



### **Experience Of Patient With Erectile Dysfunction Who Has Been In Therapy Low Intensity Extracorporeal Shock Wave Therapy (LI-SWT) With ED 1000 (Medispec)**

A 40-year-old male patient with initials MSD entered the Urology Clinic of Dr. Azwar Amir, Sp.U located in Private Care Center Dr.

WahidinSudirohusodo Hospital, Makassar. In March 2011, at 10am, the patient stated that he worked at one of the government institutions in Makassar, South Sulawesi.

Dr. Azwar asked the patient what made him coming to Urology Clinic. The patient was deeply worried because he wanted to get married but his penis can't maximum erection for penetration into the vagina(intercourse). The patient feels scared to marry with that condition.

The patient didn't have history of trauma to the genital or pelvic area, history of diabetes mellitus, heart disease and hypertension. This patient didn't smoke, didn't suffer from obesity, diligent exercise and didn't have history of severe stress. This patient taking PDE5-inhibitor drugs, but the result is not optimal.

Dr. Azwar did the physical examination, there were no abnormalities on general physical status and the physical status of urology, in particular there are no abnormalities in the penis and scrotum. During the examination of erection hardness (Erection Hardness Score / EHS), the patient had a EHS degree 3. Then, with routine laboratory examination and testosterone levels in the blood, also didn't found abnormalities in the patient examination.

The patient did therapy LI-SWT with ED 1000 made by Medispec, which is treatment procedure of erectile dysfunction by means of fired a low-intensity shock wave to some point in the penis. The shock wave generated from a device like a bulb, electrical energy is converted into shock waves focused on a single point.

LI-SWT on the application, low-intensity shock waves fired at five points on the penis that is on the top, the middle and the shaft of the penis near the base of the penis and the base of the right and left. A total of 300 shots at each point, total shot 1,500 times each time therapy.

Therapy carried 12 times for nine weeks. In the first three-weeks, therapy is done two times per week. After that, break for 3 weeks. The last three-weeks of therapy re-done 2 times a week. The result can be seen from the level of erection hardness after therapy performed.





Therapy in the first three-weeks has not provided a significant improvement for him, the level of erection hardness is not maximized perceived by the patient to perform sexual intercourse. Patient then entered the second three-weeks which is the resting phase with still feeling upset. Entering the third three-week, when met Dr. Azwar, he told that morning erection feels more powerful than usual. When examined erection hardness, the patient had a degree-3 erection hardness (Erection Hardness Score / EHS 3), the patient feeling happy.

Therapy was continued in the third three-weeks, after doing the therapy until ninth weeks, the patient began to feel his erection start to maximum hardness level. During the examination, the patient's level of erection hardness has degree-4. Patients admitted erection hardness has a maximum level after therapy.

One month after LI-SWT therapy, the patient determined to marry. Dr. Azwar was surprise got a wedding invitation from him. After marriage, the patient admitted that his wife satisfied with their sex lives. Three months later after the marriage, his wife was pregnant.

One year later, the patient controlled to the clinic of Dr. Azwar, he said that the erection hardness was still maximal. Sexual life of husband and wife is still running well. When examined, the level of erection hardness is degree-4. Entering the second year, patient's erectile strength is not changed, fixed maximum. Until now, the level of patient's erection hardness is still optimal for having sex.

Best regards,

Azwar Amir, MD, Urologist