



**FAR  
INFRARED  
CLOTHING**



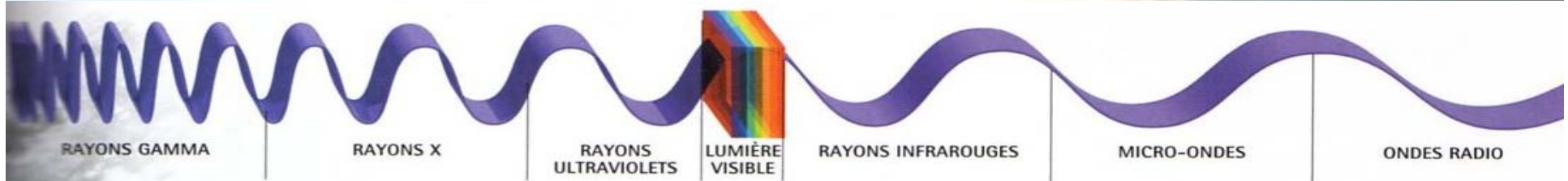
**① INFRARED & FAR INFRARED RADIATION (FIR)**

**① BENEFITS OF FAR INFRARED RADIATION (FIR)**

**① FAR INFRARED CLOTHING**

**① BENEFITS OF FAR INFRARED CLOTHING**

# Electromagnetic Spectrum



Gamma-rays

X-rays

Ultra violet

Visible Light

Infrared  
below or infra  
to red light as  
next lowest  
energy band

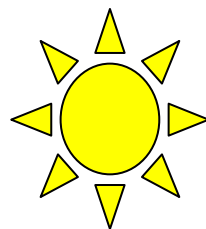
Microwave

Radio waves

Shortest Wavelength  
Highest Energy

Longest Wavelength  
Lowest Energy

10% 40% 50%



# Infrared Radiation (IR)

- Wavelength longer than that of Visible (Red) Light
- Emitted by any object that has a temperature (i.e radiates heat)
- Gentle, radiant heat felt
- Invisible to the human eye

## Far Infrared



## Near Infrared & Mid Infrared

0.75-1.5 microns



1.5-5.6 microns

wavelength

5.6-1,000 microns

- Mostly absorbed at skin level (raise skin temperature)
- No deep penetration
- Interior heated through induction from surface

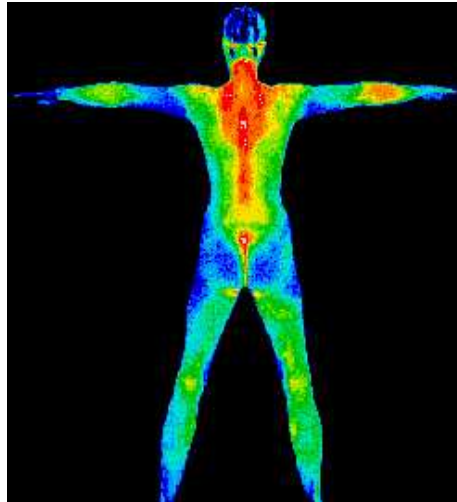
- Often referred to as "Light of Life" (vital for body development)
- Similar vibration frequency to that of water molecules (water = 65% human body; 79% blood), causing resonant absorption - up to 4cm below skin
- Causes an internal warmth

# Far Infrared Radiation (FIR)

"Everything in the universe emits and absorbs certain energy waves"



"FIR does not only originate from the sun. Human & animal bodies, soils and minerals can also produce FIR"



"Extensive biological research has proven that FIR wavelengths of 4-16 microns are most beneficial to the human body"

"FIR ionizes and activates water molecules in our cells and blood, causing many beneficial effects"

"Humans, at normal body temperature, radiate most strongly in the infrared at a wavelength of about 10 microns"



"The body easily absorbs FIR, as molecules of water have a very similar vibrational frequency"

**FIR absorbed by human body**

**Resonance (vibration) of water molecules**

**Thermal reaction  
(molecules velocity increased)**

**(core) Body temperature  
regulated / increased**

**Expansion of capillaries &  
Improved blood circulation**

**Increased Metabolic Rate  
(better removal of accumulated  
waste & toxins)**

**Water molecules broken down  
into micro-molecules**

**Toxins freed**

**Better Body Resistance /  
Immune system (better oxygen  
& nutrients supply)**

# Reported Health Benefits of FIR

- Regulates body heat
- Activates micro-circulation & blood flow
- Activates body cells
- Flushes toxins / impurities
- Improves the immune system / body resistance
- Relieves pain (muscular, arthritic, etc.)
- Decreases inflammation from soft tissue injuries (enhances lymph flow & oedema resorption)
- Heals skin disorders

## ASIA:

Common Use

Approved by  
Health Ministry

Recommended as  
medical treatment

Benefits studied  
over past decade



Many healthcare professionals use FIR to treat a variety of diseases.



Newborn babies and hypothermia patients are exposed to FIR.



# Far Infrared Clothing

Bio-ceramics embedded in fabric

Absorb various types of heat  
(body, room, sun)

Heat at normal  
body temperature

Radiate FIR back to body

in 4~16 microns  
wavelength: ideal for  
body absorption

Deep & gentle warming

Body Metabolism Boosted  
Increased Health Benefits



# Why use FIR clothing?

Harmful UV rays reach the earth due to ozone layer depletion

Insufficient exposure to sunlight - a lot of time indoors

High level of toxins due to unhealthy living (stress, unhealthy food, pollution)

**YOU HAVE MORE TO GAIN THAN TO LOSE!**



# **A few words of advice....**

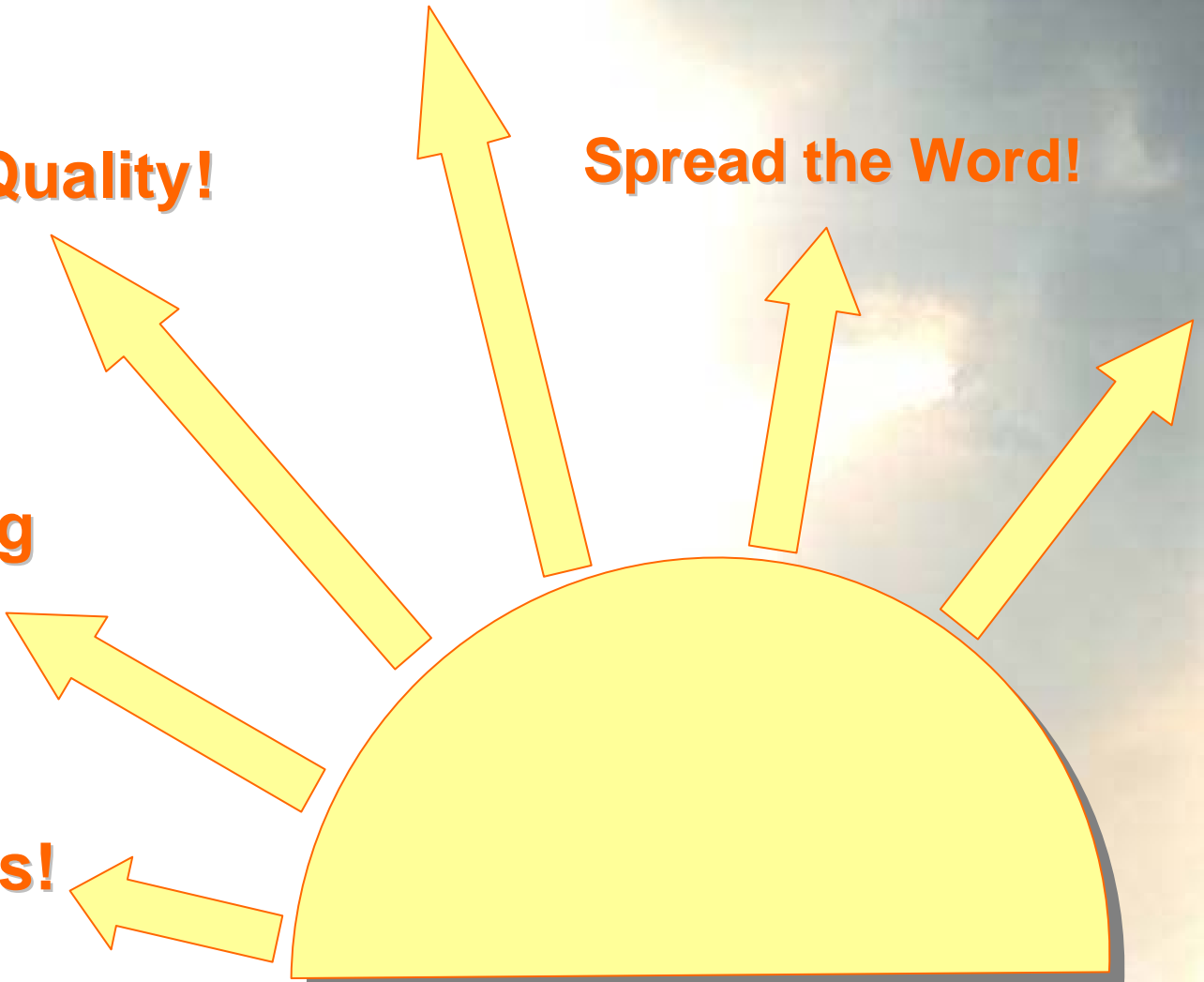
**Get Advice from Current Users!**


**Be Careful about Quality!**

**Spread the Word!**

**Don't Buy Anything  
over the Internet!**

**Investigate Benefits!**





**Please note that these products should not be treated as "health products" as such, but as products that have a beneficial effect on health & wellbeing. They should not replace any medical treatment.**

**Interested in trying FIR clothes?**