

This rubber is removed after moulding the gold to the well, and to this gold root a crown or bridge can be firmly attached at leisure.

I fill this gold cup or root with gutta-percha and attach a crown by means of a pin nearly large enough to fill the gold root. This may be done by fitting a second cup inside the one planted and fitting a porcelain crown to this second capsule. It can be brought to the margin of the gum and fitted accurately to the upper margin of the porcelain tooth, and so accurately that no gold will be seen.

The operation requires accurate trephines and gold capsules of exact size. Do not imagine that the operation can be performed by instruments in every-day use. Do not try it. It will mean failure to attempt it in a careless manner.

Absolute cleanliness and sterilization are necessary for quick healing. Keep the mouth clean after the operation.

This operation has its advantages over the old method of implanting natural teeth, as there is no danger of infection or blood-poisoning that might arise from planting a root or a natural tooth from some other person of which you have no history.

Another great advantage is, that it is not necessary to tie them in by means of fine silk twist until healing takes place; they are firm from the start.

Case A.—Miss G. Age, 20 years. Left superior lateral extracted two years previous and a plate worn to fill the space. A small fragment of root remained. This was removed after injecting three drops of a 2-per-cent. solution of cocaine on either side of the process deep and very close to the periosteal tissue. The socket was deepened a quarter of an inch. Implanted a pure gold capsule, attaching a porcelain facing with the pin and pure gold backing. No pain followed the injection of the 2-per-cent. cocaine. Slight soreness for the two days following, and at the end of the week the tissues were in a normal condition. The tooth is strong and serviceable and looks as well as any tooth in the mouth.

Case B.—Mrs. C. R. Age, 41 years. Right superior first bicuspid missing. Well cut with trephines through gum into process. Cup inserted and filled with a kneaded rubber expanded to accurately fit the well. Facing fitted to this. Slight soreness for four days, and at the end of two weeks absolutely normal condition.

Since the original operation for the implantation of natural teeth many attempts have been made to implant leaden roots and other metallic materials. All have proved unsuccessful, but each man has been a bright star in the firmament of science, all going to make up the ultimate success and reward that attends doubtful effort.

What this operation may bring to the glory and advancement