

Identifying contributing factors associated with dental adverse events through a pragmatic electronic health record-based root cause analysis.

November 1, 2023

Kalenderian E, Bangar S, Yansane A, et al. Identifying contributing factors associated with dental adverse events through a pragmatic electronic health record-based root cause analysis. J Patient Saf. 2023;19(5):305-312. doi:10.1097/pts.0000000000001122.

<https://psnet.ahrq.gov/issue/identifying-contributing-factors-associated-dental-adverse-events-through-pragmatic>

Understanding factors that contribute to [adverse events](#) (AE) is key to preventing them from recurring. This study used an [electronic trigger tool](#) to identify potential AE in two dental practices. Of 439 charts reviewed, 13% contained at least one AE. The most common AE was post-procedural [pain](#); the expert panel reported 21% of those AEs were preventable. Person-related factors (e.g., supervision, fatigue) were the most common contributing factors.