

Porcelain Veneers



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If you've ever wondered why so many individuals in public life have such perfect smiles, you might be surprised to find out how many of them have had cosmetic dental work!

A beautiful smile is what everybody will love to have. If you have a beautiful smile, it enhances your personality and confidence. Today it is not necessary that you should be born with a beautiful smile, but you can acquire one also.

Dentistry today has advanced to a point where your dentist can modify your existing not so beautiful smile to a dashing beautiful smile. The time to do so depends upon, how much work has to be done. If you have irregular teeth like protruded or crowded, they can put straight by means of an orthodontic treatment. In this case brackets, which can be of steel or porcelain (tooth colour), are fixed on your teeth for a period of 15 to 18 months.

You have to visit your orthodontist once in a month to get the wire changed.

In case your teeth are normal in shape and well aligned but discoloured then there are various options by which we can make them look sparkingly white and bright. You can get them capped. In that case we have to reduce the tooth by about 2-3 mm all around to accommodate the cap.

Another option is dental laminates/porcelain veneers. In dental laminates we have to reduce the teeth only from the front by about 0.5-0.8mm and replace it with white coloured porcelain veneers.

Porcelain veneers are a rapid, aesthetic, and safe way to correct unattractive front teeth. Porcelain veneers correct heavy permanent stains, teeth that are crooked, disproportionate, small (with spaces), and structurally damaged. Porcelain veneers are shells of ceramic material that can be chemically bonded to tooth structure.

The bonding strength between a porcelain veneer and the tooth surface is often so great that a trauma may cause a fracture within the tooth and not at the interface between the porcelain veneer and the tooth surface.

Bonded to tooth structure, certain porcelain veneer materials display similar physical properties as natural enamel. In addition, with the advance of ceramic technology, natural layers and translucencies of vital teeth can be perfectly mimicked.

The correction of unattractive front teeth with porcelain veneers requires two office visits. At the first appointment we remove any old bonding and prepare the teeth. We also take impressions and choose the shade and shape of the porcelain. When you leave the office, temporary bonding is used to cover the prepared teeth. The processing time at the dental laboratory is usually two weeks. The final porcelain veneers are permanently bonded at the second office visit.

Some dentists place dental veneers that consist of resin

composite. However, the long-term prognosis of porcelain veneers is much better.

Dental porcelains and ceramics are superior to metals with respect to corrosion, galvanism, and biocompatibility. Emergence profiles are less likely to be over-contoured, as is often the result with metal-ceramic restorations in an effort to mask metal sub-structure.

The conclusions of many studies are that porcelain surfaces accumulate much less dental plaque compared to resin composites, gold alloys, and amalgams. In addition, the plaque formed on ceramic surfaces is of healthier composition. Since porcelain is a ceramic, and therefore glass-like, a veneer's porcelain surface will be extremely stain resistant.

PORCELAIN VENEERS



Before

After

Porcelain veneers help to preserve tooth substance while giving strength to the underlying tooth structure. The bonded porcelain veneer is intimately connected with a tooth and protects it against decay-causing microorganism. Porcelain veneers have become the prime treatment modality for smile designs.

Porcelain veneers change a smile fast and dramatically. They will remain as long as your natural teeth if done by an experienced cosmetic dentist. Porcelain veneers and crowns are extremely lifelike and hold their brilliance, unlike bonding which often appears bulky or fake. Although porcelain is an extremely translucent material, it is also very strong. Porcelain veneers and crowns are permanent restorations, and they can be expected to last for many years. Also, there are no food restrictions - once they are cemented you can eat normally (apples, corn on the cob, etc.) - porcelain simply covers the imperfections in your own smile!

Porcelain veneers, sometimes also termed dental veneers or dental porcelain laminates, are one of cosmetic dentistry's more recent developments. These wafer-thin shells of porcelain which are bonded onto the front side of teeth can be an excellent cosmetic solution for teeth that are stained, chipped, or slightly misaligned.