o The 3D Printed denture base (template) was sealed with the maxillary cast with base plate wax and 3D–printed denture base (template) was used as a pattern for making conventional denture base of the same thickness.o Flask halves were closed tightened, then hydraulic press was used to ensure complete distribution of acrylic pack in the mold cavity.o After setting of the investing stone, the flasks were opened, the 3D– printed resin templates were removed, then separating medium was applied on all investing stone surfaces of the flask halves."Fig 15" o Excess of acrylic resin were removed, then flasks were tightened in the clamp and firmly placed in the acrylic curing unit to be cured by long curing cycle (74o C for 8 hours)."Fig 13 " o The 3D Printed denture base (template) and maxillary casts were Placed in the flask and ensuring that the casts and flasks were compatible in size."Fig14 " o The casts were Painted with separating medium (12) and inner surfaces of flasks with Vaseline; to facilitate deflasking.

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