

**SUMMARY OF SAFETY AND EFFECTIVENESS  
for Transcutaneous Nerve Stimulator**

510(k) No: K071624

**DATE OF**

**SUBMISSION:** June 1, 2007

**SUBMITTER:** EVERLIFE MEDICAL EQUIPMENT CO., LTD.  
NO 58, FU-CHIUN ST.  
HSIN-CHU CITY, CHINA (TAIWAN) 30067  
TEL: 886-3-5208829  
FAX:886-3-5209783

**ESTABLISHMENT**

**REGISTRATION NO:** 3004753827

**NOV 27 2007**

**OFFICIAL**

Dr. JEN, KE-MIN

**CONTACT:**

NO 58, FU-CHIUN ST.  
HSIN-CHU CITY, CHINA (TAIWAN) 30067  
TEL: 886-3-5208829  
FAX:886-3-5209783

**TRADE NAME:**

EVERLIFE Transcutaneous Nerve Stimulator,  
T-100201, T-100202, T-100203, T-100801,  
T-100802, T-100803, T-100501, T100502,  
SD-100506, T-201110, T-201210, T-201310, T-300708

**COMMON/USUAL  
NAME:**

Transcutaneous Nerve Stimulator

**CLASSIFICATION  
NAME:**

Transcutaneous Nerve Stimulator

**REGULATION  
NUMBER:**

882.5890, GZJ, Class II

**PREDICATED  
DEVICE:**

APEX Transcutaneous Nerve Stimulator,  
K902102, K931570, K012643, K021755, K970429,

( Please refer to the following comparison page.)

**INTENDED USE:**

To be used in symptomatic relief of chronic intractable  
pain, post-traumatic and post-surgical pain.

## Comparison for Predicate Device & Subject Device

<b>510K Number</b>	<b>APEX Model (predicate device)</b>	<b>Everlife Model (new device)</b>	<b>Note</b>
K902102	COM-TENS	T-100201	<b>Identical</b>
		T-100202	Substantial Equivalence
		T-100501	Substantial Equivalence
		T-100502	Substantial Equivalence
		T-100801	Substantial Equivalence
		T100802	Substantial Equivalence
K931570	COM-TENS (Single Mode)	T-100203	<b>Identical</b>
		T-100803	Substantial Equivalence
K012643	Apex Medical LCD TENS-VII	T-300708	<b>Identical</b>
K021755	TS-1211	T-201110	<b>Identical</b>
		T-201310	Substantial Equivalence
	TS-1212	T-201210	<b>Identical</b>
K970429	BIOSCOPE SD TENS	SD-100506	<b>Identical</b>

**Description of Device:**

A sequenced system for transcutaneous muscle stimulation consists of a stimulator, a sequencer for channel selection, patient cable, and electrodes applied to the skin.

Various types of waveforms may be output to generate the desired effect on the muscle(s) to be treated, and the patient is given control of the signal intensity for personal safety and comfort. Sequenced system may have more than one output channel in order to operate bilaterally on the body or to treat multiple regions simultaneously or serially in a prescribed sequence.

**Non-Clinical Tests Submitted:**

The EVERLIFE Transcutaneous Nerve Stimulator has been tested in accordance with applicable standards for medical device electrical safety, electromagnetic compatibility, and the particular requirements for safety of nerve and muscle stimulators.

Accessories also meet safety requirements: 510(k) electrodes are specified, and the patient cable utilizes shrouded connectors to meet lead wire safety requirements.

System level testing including waveform testing was performed in combination with the EVERLIFE Transcutaneous Nerve Stimulator.

**Clinical Tests Submitted:**

None

**Conclusion:**

As the product description and tests as above, the new device: EVERLIFE Transcutaneous Nerve Stimulators are as safe and effective as, and the function in a manner equivalent to the predicate devices.

Thus the new device is substantially equivalent to the predicate devices in this aspect.



NOV 27 2007

Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

Everlife Medical Equipment Co., Ltd.  
% Dr. Jen Ke-Min  
No. 58, Fu Chiun Street  
Hsin Chu City, 30067  
Taiwan, ROC

Re: K071624  
Trade/Device Name: Everlife Transcutaneous Nerve Stimulator models T-100201,  
T-100202, T-100501, T-100502, T-100801, T-100802, T-100203,  
T-100803, T-300708, T-201110, T-201310, T-201210, SD-100506  
Regulation Number: 21 CFR 882.5890  
Regulation Name: Transcutaneous electrical nerve stimulator for pain relief  
Regulatory Class: Class II  
Product Code: GZJ  
Dated: October 29, 2007  
Received: November 6, 2007

Dear Dr. Jen Ke-Min:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

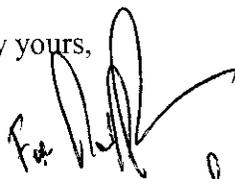
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Center for Devices and Radiological Health's (CDRH's) Office of Compliance at (240) 276-0120. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). For questions regarding postmarket surveillance, please contact CDRH's Office of Surveillance and Biometric's (OSB's) Division of Postmarket Surveillance at (240) 276-3474. For questions regarding the reporting of device adverse events (Medical Device Reporting (MDR)), please contact the Division of Surveillance Systems at (240) 276-3464. You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at toll-free number (800) 638-2041 or (240) 276-3150 or the Internet address <http://www.fda.gov/cdrh/industry/support/index.html>.

Sincerely yours,



*For [unclear] ms  
Oct 15  
11/27/12*

Mark N. Melkerson  
Director  
Division of General Restorative  
and Neurological Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

## Indications for Use

510(k) Number: K071624

Device Name: EVERLIFE Transcutaneous Nerve Stimulator,  
T-100201, T-100202, T-100203,  
T-100801, T-100802, T-100803,  
T-100501, T100502, SD-100506,  
T-201110, T-201210, T-201310, T-300708

### Indications for Use :

To be used in symptomatic relief of chronic intractable pain, post-traumatic and post-surgical pain.

Prescription Use

AND/OR

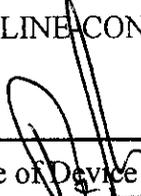
Over-The-Counter Use

(Part 21 CFR 801 Subpart D)

(21 CFR 807 Subpart C)

(PLEASE DO NOT WRITE BELOW THIS LINE. CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

  
**(Division Sign-Off)**

**Division of General, Restorative,  
and Neurological Devices**

510(k) Number

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