The very first BIOLOX® alumina components manufactured by CeramTec were implanted by Dr. Mittelmeier in 1974. Throughout the years, each subsequent generation of BIOLOX® ceramics was improved to increase product reliability with major advances in component geometries, refinement of the raw material, fewer impurities, and smaller grain size.

Furthermore, laser marking for traceability and 100% component proof testing were implemented in order to detect any flaws that might impact the product performance or lifetime.

In 2003, a new pink generation of medical grade ceramic was introduced: BIOLOX®delta, a zirconia toughened alumina (ZTA) composite that offers new possibilities in orthopaedics.