

## Far Infrared + HEAT + Terahertz + Unique technic = Dr. Kazuko's Onnetsu Therapy

Our current Dr. Kazuko's Onnetsuki has highest quality of ceramic (patented in Japan) which radiates Far Infrared wavelength of 8 to 10 precise microns in amazingly accurate way. Also working together with Terahertz frequency, it brings out the best and fastest effect using unique Dr. Kazuko's therapy technique.

Cancer dies with the heat temperature of 42c (107F). Dr. Kazuko's Onnetsuki gives the heat up to 70c.

Near infrared rays and microwaves (wavelength of microwave oven) can also reach deeper, but these ranges are harmful for the human body.

Dr. Kazuko's Onnetsuki reaches the depth of the human body (up to 30 cm) without harm. The mechanism that makes far-infrared healing vibration and heat is to penetrate effectively.

- 1) When the wavelength of Far Infrared hits the human body, its vibration starts activating in cellular level. Far Infrared vibrates deeper into the water molecules of cells in the body. This vibration is healing and detoxing mechanism. This goes throughout the body as it passes through the blood vessel. Terahertz vibration is a sort of carrier. It carries Far-infrared and Heat to deep inside of the body to the water molecules in an amazing speed.
- 2) There exist a number of Onnetsuki machines in Japan but nothing is as effective as Dr. Kazuko's Onnetsuki. This is because other Onnetsukis carry heat and some Far Infrared (Not precise, perhaps 5-25) to more or less only surface of the body. The Heat and Far Infrared vibration cannot reach the affected area deep inside human body. Therefore, other Onnetsu therapy is ineffective.
- 3) These three elements' combination reach into inside the body, in amazing speed and depth, helped by Terahertz vibration as transport. When combination of these Elements, The Heat and Far Infrared and Terahertz do reach deep inside of the body and find degenerated cells, then they quickly start healing process. Terahertz act as the vehicle for Heat and precise healing Far Infrared Ray.
- 4) Heat + Far Infrared Ray + Terahertz, together with very high technology, high technique of unique therapy developed by Dr. Kazuko: All these elements together result in excellent natural healing. There is, as of today, no other Onnetsuki, nor any medical equipment which uses this technology together. Terahertz range of the spectrum is similar to the precise wave of Dr. Kazuko's Far Infrared.

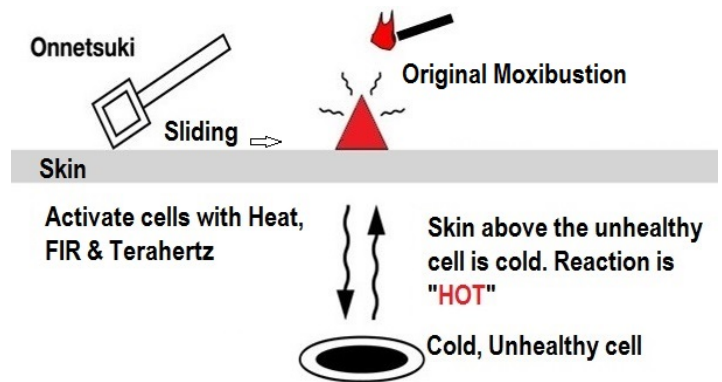
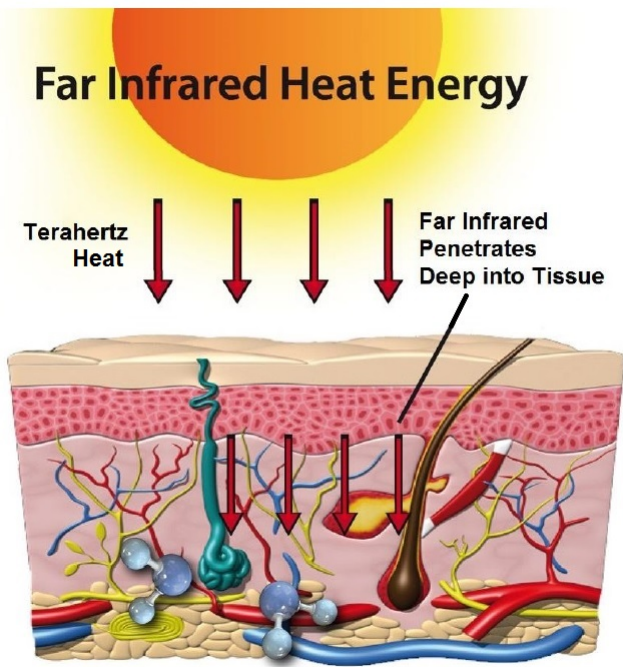
No one other than Dr. Kazuko Tatsumura Hillyer thought about this combination, because of the uniqueness of her Onnetsuki and her protocol from many years of studies and experiments which brought excellent recoveries to all diseases for many patients.

**Conclusion: Heat(70c) plus 8-10μ Far Infrared vibration: These two most important healing elements are carried by of Terahertz into deep inside body(app. 30 cm), by highly effective therapy method developed by Dr.Kazuko. No one ever thought about combining these elements and come up with such a method. Perhaps because of similarity of these vibrations, it is extremely compatible.**

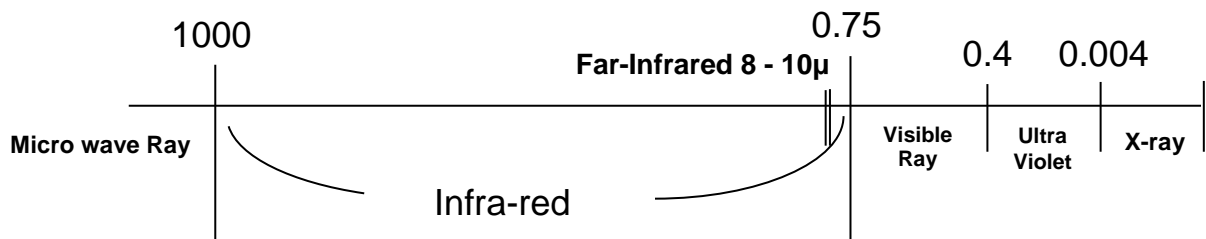
In Japan studies and applications of Terahertz are experimented in Medical and Scientific fields and its effectiveness has been much acknowledged in many researches and data in Japan.\*

# Dr.Kazuko's Unique Technology for Natural Healing ( Patent Pending )

## Far Infrared Heat Energy



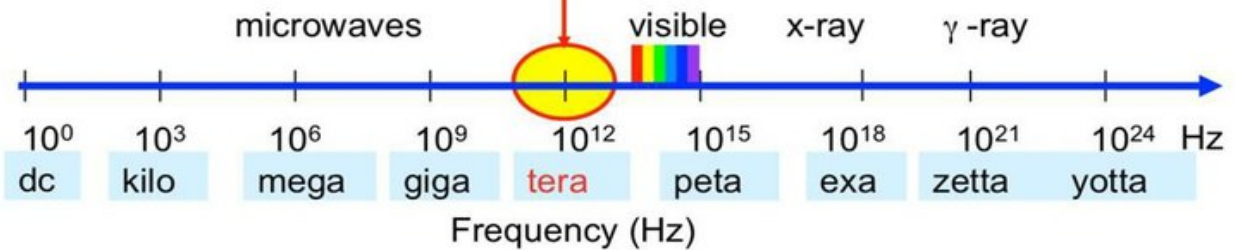
## Sun Ray (wave length in micron)



## TERAHERTZ (From Google)

Classical transport

THz Quantum transition



# Far Infrared + HEAT + Terahertz + Unique Technique = Dr. Kazuko's Onnetsu Therapy

Terahertz radiation occupies a middle ground between microwaves and infrared light waves known as the terahertz gap, where technology for its generation and manipulation is in its infancy. It represents the region in the electromagnetic spectrum where the frequency of electromagnetic radiation becomes too high to be measured digitally via electronic counters, so must be measured by proxy using the properties of wavelength and energy. Similarly, the generation and modulation of coherent electromagnetic signals in this frequency range ceases to be possible by the conventional electronic devices used to generate radio waves and microwaves, requiring the development of new devices and techniques. Photon energy in THz regime is less than band-gap of nonmetallic materials and thus THz beam can traverse through such materials. The transmitted THz beam is used for material characterization, layer inspection and developing transmission images.

A World Leading Research Programme Opening up the Terahertz Spectrum

UCL, Cambridge University and the University of Leeds are opening up the terahertz spectrum for widespread application through an EPSRC funded research programme

**The terahertz (THz) frequency region within the electromagnetic spectrum, covers a frequency range of about one hundred times that currently occupied by all radio, television, cellular radio, Wi-Fi, radar and other users and has proven and potential applications ranging from molecular spectroscopy through to communications, high resolution imaging (e.g. in the medical and pharmaceutical sectors) and security screening. Yet, the underpinning technology for the generation and detection of radiation in this spectral range remains severely limited, being based principally on Ti:sapphire (femtosecond) pulsed laser and photoconductive detector technology, the THz equivalent of the spark transmitter and coherer receiver for radio signals.** The THz frequency range therefore does not benefit from the coherent techniques routinely used at microwave/optical frequencies. Now an EPSRC Programme grant awarded to leading Terahertz researchers at UCL, Cambridge and Leeds universities and the London Centre for Nanotechnology will address this.

We have recently demonstrated optical communications technology-based techniques for the generation of high spectral purity continuous wave THz signals at UCL, together with state-of-the-art THz quantum cascade laser (QCL) technology at Cambridge/Leeds. We will bring together these internationally-leading researchers to create coherent systems across the entire THz spectrum. These will be exploited both for fundamental science (e.g. the study of nanostructured and mesoscopic electron systems) and for applications including short-range high-data-rate wireless communications, information processing, materials detection and high resolution imaging in three dimensions.

"This programme will enable us to address the THz spectrum with the same precision and sensitivity as is today possible at radio frequencies, leading to this underused part of the electromagnetic spectrum finally achieving its full scientific and commercial potential." Professor Alwyn Seeds, Principal Investigator for Programme and Head of UCL Electronic and Electrical Engineering

Our vision is to open up the THz spectrum for widespread scientific and commercial application, through the use of photonics-enabled coherent techniques. This will be achieved by bringing together optical communications technology-based techniques, for the generation of high spectral purity continuous wave (CW) THz frequency signals, with state-of-the-art THz quantum cascade laser (QCL) technology.

We will create new, compact, low (few Watts) power consumption semiconductor-based coherent device and systems technologies, able to span the entire THz spectrum of applications interest. The successful completion of this Programme will bring capabilities available at radio or optical frequencies to this traditionally difficult part of the

electromagnetic spectrum. However, our vision goes much further. The availability of THz radiation, albeit in the form of various expensive accelerator and pulsed higher frequency laser sources, has already spurred a large and growing awareness of what is possible using THz probes for cutting edge fundamental science. Building on this momentum, we will study how the new technology will advance the state-of-the-art in measuring and controlling magnetic and vibrational states in systems of biomedical, chemical and physical interest. As this Programme goes well beyond what could be achieved by the current technology, it will lead to significant impact including advances in scientific capability through the availability of compact, precise and highly sensitive THz spectroscopy tools.

The THz frequency region is the last unexploited part of the electromagnetic spectrum. Now we hope to change that. Our ambition for this Programme is that it will lead to this historically underused part of the electromagnetic spectrum finally achieving its full scientific and commercial potential. We will work with many commercial partners to achieve this.

# Far Infrared Heat Energy

Terahertz Heat

Far Infrared Penetrates Deep into Tissue

