

SPRING THREAD®

Product Description

The aging process changes the main structures of the face; skin becomes thinner and fat is lost from beneath it, resulting in a loosening of the skin and a sunken eye appearance.

Thread lifting treatments can lift and reposition tissue that has become flaccid and drooping.

Spring Thread® is a next-generation thread lifting procedure introducing new, elastic thread technology.

The tissues composing the face: skin, fat, muscles, are complex materials. Their mechanical behaviour is called viscoelastic. This behaviour is not at all reproduced by common thread lifting materials and so they cannot remain securely fixed onto the tissue in which they operate.

Spring Thread® is a composite implant which consists of a silicone matrix that provides elasticity and flexibility, and a polyester helix core which provides resistance and control of the elasticity (about 20%, similar to human skin).

Polyester and silicone are inert materials, perfectly biocompatible, used for over 50 years for surgical implants.

The cogs are rounded, non-aggressive, pointing in the 4 directions and very numerous: 24 small cogs/cm. They

provide a non traumatic and much more effective anchorage than other existing threads.

Flexibility leads to a better tolerance of the product, compared to a rigid product:

- The thread can shorten during the movements of contraction
- It avoids hard end extrusions

Elasticity is fundamental:

- It allows the threads to lengthen with muscle movements
- It distributes tension along the entire length of the thread
- It absorbs tensile stress (like a shock-absorber of a car)
- No loss of fixation
- No pain by excessive stress

Finally, Spring Thread® allows for the dynamic stabilization of tissues: the tissues can “live”, lengthening and shortening, they are no longer frozen. Muscle mobility is preserved, the result is a natural effect.

Spring Thread®, as with other thread treatments, is implanted into the subcutaneous fat layer with Straight, V or X positioning. During procedure, it is possible to relax a thread which is too tight. Then, after a week, fibrosis produces an excellent fixation and continues to regenerate collagen for several months following the procedure

