



TRT
Tissue Regeneration Technologies

ENG

USER INFO – Urogold100 - DE, IPP, CPPS



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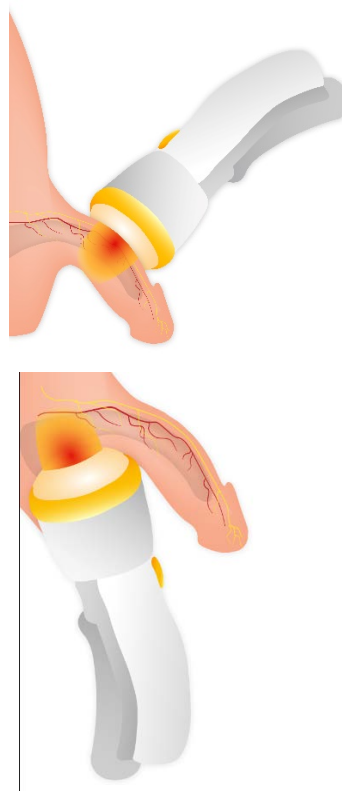
1. Erectile Dysfunction

Applicator	Energy flux density Energy level	Number of pulses	Frequency	Membrane pressure	Treatment interval	Total number of treatments
OP155	0,10 mj/mm ² - 0,12 mj/mm ² Levels 10 - 12	1. 1.500 pulses - 2,000 pulses	2 – 4 Hz	Level 1	1 or 2 in first week. Weekly thereafter, ok to miss a week.	6 in total, evaluate 12 weeks from initial treatment

1.1 Preparation for Urological Treatment

Prior to treatment, Prostate Cancer should be excluded clinically and/or serologically.

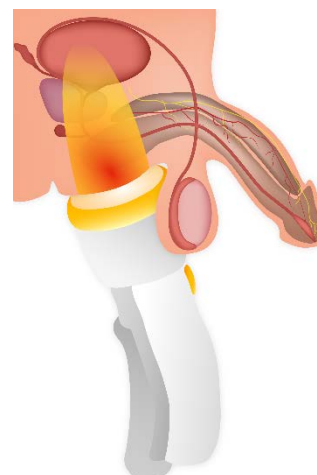
1. Direction and penetration depth of the treatment area must be located by ultrasound, palpation or anatomical knowledge.
2. Remove excessive hair from targeted areas as it traps air and limits results.
3. Make sure that the patient is prepared for the treatment and that the applicator water membrane and applicator housing are cleaned and disinfected. Clean and disinfect with customary, inorganic and non-flammable disinfectants.
4. Place disposable cover over applicator after applying ample gel to applicator water membrane cover. Remove any air bubbles from gel by working towards edges with fingers through disposable cover. Apply more gel on surface of disposable cover. Apply gel to targeted areas as well.
5. Adjust the necessary treatment parameters and begin treatment.
6. To achieve the most effective results, the applicator should always be held perpendicular to the treatment area and the entire face of the applicator should remain flush to the skin (you want to see the least amount of light from each pulse). Excess light is wasted energy.
7. After treatment; dispose of cover, clean ultrasound gel from skin and applicator and disinfect applicator housing and membrane.



1.2 Treatment Recommendation

Treatments 1 and 2:

- | | Pulses | Energy Level |
|--|--------------------|--------------|
| 8. Penis shaft – Pulses spread over entire shaft. Avoid tip. Apply laterally from both directions. | 900 pulses | 10 |
| 9. Crura – Always in direction of the Prostate, Apply SoftWaves from both sides. | 600 pulses | 12 |
| 10. Perineum– Always in direction of prostate, Apply between base of Scrotum and Anus. | 500 pulses | 12 |
| Total | 2000 pulses | |



When applying SoftWaves™ through the Perineum and Crura, apply moderate pressure to improve SoftWaves™ penetration towards the prostate.

Treatments 3 - 6

If patient responds positively, continue with treatment protocol indicated above. **If inadequate response after week 4, increase pulses by 25% and energy levels by 1.**

For patients diagnosed with Stenosis or lower back pain, an additional 500 pulses could be applied to the lumbar region of spine during the first two sessions.

2. Chronic Pelvic Pain (CPPS) / Chronic Prostatitis

Applicator	Energy flux density Energy level	Number of pulses	Frequency	Membrane pressure	Treatment interval	Total number of treatments
OP155	Max level 0.15 mJ/mm ² Levels 12 - 14	1000 - 1.250 pulses	2 – 4 Hz	Level 1	Weekly Ok to skip a weekly treatment	4 in total, evaluate 6 weeks from first treatment

2.1 Preparation for urological treatment

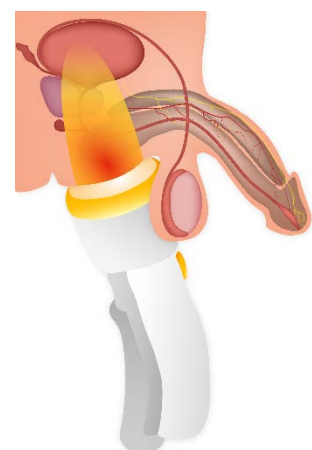
Prior to treatment, Prostate Cancer should be excluded clinically and/or serologically.

1. Direction and penetration depth of the treatment area must be located by ultrasound, palpation or anatomical knowledge.
2. Remove excessive hair from targeted areas as it traps air and limits results.
3. Make sure that the patient is prepared for the treatment and that the applicator water membrane and applicator housing are cleaned and disinfected. Clean and disinfect with customary, inorganic and non-flammable disinfectants.
4. Place disposable cover over applicator after applying ample gel to applicator water membrane cover. Remove any air bubbles from gel by working towards edges with fingers through disposable cover. Apply more gel on surface of disposable cover. Apply gel to targeted areas as well.
5. Adjust the necessary treatment parameters and begin treatment.
6. To achieve the most effective results, the applicator should always be held perpendicular to the treatment area and the entire face of the applicator should remain flush to the skin (you want to see the least amount of light from each pulse). Excess light is wasted energy.
7. After treatment: dispose of cover, clean ultrasound gel from skin and applicator and disinfect applicator housing and membrane.

2.2 Treatment Recommendation

Apply SoftWaves™ through the Perineum in the direction of the pelvic pain; typically in the direction of the prostate and Trigone. Apply SoftWaves™ broadly over the Perineum; from Anus to Scrotum, and 45 degrees laterally beneath the Scrotum. Apply pressure on the probe in the direction of the pain to improve penetration depth.

If there is inadequate improvement after 4 weeks, add an additional 2 treatments and an additional 750 pulses through the Crura in the direction of the prostate/trigone as well. Increase energy levels by 1.



3. Peyronie's Disease / Induratio Penis Plastica (IPP)

Applicator	Energy flux density Energy level	Number of pulses	Frequency	Membrane pressure	Treatment interval	Total number of treatments
OE050 or OE155	0.16mJ/mm ² , lvl 10, 0.12 mJ/mm ² , lvl 12	1000 -1.500 pulses	2 – 4 Hz	Level 1	Weekly / bi-weekly; OK to miss a treatment	6 in total, evaluate 8 weeks from 1 st treatment

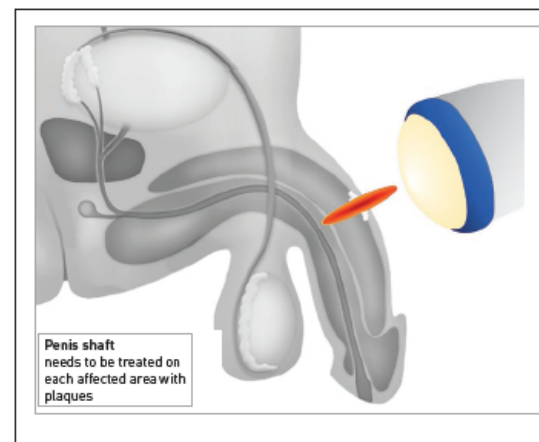
3.1 Preparation for urological treatment

1. Direction and penetration depth of the treatment area must be located by ultrasound, palpation or anatomical knowledge.
2. Remove excessive hair from targeted areas as it traps air and limits results.
3. Make sure, that the patient is prepared for the treatment and the water membrane and applicator housing are cleaned and disinfected. Clean and disinfect with customary, inorganic and non-flammable disinfectants.
4. Place disposable cover over applicator water membrane after applying ample gel to applicator water membrane cover. Remove any air bubbles from gel by working towards edges with fingers through disposable cover. Apply more gel on surface of disposable cover. Apply gel to targeted areas as well.
5. Adjust the necessary treatment parameters and begin treatment.
6. To achieve the most effective results, the applicator should always be held perpendicular to the treatment area and the entire face of the applicator should remain flush to the skin (you want to see the least amount of light from each pulse). Excess light is wasted energy.
7. After treatment; dispose of cover, clean ultrasound gel from skin and applicator and disinfect applicator housing and membrane.

3.2 Treatment Recommendation

Apply SoftWaves™ to each affected area of the penis shaft where the plaques are located. Apply from different directions for best coverage.

Make certain to pulse a large area of the penile shaft as increased vascularity of the entire penis is important for healing.



4. Nocturia / Frequent Night time Urination and Poor Urine Flow

Applicator	Energy flux density Energy level	Number of pulses
OP155	Max level 0.13mJ/mm ² level 10 - 13	1000-1.500 pulses

4.1 Preparation for urological treatment

Prior to treatment, prostate cancer should be excluded clinically and/or serologically.

1. Direction and penetration depth of the treatment area must be located by ultrasound, palpation or anatomical knowledge.
2. Remove excessive hair from targeted areas as it traps air and limits results.
3. Make sure, that the patient is prepared for the treatment and the water membrane and applicator housing are cleaned and disinfected. Clean and disinfect with customary, inorganic and non-flammable disinfectants.
4. Place disposable cover over applicator water membrane after applying ample gel to applicator water membrane cover. Remove any air bubbles from gel by working towards edges with fingers through disposable cover. Apply more gel on surface of disposable cover. Apply gel to targeted areas as well.
5. Adjust the necessary treatment parameters and begin treatment.
6. To achieve the most effective results, the applicator should always be held perpendicular to the treatment area and the entire face of the applicator should remain flush to the skin (you want to see the least amount of light from each pulse). Excess light is wasted energy.
7. After treatment: dispose of cover, clean ultrasound gel from skin and applicator and disinfect applicator housing and membrane.

4.2 Treatment Recommendation

Crura

(between scrotum and shaft) – In the direction of the crura left and right side.

750 Pulses

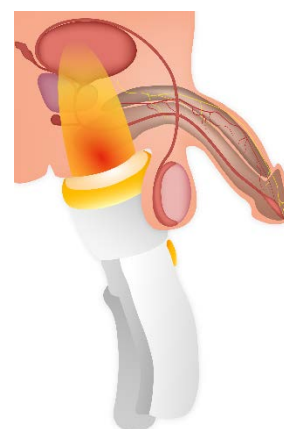
Perineum

Apply SoftWaves™ between the base of the scrotum and the anus in the direction of the prostate.

750 Pulses

Total 1500 Pulses

If inadequate improvement after 4 weeks, increase pulses by 500 and energy levels by 1 or 2, especially in large patients.



5. Increased Production of Testosterone (Low – T) / Increased size of Testicles

Applicator	Energy flux density Energy level	Number of pulses	Frequency	Membrane pressure	Treatment interval	Total number of treatments
OP155	Max level 0.09 mJ/mm ² levels 7 - 9	400 -500 pulses per testicle	2 – 4 Hz	Level 1	Weekly / bi-weekly OK to miss a weekly treatment	4 in total, evaluate 6 weeks from first treatment

4.1 Preparation for urological treatment

Prior to treatment, prostate cancer should be excluded clinically and/or serologically.

1. Direction and penetration depth of the treatment area must be located by ultrasound, palpation or anatomical knowledge.
2. Remove excessive hair from targeted areas as it traps air and limits results.
3. Make sure, that the patient is prepared for the treatment and the water membrane and applicator housing are cleaned and disinfected. Clean and disinfect with customary, inorganic and non-flammable disinfectants.
4. Place disposable cover over applicator water membrane after applying ample gel to applicator water membrane cover. Remove any air bubbles from gel by working towards edges with fingers through disposable cover. Apply more gel on surface of disposable cover. Apply gel to targeted areas as well.
5. Adjust the necessary treatment parameters and begin treatment.
6. To achieve the most effective results, the applicator should always be held perpendicular to the treatment area and the entire face of the applicator should remain flush to the skin (you want to see the least amount of light from each pulse). Excess light is wasted energy.
7. After treatment: dispose of cover, clean ultrasound gel from skin and applicator and disinfect applicator housing and membrane.

4.2 Treatment Recommendation

Apply 400 – 500 pulses per session to each testicle from multiple directions for best coverage. Start at the lowest level (7) and gradually increase. Reduce energy level if there is any pain. If pain continues at low energy, discontinue treatment.

