

BLAST

A

BIOFILM



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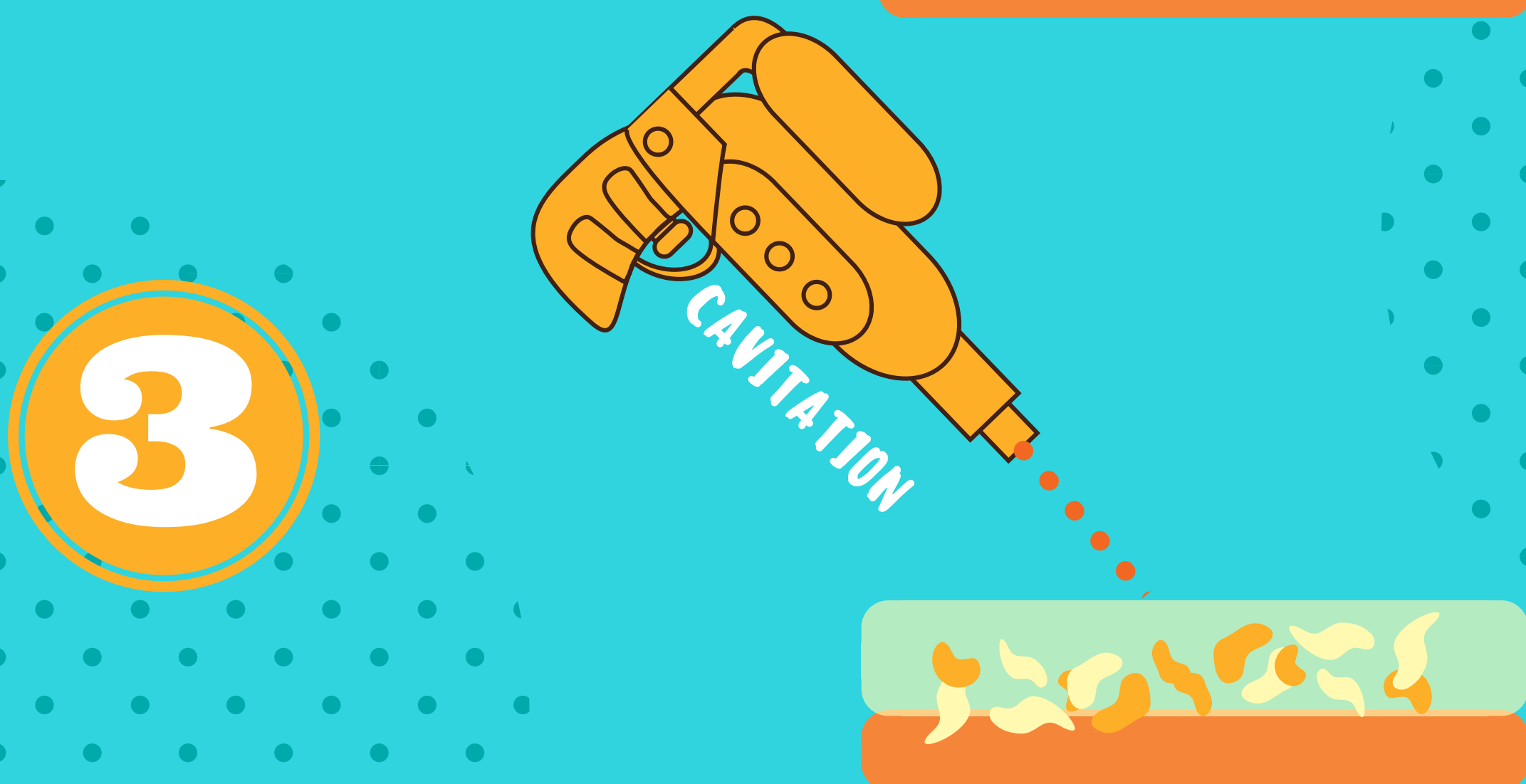
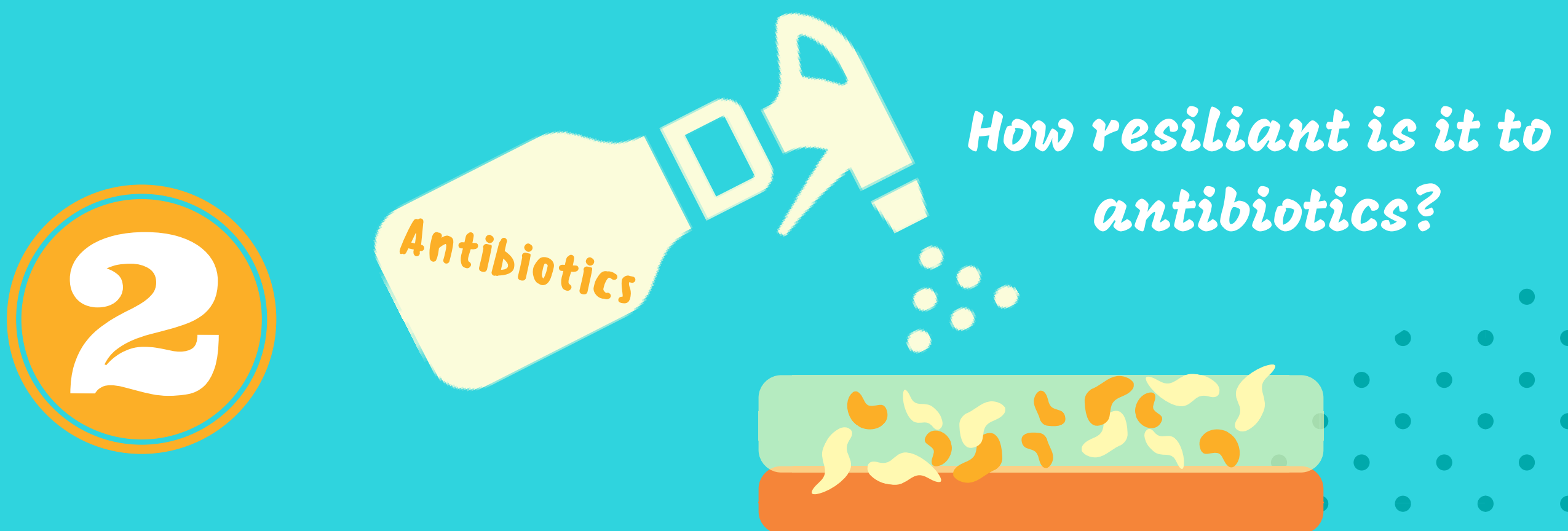
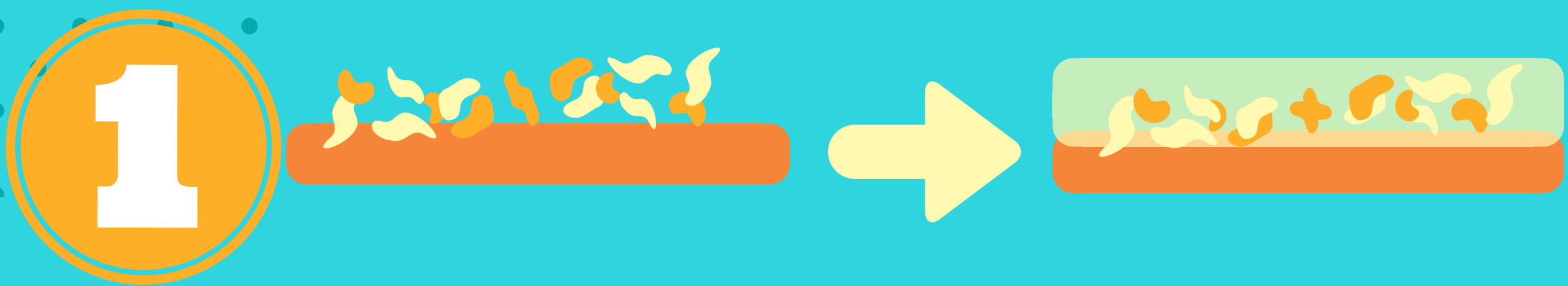
CAN YOU HELP CLEAN THESE TEETH?

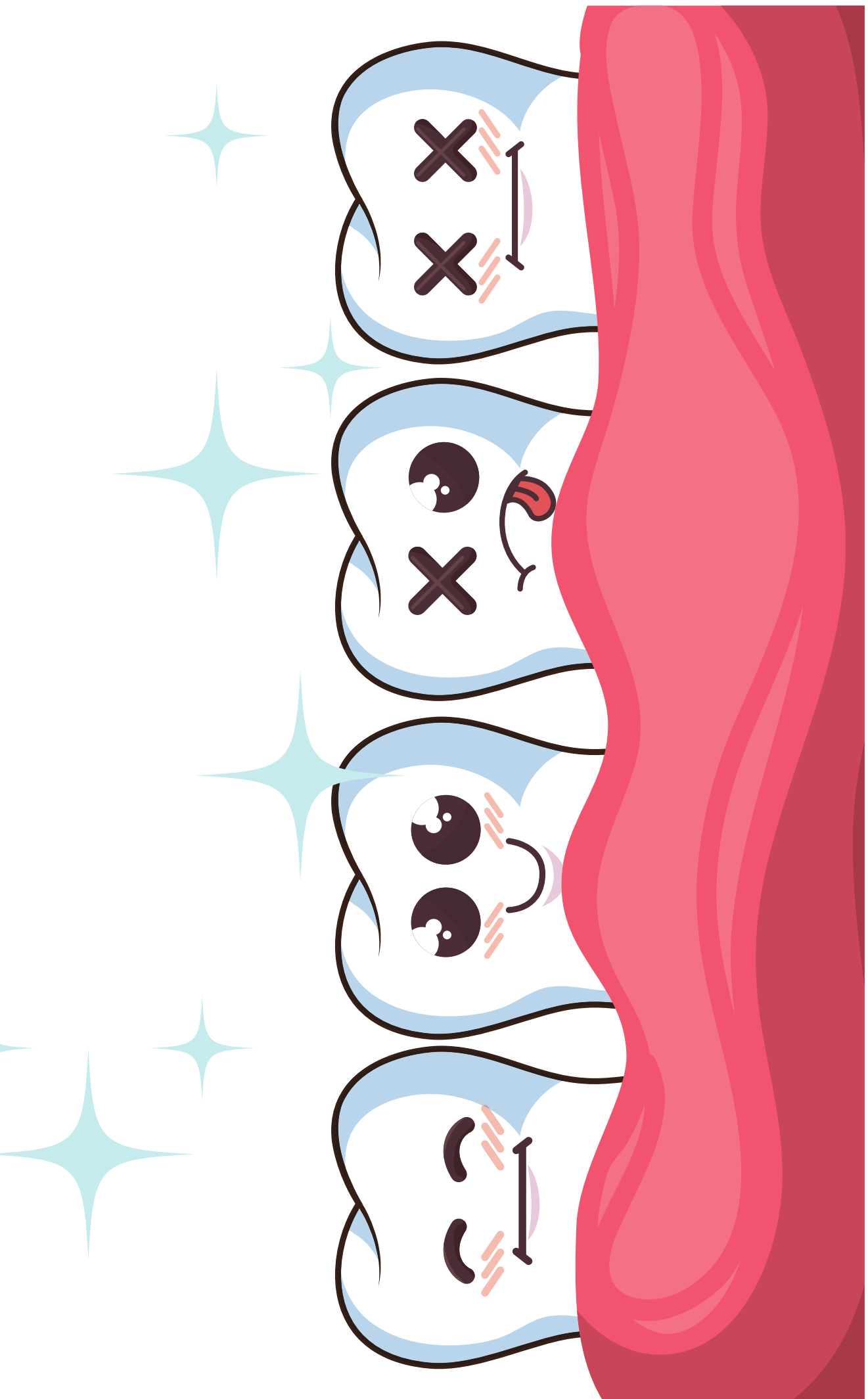


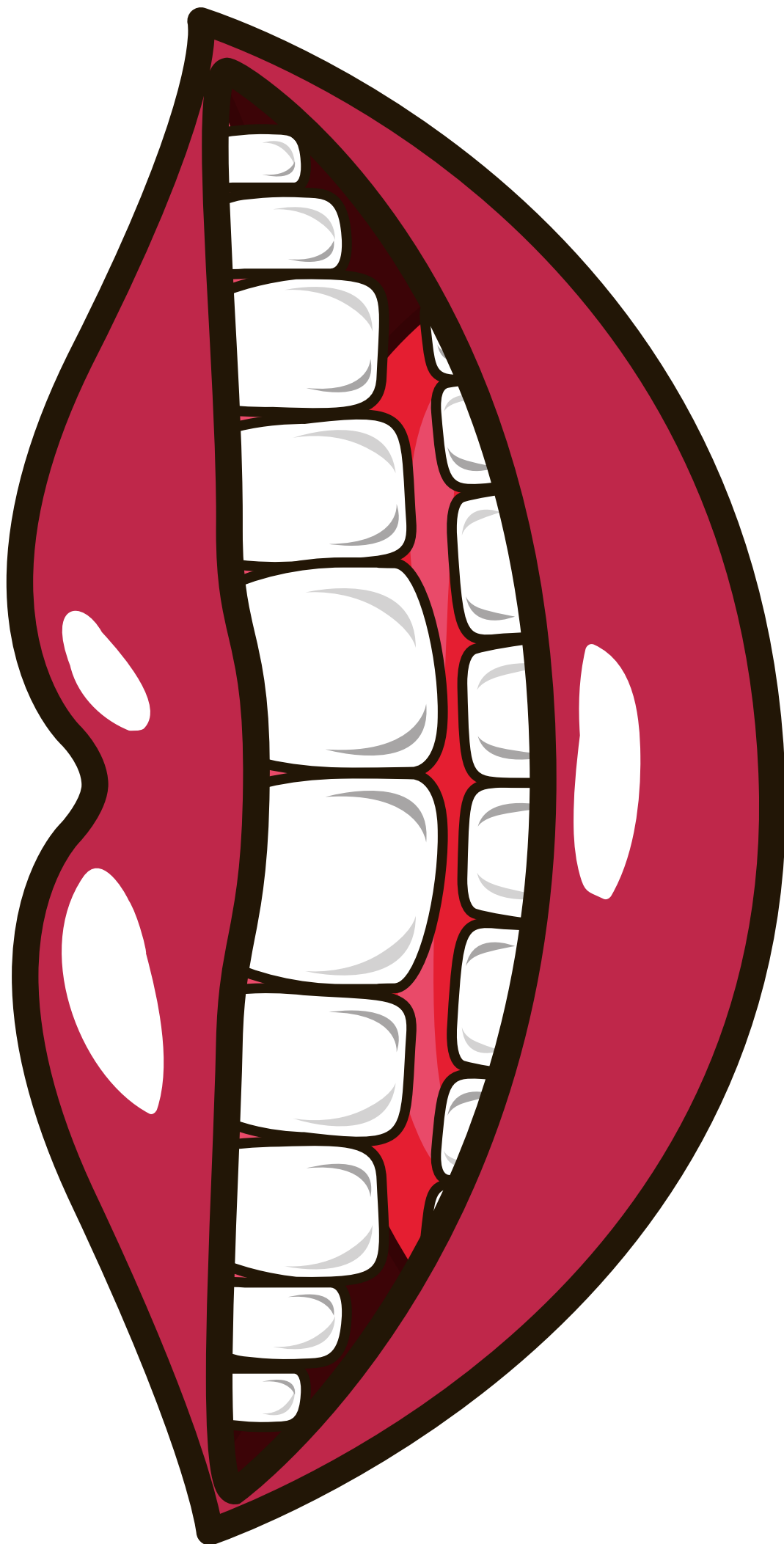
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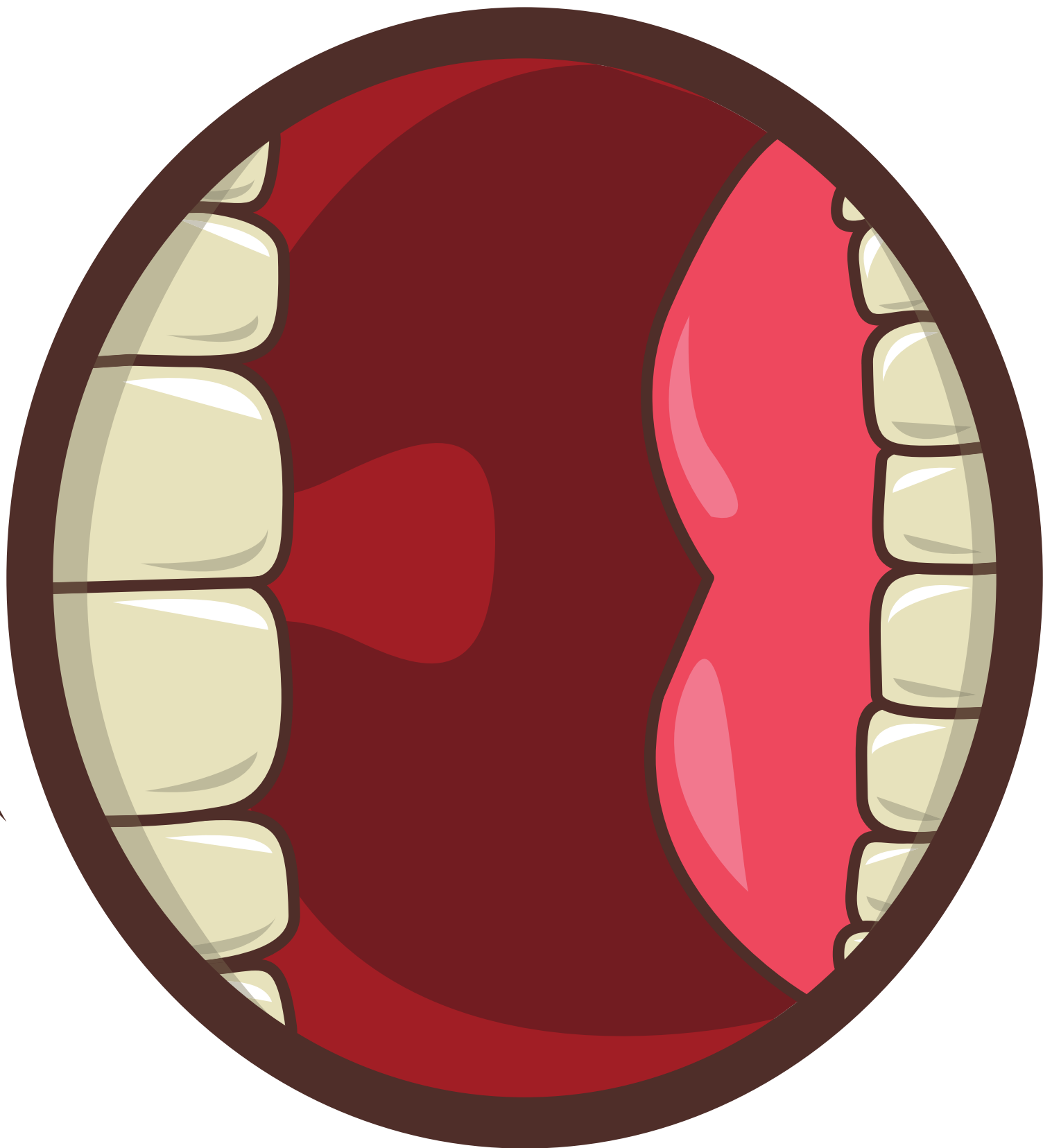
HOW TO PLAY

Cover bacteria with biofilm matrix



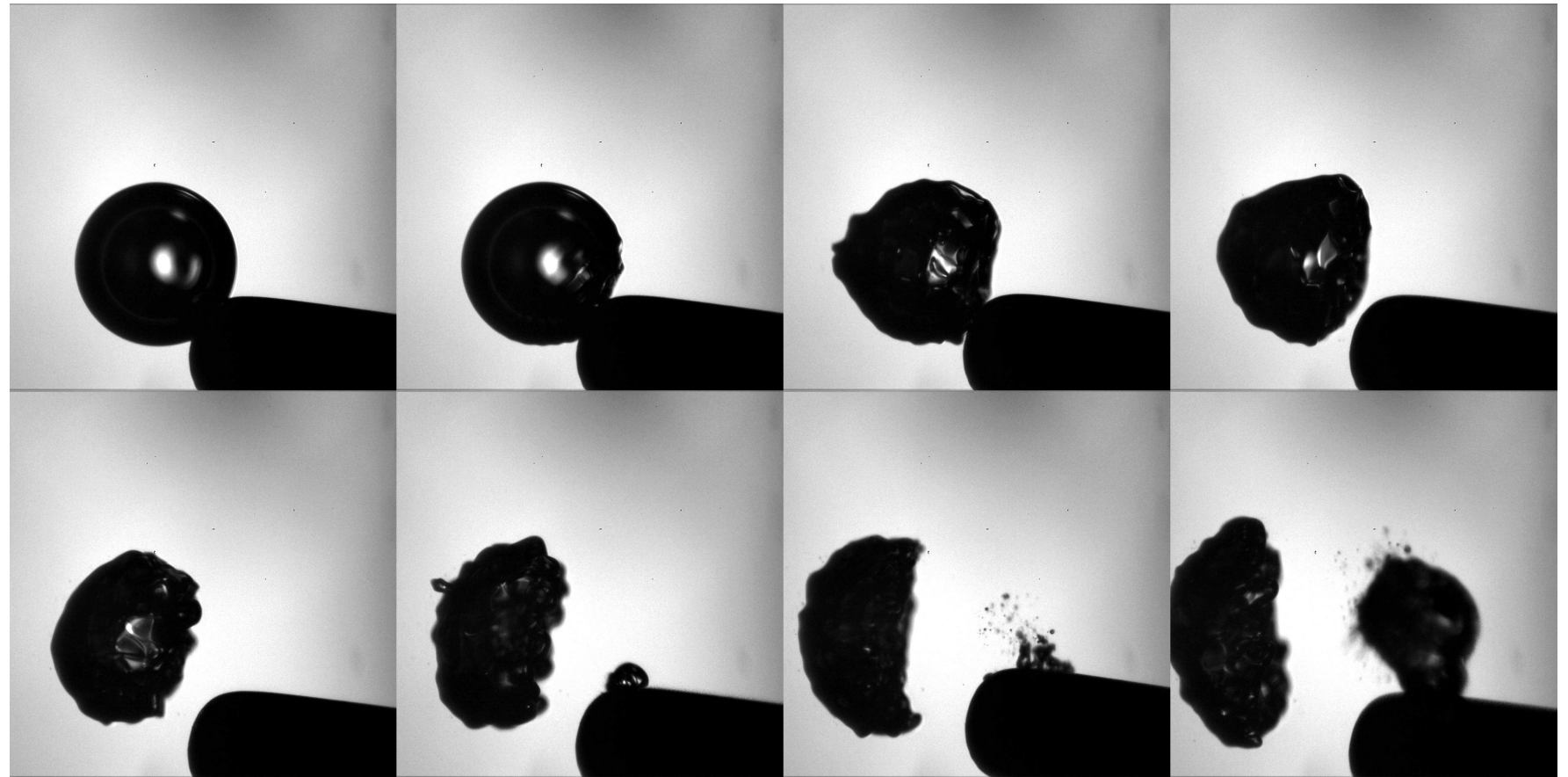






What are cavitation bubbles?

Cavitation bubbles are tiny microbubbles that grow and collapse in a few microseconds



When they collapse they create huge shock waves and really fast water jets which blast the surface



Cavitation happens around ultrasonic scalers, which are commonly used at the dentist to clean teeth



We are researching how cavitation bubbles could be used to clean plaque from teeth, so they wouldn't cause damage to dental implants and they would be more pleasant for people with sensitive teeth and gums.



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