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CROWNS:

A crown is a dental restoration that completely caps a tooth or implant. It is indicated when a tooth is very badly damaged, or has a very large cavity. Once the tooth has been shaped to receive a crown, an impression or a scan is taken of the tooth. The crown is indirectly made either in a dental laboratory or by a milling machine in the dental rooms.

The crown replaces the missing structure of the tooth. It is cemented or bonded to the tooth to recreate its shape, function and colour. Crowns can be made of gold, other alloys, ceramic, composite or combinations of the latter.

Crowns are indirect tooth restorations, as they require an impression or scan of the prepared tooth. From the impression a model is cast that represents an accurate replica of the patient's teeth. A dental technician creates a crown that will replace the missing tooth structure.

From the scan the digital image data is used or computer aided design. A computer aided milling machine uses the design data to cut the crown from a ceramic block. (CAD/CAM).