After the crowns/bridge have been created, it is recommended to pickup the crowns in an impression rather than cementing them and then pulling an impression. However, in the event that the restoration has been permanently cemented, the removable laboratory will need an accurate model to work on. This can be made by following these easy steps.

It is important not to slide any of the matrices onto the ball patrices before taking the impression. An accurate reproduction of the male patrix will suffice to produce a precise model.

A rigid impression material such as Impregum or hard Polyvinyl should be used to accurately capture the crowns and the SG patrices. The impression may tear to release from the ball, this is normal and will not affect the accuracy of the model.

The VKS analog can be bent to a 90 degree angle which will allow the retention post to be embedded into the die stone properly.

The analog is inserted into the impression of the ball patrix with the retention tail pointing upwards. If needed, a little wax can be used to hold it in place securely.

The impression is poured using standard techniques. This gives an accurate model with a metal representation of the SG patrix in the correct position.

Instructions

SG Impression Analog Instructions.

For hygienic reasons, clean the case before removing the old matrix.

Make a slice down the middle of the matrix. This makes it easier for the clip to fold over on itself when being removed.

Insert the scalpel behind the matrix ...

... and pry it out forcefully.

After the matrix is removed, clean the housing properly to ensure that no debris gets trapped under the new clip.

Put the new matrix onto the tip of the insertion tool and hold it in place with your finger.

Push the matrix into the housing forcefully. An audible snap should be heard.

The case is now ready to be seated.