

Chair side CAD CAM Digital dentistry

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Dr. Ajay Dental Clinic & Research Centre situated at Church Road, Sur Sadan Crossing, Agra since 15 years is the largest and most advanced dental centre of the city which is known for pioneering most of the advanced dental procedures such as dental implants, bone and gum grafting procedures, guided implant placements, all on 4/all on 6, Piezo surgeries, PRF, metal free caps, cosmetic veneers, inlay, onlay, lingual braces, invisible/clear braces, Invisalign and many more..

we are committed to deliver best quality dental treatments to our patients at competitive prices. Taking dentistry to the next level, we have added world's best digital intra oral scanner and CAD CAM machines to deliver best in cosmetic, fitting and strength metal free dental caps, implant caps, veneers, inlays, onlay, post etc. quickly in one visit. Please have a look how it is deferent from conventional caps.



Digital Dentistry (CAD CAM) unit at Dr. Ajay Dental Clinic & Research Centre, Agra

Conventional (old procedures) of making dental caps/veneers

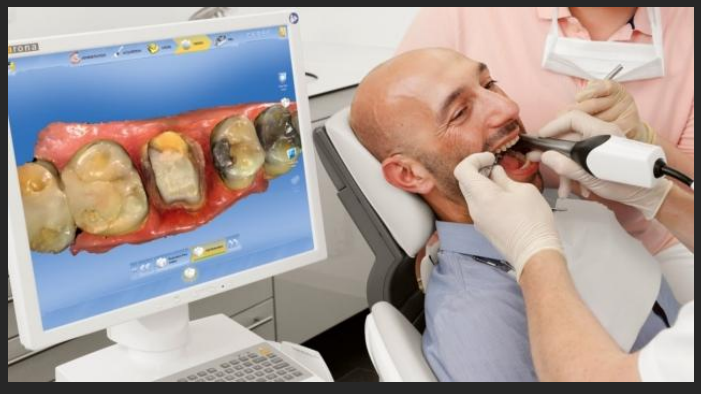


Impressions of the teeth taken using various materials which are not so accurate and cause lot of discomfort to the patients such as vomit, difficulty in breathing etc.



Your dentist send your teeth impression to the dental lab where dental technicians make a stone model using your impression and over that model they make your caps by hand technique. Most of those cheap quality caps reach to your dentist with inaccurate fitting, inappropriate shape and color and results with so many problems to you like improper fitting, not matching with other teeth, sensitivity, food lodgement, again and again dislodgement of your cap, dental caries under caps and breakage of caps in future

Digital technique of making dental caps/veneers



Digital impression of the teeth is made using cerec scanner which is quick, highly accurate and extremely comfortable to the patient.



your cap, using your digital impression, is designed accurately in the designing software (CAD) by your dentist himself, that design is quickly milled in the highly advanced dental mill and then it is fired in the advanced furnace at temp upto 1550C which results in highly cosmetic, highly accurate, and highly strong metal free caps/veneer quickly designed and manufactured by your dentist himself.

Example work done by poor quality dental labs



Fractured metal ceramic caps on back and front teeth resulting in inability to chew and unpleasant smile.



cap on front tooth with poor shape, blackish gum margins and non matching shade with other teeth cause unpleasant smile of the patient.



Metal ceramic caps made by poor lab with improper fitting and shape may lead to gum recession and root caries after sometime which not only leads to aesthetic problem but may cause bone loss and tooth loss after sometime.



Poorly designed caps on your implants can cause food lodgement and loss of your implants

Example work done by us in our digital dental CAD CAM



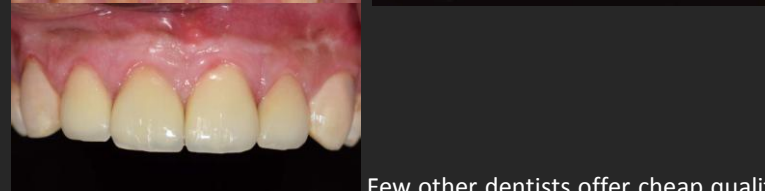
Accidentally broken front teeth of young girl restored by metal free caps made in our digital CAD CAM lab



Front broken tooth of young boy capped using metal free cap



Dazzling smile of a middle aged female patient restored using ceramic veneers fabricated in our digital dental CAD CAM



Few other dentists offer cheap quality metal free caps made in poor quality labs but that mostly waste patient's time and precious money. Like in above shown case, metal free caps made by other dentist (poor quality caps by lab and poor teeth preparation by dentist) removed by us, teeth properly prepared and new metal free caps with natural appearance fabricated for patient in our digital CAD CAM which resulted in high level of quality satisfaction and confident smile to the patient.