum Management Models in the Addiction Science Study Program

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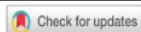
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### ABSTRACT

Drug abuse among students is a worrying problem that can threaten the survival of nation. This study carried tescarch design for the development of the Four D model is a model to develop learning devices. This method and model were chosen to develop addiction science education management that required to conduct feasibility, product validity, and trial. The development model based on curriculum management development referred to 4D development model, and referred to two quality requirements, namely valid and effective. This research objectives are to develop of curriculum management model for addiction science study program at IOHC INA Mojokerto, East Jawa, Indonesia. The quality of the Addiction Education Management Curriculum based on the final results had met the criteria "Very Good", so that it was appropriate to be applied and implemented as a product of developing curriculum management models in the addiction science study program at IOHC INA Mojokerto, East Java. The implication of this research is development of this curriculum is much needed to help nursing institutions to be more competent in the field of addiction science.

## INTRODUCTION

In the hard power approach strategy, in the same period, the synergy built between the National Narcotics Agency of Republic Indonesia and the National Police, Nation Soldier of Indonesia, and Customs and Excise through law enforcement efforts has succeeded in uncovering 55,392 drug crime cases and 71,994 suspects, with drug evidence in the form of 42.71 tons of methamphetamine; 71.33 Tons of Marijuana; 1,630,102.69 Grains of Ecstasy; and 186.4 Kg of Cocaine. According to UNODC, in the 2010, world drug report indicated 149-272 million people used illegal substances, at least once in 2009 (Orock & Nicette, 2022; UNODC, 2020). Accordingly, 15-39 million people used illegal substances at problematic levels. This can be recognized from reports of the number of people who are reported to lead to substance dependence, the number of people who use substances by injection, and the number of people who use long-term substances in the form of opioids, amphetamines, and cocaine (Aronson et al., 2022; Peacock et al., 2019). Another problem was that 11-21 million people injecting themselves which impacted 16.8% of these people infected to HIV, and about 50% were hepatitis-C virus (Akiyama et al., 2020; Aronson et al., 2022; Crowley et al., 2019; Karimi et al., 2021).

Drug abuse among students is a worrying problem that can threaten the survival of nation. Indonesia has required a learning on drugs in the form of formal and non-formal education, seminars and workshops (Agustang & Adam, 2020; Tsoraya et al.,

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