

WHO AM I ?

- MA in Physics from Oxford, England
- Master in Industrial Administration from Yale
- Seven years with McKinsey and Company, the management consultants
- Led the McKinsey teams that reorganized the Irish National Health Service and the Welsh National Health Service
- Life Trustee of Northwestern Hospital Foundation in Chicago
- Ten years of learning about alternative health treatments culminating in me becoming aware of Ultraviolet Blood Treatment
- *No direct or indirect financial interest* in any aspect of UBT – just horrified at the hundreds of thousands of unnecessary deaths from infections and the suffering of millions.

WHY AM I HERE?

Ultraviolet Blood Treatment (UBT)

The closest thing there is to a universal cure for infections caused by a virus or superbug

UBT PROTOCOL

- Draw 40cc of blood
- Dilute 4-1 with saline
- Add Heparin to prevent clotting
- Expose to UV-C and UV-A
- Re-infuse at withdrawal site

Takes 25-30 minutes



UBT ENABLES THE BODY TO CURE ITSELF

- UV-C destroys *some* of any pathogen; provides a specific vaccine effect
- UV-A and UV-C absorbed by red blood cells and released over time
- Increases blood uptake of oxygen
- Vasodilation occurs
- Tissues improve their ability to extract oxygen
- Increases activation of IgM and IgG
- Activates peroxidase

THE BODY CURES ITSELF

- When re-infused, pathogens inactivated by UV-C enable the immune system to recognize the live pathogen
- UV-A absorbed by the blood enhances the immune system
- The immune system eradicates the live pathogens in the body and cures it

MECHANISM OF UBT

The exact germicidal mechanism of UVA and UVC light is not fully understood probably because there is not one linear mechanism that is occurring but rather a very complex sequence of events that is extremely difficult for the human mind to map and understand. However, scientists have shown evidence that UV light acts as a direct germicidal and toxin inactivator, tones the autonomic system, increases peripheral vasodilation and oxygen delivery to the tissues, induces cytokines and interferons which stimulate the immune system.....

(Mechanism of UBT continued...)

and upregulates the antioxidant enzyme systems of the body – catalase, superoxide dismutase glutathione peroxidase. Therefore, UV blood irradiation therapy probably provides an inactivation of pathogens, a more resistant terrain, improved circulation, and alkalization. The literature states that the treatment with UV light has a cumulative effect over the course of a few treatments. The hemoglobin in our blood readily absorbs the UV photons and will gradually release them over time, continuing to stimulate the body's physiology.

TECHWATCH OBJECTIVE

... Provide the government with the latest information about emerging technologies...

UBT “EMERGED” 90 YEARS AGO

1923: UBT used effectively on dogs infected with severe septicemia

1928: First used on a human. UBT cured a moribund woman with septic abortion complicated by hemolytic streptococcus septicemia

1933: UBT cured a 2nd patient with advanced hemolytic streptococcus septicemia

1940s Dozens of US doctors were using UBT to cure a myriad of bacterial and viral infections including polio, septicemia, hepatitis, post-op, etc.

DECLINE AND RESURGENCE OF UBT

1950s Antibiotics, vaccines and corticosteroids
halted growing US interest in UBT

1950s-1980s UBT popular in Russia and East Germany

1990s Resurgence of US interest in UBT as a treatment for
viral infections and for multi-drug resistant bacteria
(Superbugs)

By Today: Millions of successful UBT treatments

EARLY REPORTS OF UBT SUCCESSES

- Sepsis
- Polio
- Viral pneumonia
- Hepatitis
- Acute Rheumatic heart disease in children
- Botulism

“The Cure That Time Forgot”. International Journal of Biosocial Medical Research Vol. 14(2) 115-32, 1996

Polio Treated With UBT

	<u>Early</u>	<u>Moderately Advanced</u>	<u>Apparently Moribund</u>
Bulbar Spinal Recovered		4 4 (100%)	7 6 (85%)
Spinal Recovered	36 36 (100%)	11 11 (100%)	

Consecutively Treated by Miley & Christenson
1944 epidemic: 40% mortality of untreated acute Bulbar cases.

Viral Pneumonia Treated With UBT

	<u>Early</u>	<u>Moderately Advanced</u>	<u>Apparently Moribund</u>
Viral Pneumonia	2	11	2
Recovered	2 (100%)	11 (100%)	2 (100%)

Consecutively Treated by Miley and Christensen
in 1944.

Sepsis Treated With UBT

	<u>Early</u>	Moderately <u>Advanced</u>	Apparently <u>Moribund</u>
Puerperal Sepsis	3	14	4
Recovered	3 (100%)	14 (100%)	3 (75%)
Incomplete Septic			
Abortions	12	57	2
Recovered	12 (100%)	57 (100%)	1 (50%)

Miley, 1947 Hahnemann Hospital. Report of
Consecutively Treated cases.

Hepatitis Treated With UBT

43 cases of acute viral hepatitis (12 Hep-B) treated

- 41 cured
- 1 Recurrence
- 1 Re-infected (heroin addict)

Olney 1955 – *Consecutively Treated*

Children's Acute Rheumatic Heart Disease Treated With UBT

22 consecutive cases cured. Miley et.al. 1946

Monday, June 13, 1949



Dr. George Miley et al. of the New York Infirmary reported the success of UBT in curing 22 consecutive cases of rheumatic heart disease in children aged 3-13.

Treatments were given a week apart at first, then at longer intervals depending on the patient's response; the average number given was less than three. All of the patients left the hospital without any sign of rheumatic heart disease except mechanical damage that had already taken place in the heart. The doctors concluded that UBT is safe and may prove, after further tests, to be the best treatment available.

Botulism Treated With UBT

One comatose patient cured

Miley, 1944

Why Do We Need UBT Now?

Virus

Flu
Pneumonia
Hepatitis
SARS/MERS
Shingles
Polio
Chicken Pox
Measles
Pertussis
West Nile
Ebola
Etc.

Superbug

MRSA
CRKP
CRE (50% fatal)
C-Diff
Gonorrhea
TB
Necrotizing Faciitis
Etc.

Sepsis In The USA

- 700,000 cases
- 200,000 deaths

Superbugs

2 million cases

23,000 deaths (17 Superbugs)

Nosocomial Infections

- 650,000 patients infected
- 75,000 deaths
 - Pneumonia (22%)
 - Post Op (22%)
 - Gastrointestinal (17%)
 - Urinary tract (13%)
 - Bloodstream (10%)

Flu Shots Only Moderately Effective

- 62% effective for children
- 55% effective against flu A
- 70% effective against flu B
- Flu and Pneumonia caused 7.3% of deaths
- Not very effective for seniors

24,000 flu deaths – some strains lethal

Many more suffer

CDC

The Sky Isn't Falling!

- “Life without antibiotics - Superbugs”
- “Killer viruses”

UBT is Effective Against “Untreatable” Infections

Efficacy

- Close to a perfect record treating serious acute infections
- Cured over half of moribund patients

Viral Infections

- No “standard of care” treatment ever effective against viral infections
- Keep patients alive and hope immune system cures them

Superbug Infections

- Latest antibiotics ineffective; some nasty side-effects
- Pharma companies abandoning antibiotic research

UBT Works Fast

Vaccinations take two weeks to be effective.

Why does UBT work in 12-24 hours?

- It's IV, not intramuscular
- Fresh Kill
- Specific to the disease
- UV enhances the immune system

UBT may alleviate symptoms in an hour!

UBT Is Very Safe

In over 75 years, and millions of treatments, there have been no reports of significant adverse side effects due to UBT.

End Of Treatment-Resistant Pathogens

Pathogens have not, and probably cannot,
develop resistance/immunity to UBT

UBT is Inexpensive

- In volume, equipment would cost a few hundred dollars
- Disposables cost \$20-\$30 per treatment
- Compared to hospitalization, ICU, etc., cost of UBT is irrelevant

Major UBT Roadblock

- Not approved by the FDA so cannot be used in a hospital
- “Grandfathered” by FDA in 1976 for use in a doctor’s office...

FDA Response to 11/23/2009 email about UBT Device:

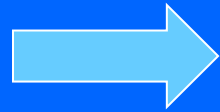
“You are correct that, as a licensed practitioner you are exempted from the medical device requirements as long as the item is used solely in your practice. As soon as you expand beyond your own practice, the exemption provided by 21 CFR 807.65(d) would no longer apply.”

- ...but state medical societies use draconian methods to stamp out UBT
- UBT and Equipment are in the public domain
 - For-profit enterprise will *not* invest in an FDA clinical trial with no hope of any price protection

What Can You Do?



Spread the word about UBT



Help me figure out how to get
FDA approval for UBT

Medical Impact of UBT Becoming “Standard of Care”

- UBT available in every ER and ICU
- Hundreds of thousands of deaths prevented e.g., sepsis, viral pneumonia, Superbugs
- UBT available in primary care offices
- Suffering of millions of people shortened and after-effects avoided e.g., flu, shingles
- Antibiotics without side-effects continue to be used for minor bacterial infections

Economic Impact of UBT

- Obsoletes antibiotics with potentially nasty side effects
- Changes the practice of infectious disease medicine
- UBT in ERs reduces waiting times for flu, etc. and lets MDs focus on serious conditions
- Reduces length of stay in ICUs
- Reduces work days lost to illness
- Reduces hospital admissions

Some Current Conventional Approaches Recently Approved

- Sovaldi for Hepatitis-C (recently approved) lists at \$84,000 for a 12-week course
- US grant of up to \$200 million over five years to GlaxoSmithKline to fund research into antibiotics for Superbugs

Further Study - InfectionsCured.com

- Full UBT story
- 32 reports of UBT cures
 - 9 with controls
 - 18 in the last 25 years