

# Trajectories of opioid prescribing by dentists and OMFS analyzed to identify high prescribers

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A study aiming to identify high prescribers by defining trajectories of opioid prescribing among dentists and oral and maxillofacial surgeons

(OMFS) was presented at the 52nd Annual Meeting & Exhibition of the AADOOCR, held in conjunction with the 47th Annual Meeting of the CADR. The AADOOCR/CADR Annual Meeting & Exhibition took place at the Oregon Convention Center in Portland on March 15-18, 2023.

The study, conducted by Tumader Khouja of the University of Pittsburgh, used the IQVIA Longitudinal Prescription dataset to identify actively prescribing [dentists](#) and OMFS ( $\geq 20$  prescriptions of any medication) from 2015-2019. Group-based trajectory models (GBTM) identified opioid prescribing [trajectories](#) based on annual prescribing rates (number of opioids/total number of prescriptions\*100). Chi-square or Mann–Whitney U tests identified significant differences in characteristics by trajectory group.

The study found that from 2015-2019, 2,741,030 opioids were prescribed by 199,145 dentists/OMFS. GBTM identified 8 groups of prescribers. In group 1 (14.3% of prescribers), opioids composed

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