



Identify natural protection for teeth with **Saliva-Check Buffer** from **GC.**

Chairside test to evaluate saliva's ability to protect teeth
and motivate your patients



When a patient presents new signs of accelerated tooth wear, abrasion, sensitivity, halitosis or any other major oral changes, the first question for the dentist should be to identify what has lead to an oral imbalance.

Saliva testing is aimed to identify if changes in the salivary condition can be a contributing factor, and to motivate your patient to improve his oral health status.



Part of GC's Minimum Intervention program.

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GC Saliva-Check Buffer

Chairside test to evaluate saliva's ability to protect teeth

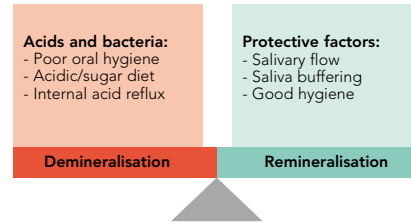
Why is saliva so important?

Saliva is nature's primary defense system for oral environment

- Neutralises acid challenges by flushing food and bacteria
- Acts as lubricant by forming pellicle
- Delivers Calcium, Phosphate and Fluoride to the tooth

When saliva is unhealthy, demineralisation becomes the dominant factor.

Balance between oral health and disease is delicate:



Help your patient strive for oral balance

This patient friendly procedure will help you to show the possible caries risk, by testing quality, pH and buffering capacity of saliva. This will assist you in planning an appropriate treatment and prevention program, educate your patients and initiate changes in their oral hygiene.



- High Risk:** alert of potential problem
- Moderate Risk:** area to watch
- Low Risk:** under control

5 quick steps to better understand your patient's oral environment

GC's Saliva-Check Buffer kit's first 3 steps involve unstimulated saliva while the last 2 steps involve the stimulated saliva. By evaluating both, the test will become a very useful communication vehicle to identify contributing factors like stress, smoking, disease, salivary gland pathology, chronic renal failure, drug abuse, menopausal hormone imbalance and medicine side effect. Results can be explained to the patient as part of the discussion about prevention and treatment. Together, the dentist and patient will be able to agree on a plan to bring the saliva back into balance.

Resting saliva



1. Hydration



2. Viscosity



3. Salivary pH

Stimulated saliva



4. Saliva Flow



5. Buffering capacity

Step 1 and 2 – flow rate, viscosity and consistency of unstimulated saliva, provide information about how the patient's lifestyle may be consequently affecting oral health.

Step 3 – pH of resting saliva to determine whether acid levels may be dangerously high, possibly causing erosion or caries.

Step 4 – measure quantity of stimulated saliva that can be produced to identify any major salivary gland diseases.

Step 5 – buffering capacity of stimulated saliva showing the effectiveness of saliva in neutralising acids.



Package

- 20 In vitro pH test strips
- 20 Saliva dispensing cups
- 20 Wax gum pieces for saliva stimulation
- 20 Saliva dispensing pipettes
- 20 Buffer test strips

The way to provide prevention and protection strategies for your patients

