

Ultrasonically Enhanced Teeth Whitening is the future of Whiter and Faster Teeth Whitening

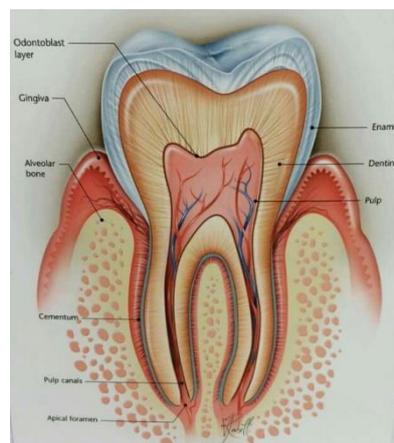
By Mr Bruce Forlong

International Educator and Dental Conference Speaker, Director International Cosmetic Teeth Whitening Training Academy and authorised trainer for global dental whitening authority Beyond International with the professional support of the Dentists, Chemists, Local Authorised Trainers and Global Teeth Whitening experts including the some of the World's foremost Teeth Whitening Authorities and Researchers; Training and Compliance Executive New Zealand Cosmetic Teeth Whitening Association (NZCTWA); Executive Training Director of the New Zealand and Australian Cosmetic Teeth Whitening Training Academies

Understanding Teeth Whitening

When it comes to teeth whitening, we should understand the tooth has three main elements

1. **The Dentin** being the tooth 'bone' itself. It is what gives your teeth their natural pearly white colour
2. **The Enamel** coats the dentin and is the clear and glasslike surface we see on the outside of teeth
3. **The Pellicle** is a lesser known, **but most important**, thin naturally forming protective skin coating the outside of the enamel



The Pellicle is there to protect the enamel surface of your teeth. However, highly acidic foods (such as tomato-based sauces, high sugar products, coffee, and tea) can penetrate the pellicle at times exposing the porous enamel, depositing stains into the enamel making them look yellow

While brushing with whitening toothpaste can help remove some stains, the pellicle layer can never be fully removed at home through brushings and cleanings. This is the main reason many home DIY products deliver poor results

Therefore, stains remain trapped deep within the enamel are unable to be removed conventionally

Though harmless, such stains cause the discolouration that many patients find unattractive to their smile

Your teeth are meant to look naturally pearly white, not the colour of your summer tan

Quite simply, when the glass-like enamel gets stained it is like looking at the natural white colour of your teeth through a dirty glass window

What Causes Teeth to Become Stained

Wine, chocolate, coffee, soft drinks, pasta sauce: these are all some of the best foods and drinks we all enjoy, but they also are notorious for staining tooth

enamel, leading to yellowed or dull teeth

While brushing after meals can help to limit enamel staining, some stains are just a part of normal eating and drinking

This form of staining is called **Extrinsic** Staining – staining deposited from the **exterior** of the teeth

There is another less known form of staining that arrives from **inside** the teeth

This discolouration is called **Intrinsic** staining

Intrinsic staining occurs from things like Trauma, (grey or 'dead' tooth) Fluoride, (White chalky spots) amalgam fillings (grey or black discolouration around old amalgam fillings) and antibiotics causing Tetracycline staining.

Tetracycline causes a tooth to be a darker colour band at its base

Many people try to brush tetracycline staining from the base of their teeth and cause dangerous gum recession that can promote gum diseases, however, only a professional tooth whitening practitioner using an ultrasonically enhanced tooth whitening procedure can help remove this form of staining

So how does teeth whitening work?

Whitening occurs as a professional use whitening gel firstly removes the Pellicle skin from the tooth surface, exposing the porous surface of the natural enamel. Then the whitening gel soaks into and throughout the tooth enamel bleaching the discoloured molecules

The Teeth Whitening Gel becomes photo-excited by being exposed to a high-frequency powerful tooth whitening light. This potentiates the efficacy of the system causing stains locked deep within the enamel to be bleached out

This results in a 'glass-clear' Enamel 'window' revealing the natural whiteness of your Dentin below

“It's a bit like window cleaning”

Today, we know the science behind teeth whitening, and how this treatment achieves such dramatic results for in-Office patients

For patients who are looking to restore their “pearly whites,” professional teeth whitening from a professional can provide the best results. Usually in less than 1-hour

Whiter teeth can lift your whole appearance and help you to smile a little wider

Ultrasonically Enhanced Teeth Whitening is the future of faster and whiter Teeth Whitening

Ultrasonic technology has been proven by Dentists and Hygienists for scaling and polishing teeth

Now, this well-established ultrasound technology has been adapted to speed up teeth whitening and produce whiter results than ever before

Professional Teeth Whitening Practitioners with BOTH Ultrasonic and Non-Ultrasonic machines are reporting that their new Ultrasonic machines are producing TWO SHADES WHITER RESULTS in less time

Also, because the Ultrasonics does much of the 'heavy lifting', 50% less whitening gel is used, making it considerably safer for clients

How does Ultrasonically Enhanced Teeth Whitening Work?

Ultrasonic teeth whitening technology causes a high frequency above your hearing range, 41,000 cycles or vibrations per second

New teeth whitening machines use Ultrasonic Technology to quiver the whitening gel 41,000 vibrations per second so that the whitening gel penetrates deep into your tooth enamel

This induces the whitening gel within your tooth enamel to oscillate at 41,000 vibrations per second, surrounding staining particles faster and more effectively than old methods that rely upon the whitening gel SOAKING its way into the tooth enamel

Ultrasonically enhanced teeth whitening produces WHITER results FASTER than any other system on the planet; it is the new generation of professional teeth whitening

The Power of Professional Teeth Whitening

The science behind teeth whitening shows why in-office treatments can dramatically remove stains and offer results that simply are not attainable with at-home DIY treatments

Therefore, when it comes to teeth whitening, choose a professional tooth whitening practitioner, who uses the modern **ultrasonic technology** and has the skill and experience to offer you pain-free, natural, comfortable results