

Method of taking impressions

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1- Single mix technique

: spaced special tray. regular body

only.

Method

The paste is mixed and material is loaded onto the tray, the tray with material is seated over the impression area, the material is allowed to set.

2-Multiple mix technique

Tray used: spaced special tray.

☐ *Viscosity used : (a) heavy body and (b) light body.*

Method

The two viscosities are mixed simultaneously but on separate pads. The heavy body is loaded onto the tray while the light body is loaded into the syringe. The syringe material is injected onto the area of impression. The tray containing the heavy body is then seated over it. Both materials set together to produce a single impression.

3- Two stages or putty wash technique

ay used: perforated stock tray.

Viscosity used: (a) putty (b) light body.

Method

First a primary impression is made with putty in the stock tray. After setting it is kept aside. Light body is mixed and spread into the putty impression.

The primary impression is then seated over the impression area and held till it is set.

Automatic dispensing or mixing device

Advantages

1- More uniform mix.

2- Less air bubbles incorporated in mix.

3- Reduced working time.



Addition silicone impression materials packaged with auto-mixed cartridges, mixing gun, and static mixing tips, and dynamic mechanical mixer.

المصادر:

1. PHILLIPS SCIENCE OF DENTAL MATERIALS-KENNETH J. ANUSAVICE, D.M.D, Ph.D.
2. RESTORATIVE DENTAL MATERIALS- ROBERT G. GRAIG, Ph.D.