

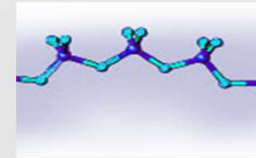


WHAT TYPES OF TOOTH WHITENING
OPTIONS EXIST?



WHITENING OPTIONS

SURFACE STAIN REMOVAL AND CHEMICAL
INHIBITION VIA ABRASIVE OR CHELANTS



IN-OFFICE OXIDATIVE WHITENING



AT HOME OXIDATIVE WHITENING



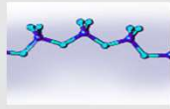
OVER THE COUNTER
OXIDATIVE WHITENING





IN-OFFICE OXIDATIVE WHITENING





SURFACE STAIN REMOVAL AND CHEMICAL INHIBITION VIA ABRASIVE OR CHELANTS

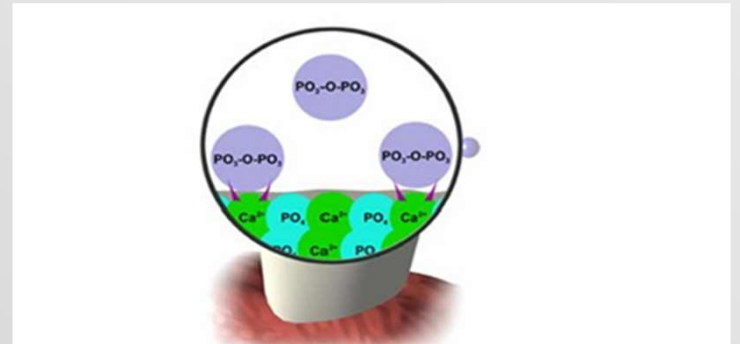
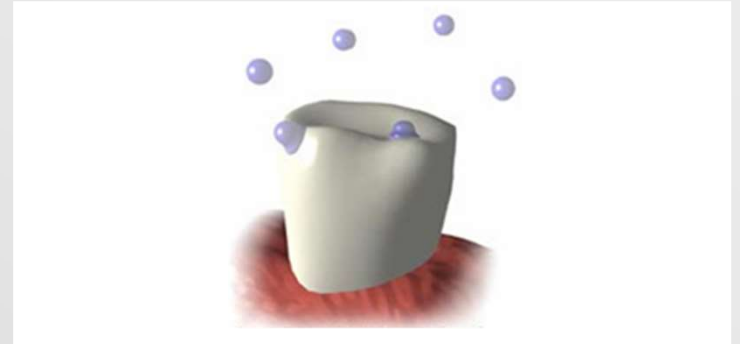
This option is ideal for post whitening maintenance

Abrasives: Physical removal of plaque biofilm

- Examples: Silica, calcium carbonate

Chemical inhibition: Slow the rate of mineralization

- Pyrophosphate as 1st generation
- Polyphosphates as 2nd generation
 - Longer, more resistant to inactivation





IN-OFFICE OXIDATIVE WHITENING

Advantages

- Good for busy patients or unable to follow at-home regimen
- No take home trays or gel
- One hour vs. weeks for results
- Good jump start for darker stained teeth
- Viewed as high profit margin

Disadvantages

- Possible color regression
- Tooth Dehydration
- May require more than 1 visit to meet expectations
- Possible thermal sensitivity or chemical tissue burn
- Expensive for patients
- Monopolizes treatment operatory and staff for 90 minutes



PROFESSIONAL AT-HOME OXIDATIVE WHITENING



Physical Impression



Pour the Model



Mount



Trim the Model



Suction (vacuum form)
the tray

OR



Digital Impression





PROFESSIONAL AT-HOME OXIDATIVE WHITENING

Advantages

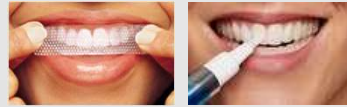
- Good for patients with misaligned teeth
- Provides whitening for full arch
- Ability to touch up inexpensively
- Viewed as a high profit margin
- History of safety and efficacy

Disadvantages

- Misuse could cause gingival irritation
- Gag reflex problem for some patients
- Too expensive for many patients
- Time/Cost associated with tray fabrication
- Chair time, repeat visits by patient to monitor progress



WHITENING OPTIONS



OVER THE COUNTER OXIDATIVE WHITENING





HOW DOES OXIDATIVE TOOTH WHITENING WORK?



For ALL forms of whitening

Concentration + Contact Time = Results

All forms continue to work until your teeth reach saturation point where they will not whiten further