



FIXED HYBRID PROSTHESIS:

A “**Fixed Hybrid Prosthesis**” is a premium dental restoration that replaces all teeth in the upper jaw or lower jaw. This treatment has significant benefits in comparison to conventional dentures and has a workflow with diagnostic, surgical, and restorative components.

BENEFITS:

- **Definitive** solution for persistent dental problems such as extensive tooth decay, severe gum disease with bone loss, and/or numerous missing teeth.
- **Predictable** due to technological advances in digital diagnostic planning.
- “**Fixed**”, screw-retained restoration anchored on 5 or more dental implants that are surgically placed in the jawbone. Therefore, avoid the inconvenience of a full denture that needs to be inserted and removed daily.
- “**Hybrid**” concept allows immediate placement of “teeth in a day” in the form of a screw-retained temporary denture that is delivered at the same visit as implant placement. Later, this denture is converted into a screw-retained Zirconia bridge.
- **High Strength** allows eating hard foods with confidence and no dietary restrictions.
- **Esthetic and Realistic** appearance since Zirconia mimics enamel better than plastic denture teeth.
- **Proven** track record of success with 15 year history originating at UNC School of Dentistry.

DIAGNOSTIC:

- CBCT (i.e. 3D X-ray of jawbone) by oral surgeon or periodontist.
- Intraoral digital scans of teeth and bite, digital photos of teeth and smile, 3D facescan by **Dr. Koch**.
- Merging of all diagnostic data in proprietary computer software to plan implant placement and surgical guides by **Dr. Koch, oral surgeon / periodontist, and dental laboratory**.

SURGICAL Treatment by oral surgeon or periodontist:

- Sedation for patient comfort.
- Extraction of all teeth in upper and/or lower jaw.
- Bone grafting or bone contouring as needed.
- Placement of 5 dental implants in upper and/or lower jaw.

RESTORATIVE Treatment by **Dr. Koch** will include:

- Screw-Retained Temporary Denture placed immediately after surgery (i.e. “teeth in a day”).
- After a 4 month healing period, a “conversion” process that replaces the temporary denture with the definitive screw-retained zirconia bridge.
- Bite adjustments and follow-up visits as needed to confirm patient comfort and satisfaction.