

MAR 13 2005

**Exhibit 19**  
**Summary of Safety & Effectiveness**

K 051875

2 May 2005

The *BioFlex™ Prescription Unit and related Treatment Heads* are designed for clinical applications to provide low level light therapy and display system parameters as part of the treatment session. This device does NOT store patient data. As such, *this device* is a Class II device, having Regulation Number: **21 CFR part 890.5500. Product Code ILY**

This summary is submitted in behalf of:

**Meditech International Inc.**  
411 Horner Ave., Unit #1,  
Etobicoke, Ontario, Canada M8W 4W3  
Voice phone number 416 251 1055  
Fax phone number 416 251 2446

This summary is submitted by:

Richard Keen  
**Compliance Consultants**  
1151 Hope Street  
Stamford, Connecticut, 06907  
Voice phone number (203) 329 2700  
Fax phone number (203) 329 2345.

The *BioFlex™ Prescription Unit and related Treatment Heads* are described as a Class II Low Level Laser treatment heads that apply energy, which penetrates the skin surface to the underlying tissues, and triggers normal cellular functions that lead to a surgery-free, drug-free, and low cost benefit to the patient, the practitioner and the health care system.

The **scientific concept** on which this device is based is the principle that by stimulating a local area with low level laser to relieve pain.

The **intended use** of this device is for a trained health care professional to diagnose that specific patients would benefit from this therapy and treat patients for specific ailments using specific protocols.

The "Indications for Use" for this device *is intended to emit energy in the infrared spectrum to provide topical heating for use when heat is indicated in the temporary relief of minor muscle and joint pain, muscle spasm, pain and stiffness associated with arthritis, and promoting relaxation of the muscle tissue.*

This is a *prescription only* device. The labeling, instructions and user operations are designed for health care professionals.

**Meditech International Inc.** has determined that the *BioFlex™ Prescription Unit and related Treatment Heads* are substantially equivalent to the performance of these predicate devices:

## Exhibit 19 Summary of Safety & Effectiveness

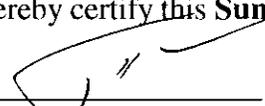
- **BioFlex™ Professional System** consisted of four low level light therapy (LLLT) treatment heads (LEDs) powered by an electronic control unit that was driven by a P.C. using software, K023621 (completed in 10 April 2003).
- **BioFlex™ LD-I75 & LD-I200 Treatment Heads** consists of two laser diode treatment heads that were designed to work with the **BioFlex™ Professional System**. These laser diode treatment heads were determined substantially equivalent in K041885 (completed on February 24<sup>th</sup>, 2005).

A series of factory calibration tests are conducted to verify the device is accurate and calibrated (and can maintain calibration over its useful life). The **BioFlex™ Prescription Unit and related Treatment Heads** has benefited from design, development, testing and production procedures that conform to Quality Systems.

*This device* is safe and effective for the application for which it is intended and has been tested to confirm safety and efficacy. **Meditech International Inc.** continues to search all appropriate sources for information relating to safety and effectiveness and maintains an *in-house* reporting system to identify adverse safety and effectiveness information and as such, applicable data is recorded for this product.

### **CERTIFICATION:**

I hereby certify this **Summary of Safety and Effectiveness** applies for the above indicated device.

  
\_\_\_\_\_  
Dr. Fred Kahn  
President

**Meditech International Inc.**

411 Horner Ave., Unit #1,  
Etobicoke, Ontario, Canada M8W 4W3  
Voice 416 251 1055  
Fax 416 251 2446



Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

MAR 13 2006

Meditech International, Inc.  
c/o Compliance Consultants  
Mr. Richard Keen  
1151 Hope Street  
Stamford, Connecticut 06907

Re: K051875

Trade/Device Name: BioFlex Prescription Unit and Related Treatment Heads  
Regulation Number: 21 CFR 890.5500  
Regulation Name: Infrared lamp  
Regulatory Class: II  
Product Code: ILY, GEX  
Dated: February 10, 2006  
Received: February 14, 2006

Dear Mr. Keen:

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.

Page 2 – Mr. Richard Keen

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 Office of Compliance at (240) 276-0115. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/dsma/dsmamain.html>

Sincerely yours,

A handwritten signature in black ink, appearing to read "Mark N. Melkerson". The signature is written in a cursive style with a large initial "M".

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

Enclosure

**Exhibit 2  
Indications for Use**

510(K) Number (If known): K051875

Device Name: BioFlex™ Prescription Unit and related Treatment heads

**Indication For Use:**

The *BioFlex™ Prescription Unit and related Treatment Heads* is used by trained health care professionals and is indicated for the use to emit energy in the infrared spectrum to provide topical heating for the purpose of elevating tissue temperature for temporary relief of minor muscle and joint pain, arthritis, muscle spasm, relieving stiffness and promoting relaxation of muscle tissue.

The *BioFlex™ Prescription Unit and related Treatment Heads* is a "multi-mode" low level light treatment system configured for multiple treatment heads and powered by a flexible protocol controller that delivers various treatment protocols.

Prescription Use XXX  
(Part 21 CFR 801 Subpart D)

AND/OR

Over - The - Counter Use \_\_\_\_\_  
(21 CFR 807 Subpart C)



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

**Division of General, Restorative,  
and Neurological Devices**  
Concurrence of CDRH, Office of Device Evaluation (ODE)