

Lifecore Biomedical, Inc., headquartered in Chaska, Minnesota, develops and manufactures a wide array of medical devices, including an extensive line of dental restorative components, implants and surgical tools.

Several implant systems are offered by Lifecore: Restore, Sustain, Stage-1, Renova and the new internal connection Prima. Restore with an external hex, is offered as a self-tapping threaded implant in Ti, TPS or RBM coating in small (SD), regular (RD) or wide (WD) diameters. Restore is also available as an external hex cylinder implant in TPS or HA coating in three diameters.

Sustain, with an HA coating, is available as an external hex, threaded or cylindrical implant in small, medium and wide diameters. An Internal Bevel Cylindrical Sustain implant is offered as well in three diameters.

The Stage-1 implant has an internal locking mortice taper with an RBM or TPS coating. Components are compatible with the standard Straumann ITI components listed in the ITI section of this manual.

The Renova has an internal hex with either a straight or tapered design.

The Prima is offered either as the Solo-a one-piece tapered design or as the Connex-with a proprietary 6-lobed internal connection.

All RD diameter Restore and Sustain external hex implant components are Branemark Regular Platform compatible. For a complete listing of Branemark compatible components, refer to the **Branemark** section of this manual.

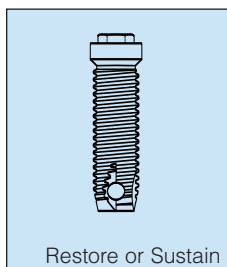
Implants	Restoratively Compatible To
<ul style="list-style-type: none"> Restore SD threaded or cylinder ex hex 3.3 or 3.4 Sustain SD threaded or cylinder ex hex 3.3 or 3.4 	<ul style="list-style-type: none"> Sustain SD 3.3, 3.4 Restore SD 3.3, 3.4
<ul style="list-style-type: none"> Restore RD threaded or cylinder ex hex 3.75 or 4.0 Sustain RD threaded or cylinder ex hex 3.75, 4.0, 4.2 <i>Refer to Branemark section for compatible components.</i> 	<ul style="list-style-type: none"> Branemark, Regular Platform 4.1 3i Miniplant & Standard Osseotite IMZ Hex Head 3.3 & 4.0 Innova Entegra 3.25 & 4.0 REmark-ST RP Steri-Oss Hex-Loc 3.8 & 4.5
<ul style="list-style-type: none"> Restore WD threaded 5.0, 5.5, 6.0 or cylinder ex hex 5.0 Sustain WD threaded or cylinder ex hex 5.0 	<ul style="list-style-type: none"> Sustain WD ex hex 5.0 Restore WD ex hex 5.0, 5.5, 6.0
<ul style="list-style-type: none"> Sustain internal bevel cylindrical 3 diameters 	<ul style="list-style-type: none"> none
<ul style="list-style-type: none"> Stage-1 internal locking mortice taper 	<ul style="list-style-type: none"> ITI
<ul style="list-style-type: none"> Renova internal hex 	<ul style="list-style-type: none"> none
<ul style="list-style-type: none"> Prima Solo one-piece tapered design Prima Connex proprietary 6-lobed internal connection 	<ul style="list-style-type: none"> none none

All RD diameter Restore and Sustain external hex implant components are Branemark Regular 4.1 Platform compatible. For a complete listing of Branemark compatible components, refer to the **Branemark** section of this manual.

Terminology of Components

Restorative Components:

The restorative components are the elements used to fabricate a restoration that will be connected to the implant(s). The restoration may also be attached to an intermediate component called a tissue extension or abutment which in turn is connected to the implant(s).

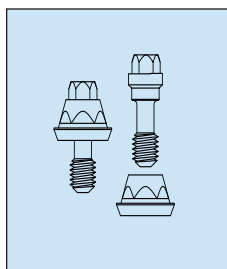


Implant Body:

The implant body is placed into the bone for approximately 4-6 months to allow for osseointegration. The implants should not be loaded prior to osseointegration.

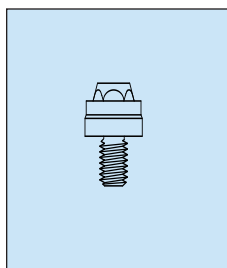
Tissue Extension:

The TE (Tissue Extension) also referred to as an abutment, is the intermediate connector between the implant and the restoration, it may extend above the tissue. In some instances, a TE extension is subgingival, to provide a more esthetic restoration.



Implant Standardization:

The UMA tissue extension, compatible with the RP Restore and Sustain external hex only, was developed to standardize the many different implant companies' components and instruments for a more economically controlled inventory and for simplicity of restorative procedures. Its tapered/hexagon fitting surface is identical, regardless of the size or type of implant employed, while its screw-in base is implant specific.



Compatibility:

Implants	Restoratively Compatible To
<ul style="list-style-type: none"> Restore SD threaded or cylinder ex hex 3.3 or 3.4 Sustain SD threaded or cylinder ex hex 3.3 or 3.4 	<ul style="list-style-type: none"> Sustain SD 3.3, 3.4 Restore SD 3.3, 3.4
<ul style="list-style-type: none"> Restore RD threaded or cylinder ex hex 3.75 or 4.0 Sustain RD threaded or cylinder ex hex 3.75, 4.0, 4.2 <p><i>Refer to Branemark section for compatible components.</i></p>	<ul style="list-style-type: none"> Branemark, Regular Platform 4.1 3i Miniplant & Standard Osseotite IMZ Hex Head 3.3 & 4.0 Innova Entegra 3.25 & 4.0 Steri-Oss Hex-Loc 3.8 & 4.5
<ul style="list-style-type: none"> Restore WD threaded 5.0, 5.5, 6.0 or cylinder ex hex 5.0 Sustain WD threaded or cylinder ex hex 5.0 	<ul style="list-style-type: none"> Sustain WD ex hex 5.0 Restore WD ex hex 5.0, 5.5, 6.0
<ul style="list-style-type: none"> Sustain internal bevel cylindrical 3 diameters 	<ul style="list-style-type: none"> none
<ul style="list-style-type: none"> Stage-1 internal locking mortice taper 	<ul style="list-style-type: none"> ITI Original
<ul style="list-style-type: none"> Renova internal hex 	<ul style="list-style-type: none"> none
<ul style="list-style-type: none"> Prima Solo one-piece tapered design Prima Connex proprietary 6-lobed internal connection 	<ul style="list-style-type: none"> none none