Cresco™ Precision Method is a restorative solution for screw-retained prosthetic restorations. A Cresco bridge can be produced using different framework materials, and can be used with different implant systems. The Cresco precision method enables a passive fit between the final prosthetic restoration and the implants. This has been demonstrated in several studies, although in one in vitro study passive fit was not achieved. The Cresco precision method also provides flexibility to angulate the bridge-screw access holes and thereby bring them to optimal positions without the need for angulated abutments.

Mechanical properties of the laser-welded joints of the Cresco framework have been investigated, and it has been shown that the strength of the joints exceeds clinical needs, and mechanical fracture is not to be expected. Publications reporting on the clinical use of Cresco bridges cover detailed descriptions of the prosthetic technique, evaluation of the use of Cresco frameworks directly on implant level, and in situations when an angulated abutment otherwise would have been required. One clinical study compared retention-screw stability between cast bars and bars manufactured with the Cresco method. The study demonstrated similar screw detorque values for Cresco and cast bars after clinical function. Clinical follow-up data, from 12 months up to more than 5 years of functional use of Cresco bridges is presented and shows good results in terms of few mechanical complications, maintained bone and soft tissue health.
References