

LOCATOR® vs Stern ERA®

Some say that the LOCATOR looks like an ERA....we say NO way!!!

Take a look at the differences summarized in the chart below and decide for yourself.

LOCATOR®

1. **Self-Aligning:** Patients can BITE denture into place without damage to attachment components.
2. **Dual Retention:** A patented combination of inner and outer retention ensures the longest lasting performance.
3. **Durability:** Independent Cycle Testing
LOCATOR Root = 110,000 insertions
LOCATOR Implant = 60,000 insertions
That is a minimum of 20 times longer lasting than ERA!
4. **Lowest Height:** LOCATOR Root = 2.5mm
(Female 1.5mm + Male Denture Cap 1.0mm)
LOCATOR on Hexed Implant = 3.17mm
5. **Male Pivots in Cap:** The LOCATOR Male pivots in its permanent metal denture housing for a genuine resilient connection of the prosthesis. The retentive nylon male remains in static contact with the female socket while its metal denture cap has a full range of rotational movement over the male. This patented design of the pivoting LOCATOR Male allows a resilient connection for the overdenture without any resulting loss of retention during the function of patient mastication.

ERA®

1. **Not Self-Aligning:** Patients must carefully insert their denture by hand only to avoid damage to the ERA Male.
2. **Inside Retention Only:** The outside skirt of ERA has no retentive function.
3. **Durability:** Independent Cycle Testing
ERA 0° Root = 3,500 insertions
ERA 0° Implant = 3,000 insertions
4. **ERA has Higher Profile:** Higher profile when used on both roots and implants.
ERA Root = 3.25mm (with metal cap)
ERA on Hexed Implant = 4.85mm
5. **Male Does Not Pivot in Cap:** The ERA Male does not pivot in its metal denture housing. The ERA retentive nylon male pivots in the socket of the female component, which applies constant friction and causes wear during the function of mastication.

LOCATOR®

6. **Greater Divergency:** The LOCATOR Attachment system can accommodate an angulated root or implant with up to 20 degrees of angulation.

LOCATOR Root female = 0-degree, 10-degree, and 20-degree (plus pivoting male of 7-degrees).

LOCATOR Implant Attachment = Use of the Extended Range Nylon Male which accommodates divergence up to 20 degrees on a single implant (40 degrees between 2 implants).

7. **Hand Tool:** A simple hand tool (LOCATOR Core Tool) easily changes males in 30 seconds.

ERA®

6. **Less Divergency:** ERA cannot handle angulated roots or implants to the extent of the LOCATOR.

ERA Root female = 0-degree, 5-degree, 11-degree, and 17-degree.

ERA Implant Attachment = 0-degree, 5-degree, 11-degree, and 17-degree.

7. **Dental Handpiece Required:** For all ERA cases a dental handpiece is required to change the Denture Male.