

VERSACRYL: HEAT-SENSITIVE MOLDABLE MULTI-PURPOSE DENTURE ACRYLIC "BITEM" (Biocompatible Intraoral Thermo-Elastic Acrylic Material)

PATENTED INVENTION OF **CANADA**



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ABSTRACT of INVENTION

Acrylic adjustable by heat from warm water – a thermo-elastic acrylic has received regulatory approval from Health Canada and Health Australia, the FDA Approval, and CE Mark in Europe. BITEM can be used for any part of a dental appliance and it is adjustable simply by using warm water. It can be used by patients to adjust their own fit and control comfort level of their dentures.

VersACRYL

Multi-Purpose Denture Acrylic

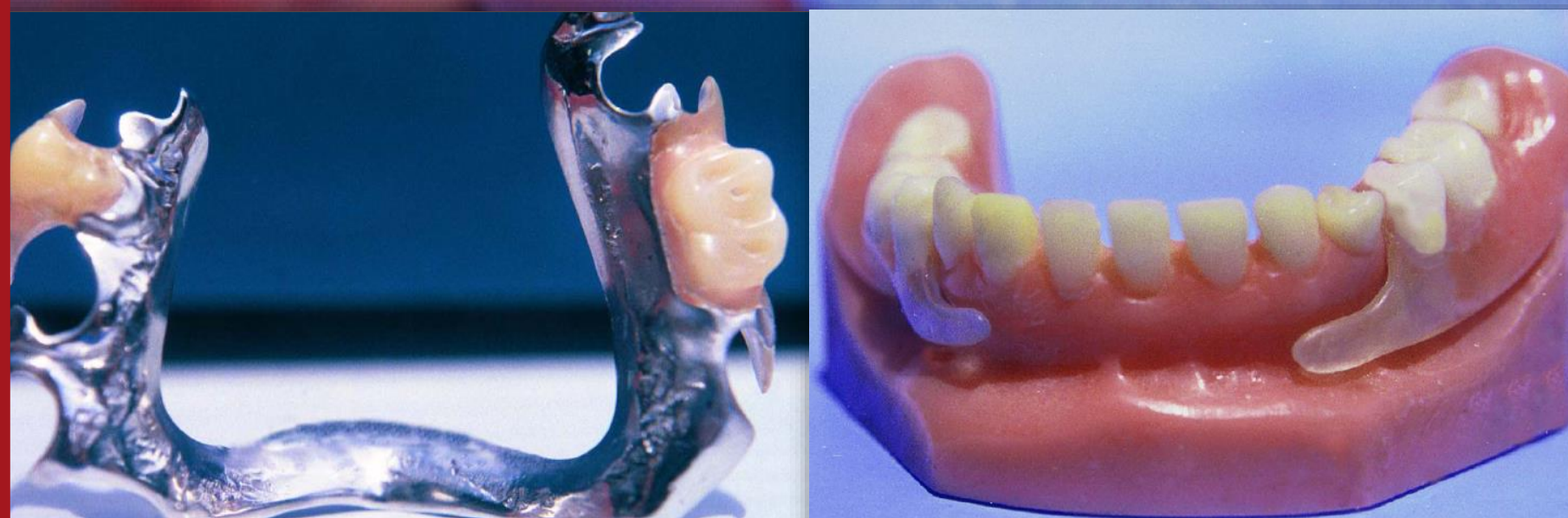
Versacryl Laboratory Kit

WHAT IS VERSACRYL?

It is acrylic, consistency controllable, "thermo-elastic", and it has a memory. Cross-linked chemical bond to itself and all other acrylics. Heat and Self Cure, or a combination of both and also allows tracking back.

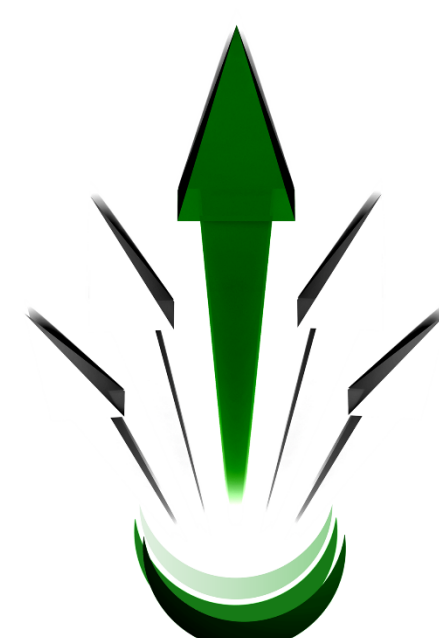
This innovative thermo-elastic acrylic can create any part of a dental appliance to become adjustable, simply by using warm water. **It can be extended**, for example, into any undercut to mechanically retain a denture; it can be used to **produce repeatable thermo-relines**; it can **replace metal clasps on partials**; it can create sublingual wings to stabilize lower dentures and much more. In addition, the consistency of VERSACRYL is pre-determined to furnish a complete range of rigidities; from traditional hard to **very soft when heated**. The material also possesses an internal memory, which maintains a stable reference point, since it can always be returned to its original shape.

Lingual Flanges



INVENTION PRESENTED BY
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