

FLORIDA INTEGRATIVE MEDICAL CENTER

A Unique Facility for Holistic Healthcare

ULTRAVIOLET BLOOD IRRADIATION (UBI) THERAPY

Date: 09/01/2002

Ultraviolet blood irradiation (UBI) therapy is administered by a device called the Knott Hemo-irradiator. UBI therapy raises the resistance of the host and is therefore able to control many disease processes. A fundamental effect of UBI is to energize or enhance the biochemical and physiological defenses of the body by the introduction of ultraviolet energy into the blood stream. It is well known that ultraviolet radiation is used to purify water and treat sewage. So too it can purify and clean the blood of contaminations in the form of germs.

This is intravenously applied by irradiating blood with a controlled amount of ultraviolet energy in the accepted therapeutic UV band. This produces a rapid detoxifying effect with subsidence of toxic symptoms. Venous oxygen is increased in patients with depressed blood oxygen values. Of special interest is that a rapid rise in resistance to viral and bacterial infection, acute or chronic, occurs. No harmful effects have been observed with UBI therapy in thousand of cases or viral infections, hepatitis, bacterial infections, hypoxemia, and many other illnesses, especially blood-related infections.

The American Blood Irradiation Society published a favorable opinion of the use of UBI to control virus and virus-like disease. The opinion was based on thousands of clinical cases treated with this therapy, many of which were reported in published papers and presented before official medical groups. Much additional clinical data has been reported.

Indications: According to the Foundation For Blood Irradiation, Inc, UBI has been found useful in treating:

VIRAL INFECTIONS

- Poliomyelitis , polio-encephalitis, myelitis
- Hepatitis: infectious, serum
- Influenza
- Common upper respiratory disease
- Herpes simplex, Herpes zoster
- Mononucleosis, Mumps, Measles

BACTERIAL INFECTIONS

- Pneumonia
- Septicemia (staphylococcus, streptococcus, pneumococcus)
- Wound Infections, lymphatic infections (lymphangitis)
- Peritonitis
- Typhoid Fever
- Recurrent skin infections (furunculosis, carbunculosis)

INFLAMMATORY CONDITIONS

- Acute thrombophlebitis, fibrositis, bursitis, nephritis, iritis, uveitis, cholecystitis, pancreatitis
- Rheumatoid arthritis

CIRCULATION CONDITIONS

- Varicose and diabetic ulcers
- Peripheral vascular disease
- Gangrene
- Vascular headaches

OTHERS

- Non-healing Wounds and Fractures
- Pemphigus
- Emphysema
- Adjunctive cancer treatment (Germany)

Preliminary reports indicate that UBI may be useful in treating HIV. Work is currently under way to evaluate the effects of UBI on eliminating HIV from blood and blood products. Should this be successful, this would have major implications in ensuring the safety of blood in blood banks.

The efficacy of this method is attested to by the remarkable and consistent recovery of patients with a wide variety of diseases. In addition, it can be stated that UBI has never caused a disease of any sort, nor has it ever damaged a patient in its use. Over 60 scientific and clinical papers on ultraviolet blood irradiation have been reported in medical journals and before medical groups (see end).

RATIONALE AND METHOD OF TREATMENT

The Knott technique of blood irradiation (approved by the American Blood Irradiation Society) achieves the following physiologic objectives:

- Increases the blood oxygen level
- Increase phagocytosis (white blood cell activity)
- Relieves toxemia,
- Decreases edema (swelling)
- Controls nausea and vomiting.

The treatment consists of withdrawing blood from the patient and by use of the Knott hemo-irradiator, exposing it to radiant energy between the wave lengths of 2,399 and 3,900 angstrom units as it passes through the irradiation unit at a predetermined rate. The blood is returned to the patient through the needle used for the initial venipuncture (IV). The entire system is "closed" meaning the patient's blood never leaves the tubing or the bottle and is simply returned back into the vein after passing through the UV device. Treatment requires 15-60 minutes depending on the amount of blood treated and how fast the blood flows. After the treatment, 15 minutes of rest is required, after which time the patient may resume whatever activity is permitted by his or her Woodlands Healing Research Center physician.

ADVERSE REACTIONS

The complete absence of harmful effects, either immediate or delayed, when UBI is used properly, has allowed clinical investigators to use this procedure over a period of twenty years and more on a single patient.

· Citrate reactions. In over ten thousand applications of this therapy given by Miley, he has noted only six adverse reactions due to the procedure itself, all typical citrate reactions, accompanied by headache, chill, temporary (2-12) fever of not more than 102.0 degrees F., and moderate calf muscle spasm. This is less than 0.1%, an incidence much lower than that encountered in intravenous procedures in general. For all practical purposes this infrequent type of reaction can be disregarded.

· Photosensitization (Light) Reactions In view of the fact that photosensitive drugs and light characteristically a rapid increase in tissue permeability, especially in the large intestines, there may swelling in the tissues of the lungs, brain, skin, intestine and kidneys if UVB is used with certain types of drugs that increase its effects. It has been found by the authors and others that UBI, after sulfa drugs had been discontinued, was a safe procedure. Miley discovered that the use of photosensitizing drugs with UVB can be very unpredictable with sulfa drugs being the worst offenders. However, it was found that sulfa drugs could be safely given before UBI but had to be stopped for at least 4 days after the last UV treatment was given. Iodide drugs can also be a problem, especially if given intravenously. Common non-photosensitive medications (ones that are OK to use with UBI) include penicillin, aspirin and other salicylates, broad-spectrum antibiotics, alkaloids, glucose, saline, and whole blood and plasma. It is our experience that psychotropic medications (pain pills, anxiety and depression pills) should be used with caution as UBI may increase their effect upon the body's chemistry.

· Reactions due to death of bacteria (Herxheimer's Reaction). Frequently in acute bacterial infections there occurs in the first twenty four hours following UBI a reaction due to the rapid death of large numbers of infectious organisms, characterized by chill, rise in temperature, and a temporary increase in generalized toxic symptoms. This is usually followed in a few hours by a subsidence of all untoward symptoms. This "die-off" reaction is usually similar to "flu-like" symptoms of headache, achiness, tiredness, and just "not feeling well" and usually lasts only several days. This "die-off" reaction can, however, occur with any type of treatment including antibiotics.

· Exacerbation reaction's in chronic diseases. Dr. Miley reports that in approximately 50% of individuals with bronchial asthma, nasal sinusitis and chronic rheumatic disease (also in acute rheumatic disease), there appears for the first four to five days following initial UBI an aggravation of the pre-existing symptoms which is usually no more severe than any previous severe exacerbation. This is especially true following the first application of UBI, much less likely to occur after a second UBI, and rarely after third.

· Possibility of producing shock. The withdrawal of blood from a patient in profound shock has been performed frequently in the Knott technique with no adverse effect. On the contrary, the rapid disappearance of shock following re-injection of irradiated blood has been observed.

· Other reactions. A rare and mildly depressant effect has been noted, characterized by mental lassitude and a desire to sleep more than usual; this is without much clinical significance, but is worthy of mention.

EXAMPLE OF RESULTS

One report lists forty-three cases of Hepatitis Treatment with UBI. [1] Averages of 3.28 treatments per patient were administered in this series. Laboratory studies were employed to confirm clinical improvement, which occurred on an average of 19.2 days after institution of blood irradiation therapy. Sixty percent of the patients were considered clinically recovered and able to return to their occupations in two weeks or less.

MORE INFORMATION

The prime text on U.V. light therapy is, Into the Light, by William Douglas, M.D., in which there is extensive review of the scientific

literature. The Europeans have concentrated primarily on its use in cardio-vascular disease, while the American literature concentrates more on infectious diseases. See also the article that follows this short monograph with references included.

PATIENT GUIDELINES: IT IS VERY IMPORTANT THAT YOU...

· Assist your body in eliminating water and toxins that will be flushed by this therapy. You should drink 6 to 8 glasses of pure spring water or filtered water daily, primarily between meals.

· Have at least one bowel movement daily. This will be aided by exercise, eating fruit, taking extra magnesium and vitamin C to bowel tolerance, taking herbal laxatives when needed or flax seed as herein suggested:

Flax Seed Recipe: 1 Tbs. Flaxseed oil in 1 qt. pure water. Bring flaxseed to boil in water, remove from heat and let sit one hour. Refrigerate. Take 1 Tbs. up to 3 times daily to promote healthy bowel elimination.

· Alternatively, the "Springreen program" may be used to promote elimination and intestinal detoxification at the same time.

· Take a Brisk daily walk in fresh air is energizing, cleansing, and healing to your body. It will also bring invaluable exposure to sunlight, even on cloudy days. As you walk and breathe, focus on the natural beauties around you. Think of how your body, mind, and spirit are, part of your natural surroundings. This assists you in healing your mental as well as physical energies.

· Bathe your body daily and rub your skin vigorously with a terry cloth or lufa. A separate handout gives instruction on more detailed detoxification baths and will be given in individual cases as needed and determined by the doctor. In general, this simple bathing recommendation will suffice for the majority of people.

PATIENT RESTRICTIONS: IT IS VERY IMPORTANT THAT YOU...

· Antibiotics should not be taken during the course of U.V. light therapy, unless under the direct supervision of your doctor. They may be photosensitizing.

· Those taking thyroid medications may need to decrease their dosages to avoid excessive elevations of metabolism, which might ensue when combined with the U.V. light therapy. Thyroid testing may need to be performed during treatment in selected cases.

· Avoid strenuous exercise for at least 2 hours following each U.V. light treatment.

· If you have any questions or concerns, contact Florida Integrative Medical Center immediately at 941-955-9220.

The information contained in this monograph is for education purposes only and does not constitute medical advise. All medical advice, procedures, diagnosis and treatments should only be performed under the careful guidance and instruction of a physician properly trained in these areas. For a local physician that may be knowledgeable about this topic, you may contact any of the following organizations: The American College for Advancement in Medicine 23121 Verdugo Dr., Suite 204, Laguna Hills, CA 92653 (714)-583-7666