ABSTRACTS

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THE SYSTEM ONE X-PANDER;
A NEW SUBCUTANEOUS PENILE PROSTHESIS FOR PENILE ENHANCEMENT

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Penile implants are presently utilized to overcome impotency. This paper introduces, for the first time, the use of a patented (U.S. Patent No. 5,445,494) penile implant made of a proprietary silicone material, designed specifically for penile enhancement.

Presently, the only treatments available for girth enhancement are insertion of dermal graft, or injection of fat under the penile skin.

Both methods have severe drawbacks, and possible risks and complications. These include lengthy operating time and patient recovery period, severe pain and discomfort at the site of the graft removal and/or the liposuction, formation of hard lumps and nodules under the penile skin, penile deformity resulting from partial absorption of the fat, and formation of large scar at the site of removal of the graft. Any of the aforementioned complications requires further multiple surgical procedures and patient inconvenience.

Desired Features of a Subcutaneous Penile Prosthesis:
The only solution to these seems to be the implantation of a prosthesis device especially designed so that:

A. It can achieve enlargement in both radial and lateral direction of the penis.
2. The design of the prosthesis and the location of the implant in the penis do not interfere with the structural integrity and normal functions of the penis.
3. The operation is reversible; i.e. the implant could be removed (for whatever reason) without permanent damage to the structure of the penis or its function.
4. The procedure does not leave any perceptible scars or compromise in any way the aesthetic look of the penis or other parts of the patient's body.
5. Its results are permanent, or at the very least, permanency is achieved without any further surgical procedures, discomfort or undue expense to the patient.

The Advantages of the System One X-Pander:
The System One X-Pander which has been developed by Elite Medical Devices, and successfully tested on patients outside the United States, has the following distinct advantages:

1. It will be implanted under the penile skin instead of inside the corpus cavernosum.
2. Since the product is custom made, girth enhancement may be achieved according to the patient's desires.
3. Since during the insertion of the System One X-Pander the suspensory ligament is released, over a period of time, the weight of the prosthesis will stretch the penis, thus increasing its length.
4. It does not interfere with the patient's natural sensation or ability to have his own erection.
5. Minimal scar tissue forms at the suprapubic area as a result of the method of surgical installation.
6. Fewer complications occur during and after the procedure.
7. The procedure is less traumatic to the patient.
8. The procedure can be performed under local anesthesia on an outpatient basis.
9. Less operating time (30 minutes) and reduced costs.
10. Does not require special instruments, thus it is easily adaptable by hospitals and surgicenters.
11. The procedure to implant the System One X-Pander is simple so that after a minimum course of training, surgeons can perform it all over the world.