PORCELAIN VENEERS PRODUCED BY REFRACTORY DIE METHOD

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Nowadays porcelain veneers are constantly increasing in popularity among dental practitioners because of their excellent clinical performance. Based on their strength, longevity, aesthetic, biocompatibility and conservative nature, veneers are considered as one of the better treatment options since their introduction in 1983rd.

Aesthetic porcelain veneers have shown an excellent clinical performance and as materials and techniques evolved, they have become most utilized, high aesthetic and less invasive therapeutic possibilities used for conservative restoration of unaesthetic anterior teeth.
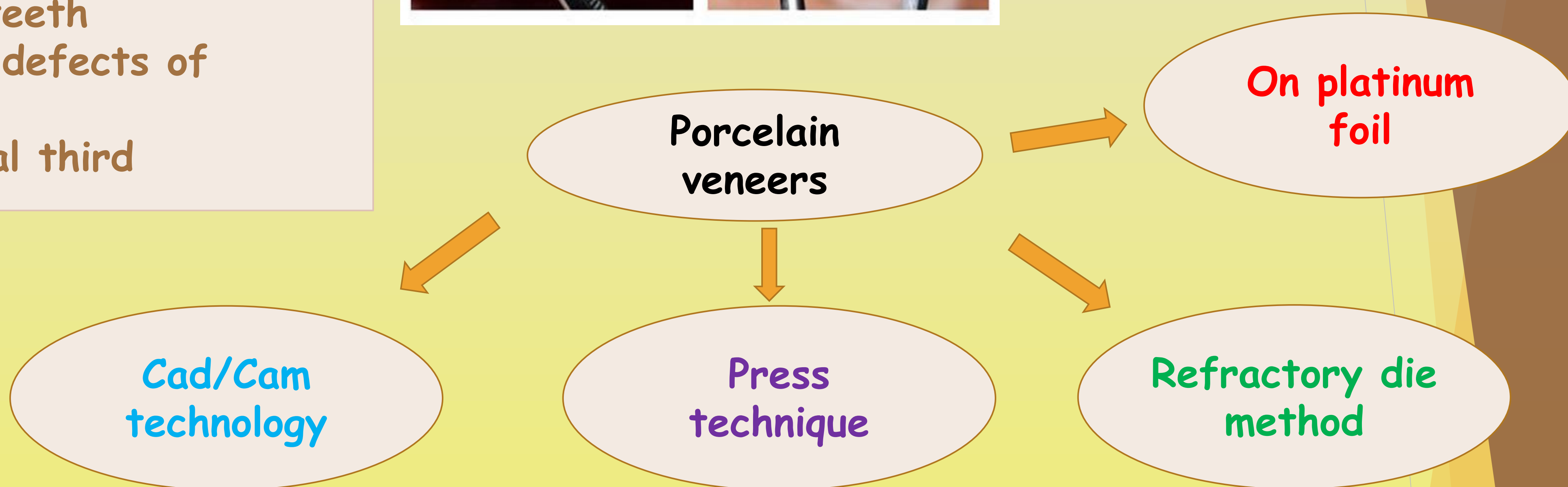
Indications:
- Discolorations resistant to bleaching
- Correction of alterations in shape and position of teeth
- Teeth with abnormal shape and size
- Morphological modifications
- Closing of mild to moderate diastemas
- Aesthetic alignment of teeth
- Restoration of localized defects of enamel – fluorosis
- Fractured teeth in incisal third

Contraindications:
- Reduced interocluzal space
- Deep overbite
- Bruxism
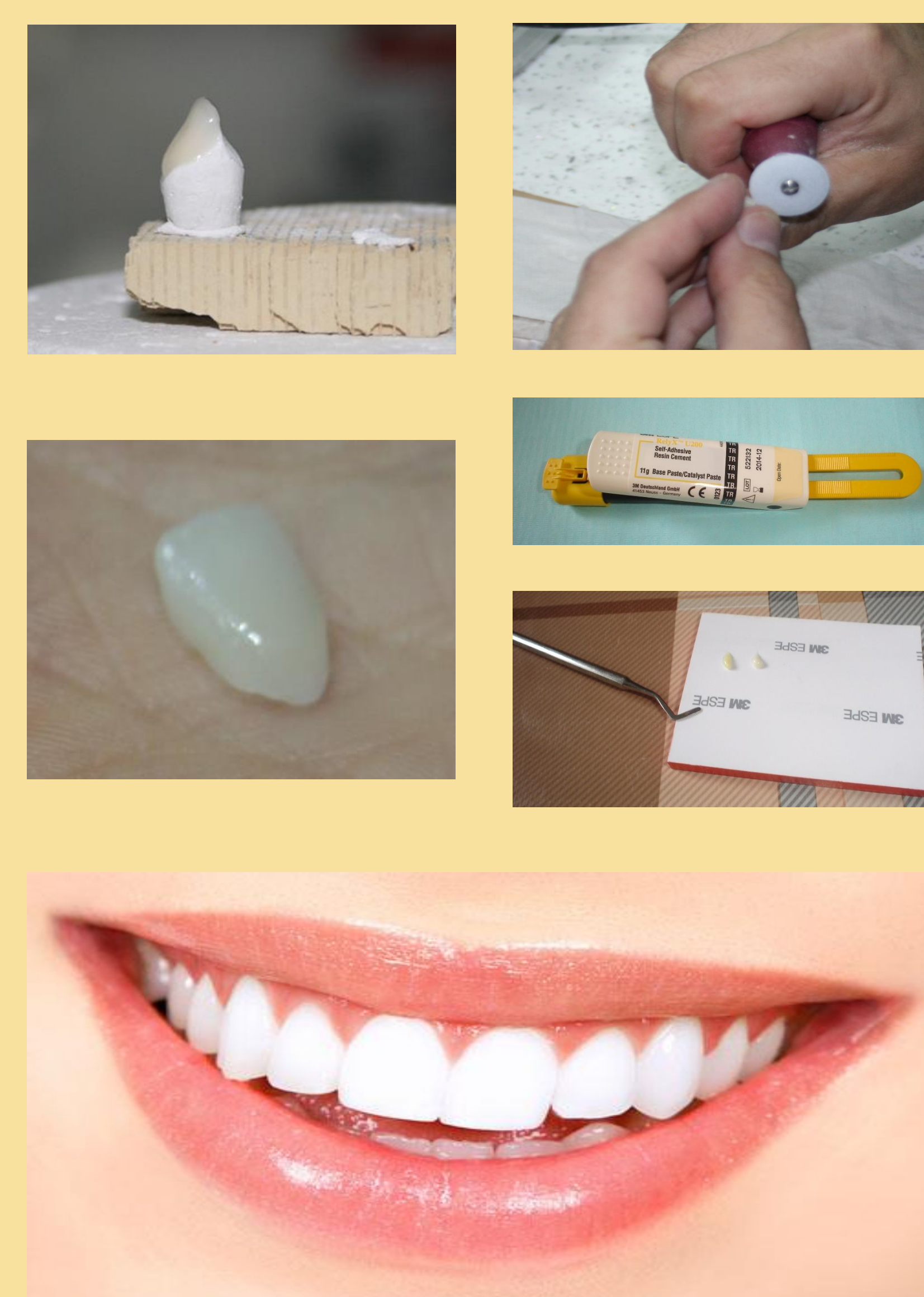- Teeth with big restorations

Porcelain veneers
- On platinum foil
- Cad/Cam technology
- Press technique
- Refractory die method

Preparation

Layering and firing process

Final process

Technological advances today make it easy to obtain natural aesthetic result with conservative interventions. The many all-ceramic systems available to dentists and dental technicians today offer choices like never before. The choice of material and technique depends on the indications and clinical case.

There are many ways to fabricate porcelain restorations. This study describes that a quality porcelain veneer restoration can be made by the refractory die method, which produce excellent results but requires more effort in model making.