

DENTINE HYPERSENSITIVITY CONDITION CHEAT SHEET

1. WHAT IS DENTINE HYPERSENSITIVITY (DH)?

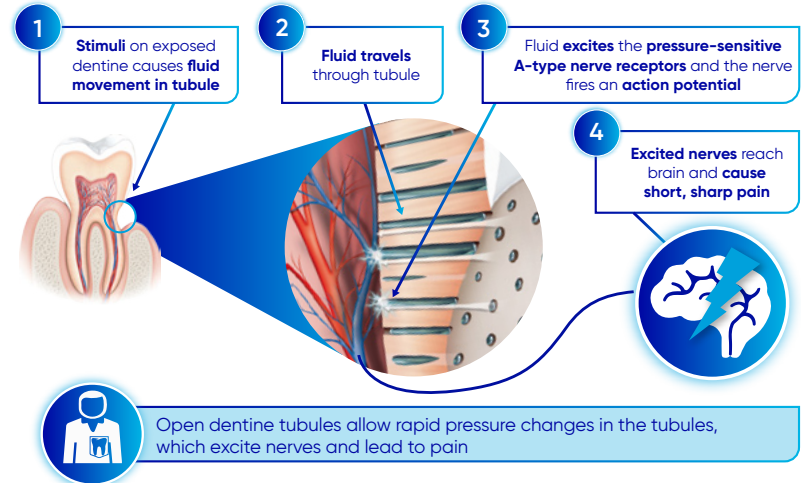
Dentine hypersensitivity is a **short, sharp pain** in response to stimuli such as cold, hot, sweet, acidic or touch that cannot be explained as arising from any other form of dental defect or pathology.¹

It is caused by **fluid movement in dentine tubules** exposed due to enamel loss or gum recession, combined with removal of the protective smear layer.¹



2. HYDRODYNAMIC THEORY

Fluid movement theory by Brännström^{2,3}



4. HOW PREVALENT IS DENTINE HYPERSENSITIVITY?



27.5m
people

22 23 24
26 27 28 29 30
31 32 33 34 35
36 37 38 39 40
41 42 43 44 45
46 47 48 49 50
51 52 53 54

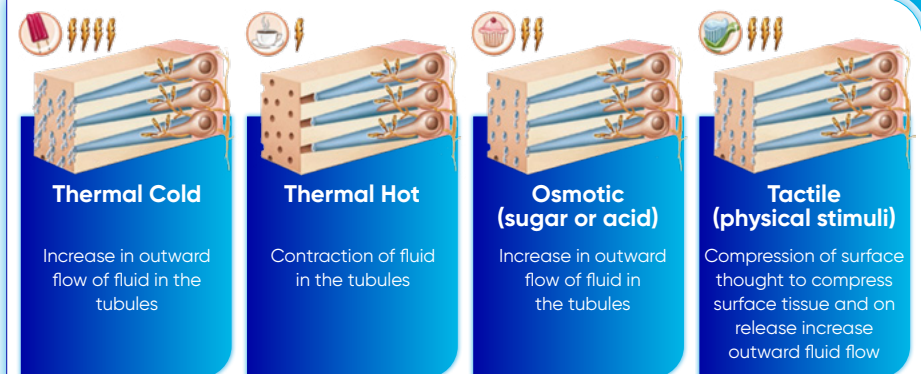
Research shows prevalence varies but up to 1 in 2 people may have sensitive teeth.⁴

That equates to up to 27.5 million people in the UK.⁴⁻⁵

It's most common between 28 and 47 years old.⁴

8 out of 10 sufferers say their dentine hypersensitivity impacts their daily life⁶ – a simple conversation and recommendation could make a big difference.

3. TRIGGERS FOR DENTINE HYPERSENSITIVITY



Cold is considered the most problematic, and used as a positive stimulus in clinical trials. Cold food and drink act as a trigger in 84.4% of patients, while ambient cold air acted as a trigger in 37% of cases.⁴