

Supplementary Table S1. Search strategies for all databases

Database	Search strategy
PubMed (n = 1002)	#1 "Dentin Sensitivity"[Mesh] OR "Dentin Sensitivities" [tw] OR "Sensitivity, Dentin" [tw] OR Sensitivities, Dentin[tw] OR "Dentine Hypersensitivity" [tw] OR "Hypersensitivity, Dentine" [tw] OR "Dentine Sensitivity" [tw] OR "Sensitivity, Dentine" [tw] OR Hypersensitivities, Dentine[tw] OR Sensitivities, Dentine[tw] OR "Tooth Sensitivity"[tw] OR "Sensitivity, Tooth"[tw] OR "Dentin Hypersensitivities"[tw] OR "Hypersensitivity, Dentin"[tw] OR Sensitivities, Tooth[tw] OR Dentin Hypersensitivity[tw] #2 "Toothbrushing" [Mesh] OR toothbrushing[tw] OR toothbrush[tw] OR bristle[tw] OR bristles[tw] OR soft[tw] OR medium[tw] OR hard[tw] #3 #1AND #2
Web of Science (n = 644)	#1 "Dentin Sensitivity" OR "Dentin Sensitivities" OR "Sensitivity, Dentin" OR Sensitivities, Dentin OR "Dentine Hypersensitivity" OR "Hypersensitivity, Dentine" OR "Dentine Sensitivity" OR "Sensitivity, Dentine" OR Hypersensitivities, Dentine OR Sensitivities, Dentine OR "Tooth Sensitivity" OR "Sensitivity, Tooth" OR "Dentin Hypersensitivities" OR "Hypersensitivity, Dentin" OR Sensitivities, Tooth OR Dentin Hypersensitivity #2 "Toothbrushing" OR toothbrush OR bristle OR bristles OR soft OR medium OR hard #3 #1AND #2
EMBASE (n = 558)	#1 (((('dentin sensitivity'/exp OR 'dentin sensitivity' OR 'dentin sensitivities' OR 'sensitivity, dentin'/exp OR 'sensitivity, dentin' OR sensitivities,) AND ('dentin'/exp OR dentin) OR 'dentine hypersensitivity'/exp OR 'dentine hypersensitivity' OR 'hypersensitivity, dentine' OR 'dentine sensitivity'/exp OR 'dentine sensitivity' OR 'sensitivity, dentine' OR hypersensitivities,) AND ('dentine'/exp OR dentine) OR sensitivities,) AND ('dentine'/exp OR dentine) OR 'tooth sensitivity'/exp OR 'tooth sensitivity' OR 'sensitivity, tooth' OR 'dentin hypersensitivities' OR 'hypersensitivity, dentin' OR sensitivities,) AND ('tooth'/exp OR tooth) OR 'dentin'/exp OR dentin) AND ('hypersensitivity'/exp OR hypersensitivity) #2 'toothbrushing'/exp OR 'toothbrushing' OR 'toothbrush'/exp OR toothbrush OR 'bristle'/exp OR bristle OR bristles OR soft OR 'medium'/exp OR medium OR hard #3 #1AND #2
SCOPUS (n = 656)	((TITLE-ABS-KEY (toothbrushing) OR TITLE-ABS-KEY (toothbrush) OR TITLE-ABS-KEY (bristle) OR TITLE-ABS-KEY (bristles) OR TITLE-ABS-KEY (soft) OR TITLE-ABS-KEY (medium) OR TITLE-ABS-KEY (hard))) AND ((TITLE-ABS-KEY (dentin AND sensitivity) OR TITLE-ABS-KEY ("Dentin Sensitivities") OR TITLE-ABS-KEY ("Sensitivity, Dentin") OR TITLE-ABS-KEY ("Sensitivities, Dentin") OR TITLE-ABS-KEY ("Dentine Hypersensitivity") OR TITLE-ABS-KEY ("Hypersensitivity, Dentine") OR TITLE-ABS-KEY ("Dentine Sensitivity") OR TITLE-ABS-KEY ("Sensitivity, Dentine") OR TITLE-ABS-KEY ("Hypersensitivities, Dentine") OR TITLE-ABS-KEY ("Sensitivities, Dentine") OR TITLE-ABS-KEY ("Tooth Sensitivity") OR TITLE-ABS-KEY ("Sensitivity, Tooth") OR TITLE-ABS-KEY ("Dentin Hypersensitivities") OR TITLE-ABS-KEY ("Hypersensitivity, Dentin") OR TITLE-ABS-KEY ("Sensitivities, Tooth") OR TITLE-ABS-KEY ("Dentin Hypersensitivity"))))

CITATION

Molina C, Pimentel RP, Oballe HJR, Muniz FWMG, Rösing CK. Association between toothbrush bristle stiffness and dentine hypersensitivity: a systematic review. *Can J Dent Hyg.* 2026;60(3):191–97.