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## Detection, treatment and prevention of COVID-19- a practical proposal

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<b>Abstract:</b>	<p>Abstract</p> <p>CORVID-19 was declared by World Health Organization on March 11, 2020 to be a pandemic. Detection, treatment and prevention of COVID-19 become a matter of urgency. There are currently two methods of detection, treatment, and prevention: one method is from the Western Medicine, and the second method is from Traditional Chinese Medicine. We propose a third method that comes from the synthesis of quantum theory and Chinese medicine in the last twenty four years, which we call Quantum Chinese Medicine. This proposal consists of detection by the infrared imaging system that can record the temperature of inflammation of the acupoint LU2 of lung meridian, which is caused by COVID-19. The treatment and prevention of COVID-19 are by drinking Xenwater™, which is a water solution that contain Solid Water Particles. The time dependence of the reduction of inflammation of the LU2 can be recorded. The advantages of this proposal are: immediate availability, low cost, massive scale production that can satisfy the requirement of millions of people. There is no side effect. The success or failure of this proposal can be measured in days.</p>
<b>Suggested Reviewers:</b>	

# Detection, treatment and prevention of COVID-19- a practical proposal

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## 1. Introduction- current status

The current COVID-19 pandemic is spreading fast. It touches almost everyone in the civilized world. There are many attempts in detection, prevention, and treatment of COVID-19 virus. Some attempt claimed great success. Others failed miserably. Here we use the source<sup>1,2</sup> of World Health Organization and US Centers for Disease Control and control<sup>3</sup> as a summary of current status.

### 1.1 Current status on detection:

According to World Health Organization:

The most common symptoms of COVID-19 are fever, tiredness, and dry cough. Some patients may have aches and pains, nasal congestion, runny nose, sore throat or diarrhea. These symptoms are usually mild and begin gradually. Some people become infected but don't develop any symptoms and don't feel unwell. Most people (about 80%) recover from the disease without any special treatment. About 1 out of 6 people who get COVID-19 will become seriously ill and develop difficulty breathing. Older people, and those with underlying medical problems like high blood pressure, heart problems or diabetes, are more likely to develop serious illness. People with fever, cough and difficulty breathing should seek medical attention.

For the detection of COVID-19 virus, US Centers for Disease Control and Prevention recommends reverse transcription polymerase chain reaction (RT-PCR). The presence of COVID-19 virus is generally confirmed by RT-PCR, which detects a small part of the RNA of the virus.

### 1.2 Current status of treatment:

According to World Health Organization, there is no evidence that current medicine can prevent or cure the COVID-19. WHO does not recommend self-medication with any medicines, including anti-biotics, as a prevention or cure for COVID-19. However, there are several ongoing clinical trials that include both western drugs and herbs from traditional medicines. WHO will continue to provide updated information as soon as clinical findings are available.

### 1.3 Current status of prevention of COVID-19

According to WHO there is no vaccine and no specific antiviral medicine to prevent or treat COVID-19. Possible vaccines and some specific drug treatments are under investigation. They are being tested through clinical trials. WHO is coordinating efforts to develop vaccines and medicine to prevent and treat COVID-19.

Since there is no consensus on the detection, treatment, and prevention of COVID-19 virus, we propose here a new practical way of detection, prevention, and

treatment of COVID-19 virus . COVID-19 virus disease is a respiratory disease. According to Chinese Medicine, respiratory disease will express itself as an inflammation of lung meridian. So COVID-19 will express itself as one kind of inflammation of the lung meridian. Inflammation of the lung meridian cover all other kinds of respiratory diseases. The respiratory diseases include influenza, ordinary cold, coughing, breathing difficulties, smoking, and many others as well as COVID-19. In the next section we present method and evidence of detection, and treatment of inflammation of lung meridian, which came from many kinds of respiratory diseases. It is expected from the meridian theory of Chinese medicine that COVID-19 can be detected, treated, and prevented as one kind of respiratory disease similar to the one described below.

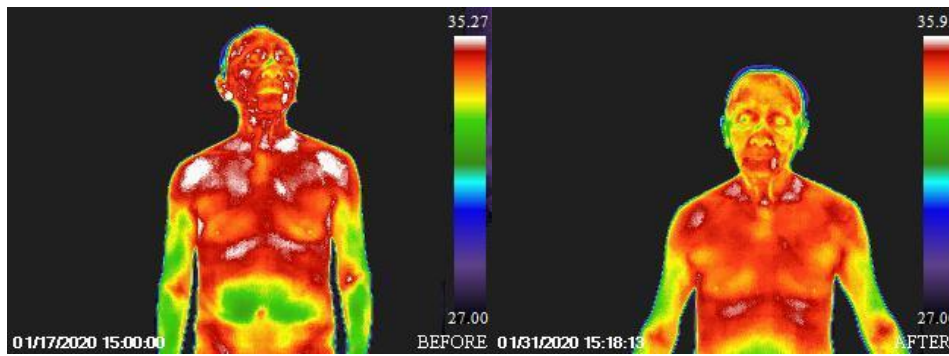
## **2.Method of detection and treatment of inflammation of lung meridian**

In the past twenty four years we have developed a modern rigorous, quantitative explanation of Chinese Medicine via quantum theory <sup>4-19</sup> , which we now called Quantum Chinese Medicine. There are two high tech products coming out of this development of Quantum Chinese medicine. The first high tech product is a High resolution body surface temperature infrared imaging system that can measure the temperature of meridians and their acupoints to an accuracy of 0.07<sup>0</sup> C. The second product is solid water particles, which are made up of water molecules that have their electric dipoles aligned. These solid water particles are hypothesized to be constituents of meridians in Chinese medicine.

Let us give one example to illustrate the method of detection of inflammation by infrared imaging system and the method of treatment by solid water particles (SWP). The client came to see us on 01/16/2020 for a serious back pain. When we took infrared image we found that he had inflammation on the left and right acupoints LU2 of the lung meridian, which were shown in Fig 1a below.

The color codes used for temperature in the infrared pictures are: white is the hottest, then on descending scale: red, yellow, green, blue and black being the coldest color.

The green color is chosen to represent the normal skin temperature. The hottest temperature of the white area is about 3<sup>0</sup>C hotter than the normal healthy body surface temperature, which is shown in green color. Then he was given daily one bottle (60 ml) of water, the commercial name is Xenwater<sup>TM</sup> that contains more than 3 million solid water particles. After two weeks, another infrared picture was taken, which was shown as Fig 1b. By comparing the infrared picture Fig 1a before and the infrared picture Fig 1a and Fig 1b after drinking Xenwater, there was a reduction of inflammation of the acupoint LU2 of the lung meridian. This was the quantitative evidence that treatment of inflammation of lung meridian by Xenwater was successful.



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Fig 1a 1/17/2020

Fig 1b two weeks later 1/31/2020

The following remarks are in order:

1. In Chinese Medicine, there is a cardinal rule: "A patient has pain (or he becomes sick) when his meridian is blocked. When the meridian is unblocked, his pain goes away (or he gets well)". The treatment in acupuncture is to find acupoints for needles to insert into to unblock the meridian. This rule has guided the treatment of acupuncture for millions of people from the past to the present. They are recently documented in two books. One book listed acupuncture can treat 191 diseases<sup>21</sup>, including influenza. Another book<sup>22</sup> listed the clinical evidence with hundreds of cases for each of the 154 diseases that include influenza. Research works are continuously being published daily.
2. Meridians are hypothesized to be made up of Solid water particles. When a client drinks solution that contain solid water particles, his blocked meridians will be repaired. He will get well. The solid water particles will repair all the fourteen meridians, including the lung meridian. So a client with inflammation of lung meridian drinks solution with solid water particles, the inflammation of the lung meridian will be reduced, and he gets well. The mechanism of getting well is the same as that of acupuncture.
3. When the 81 year old male client drank one bottle of Xenwater™ (60 ml), the 3 millions solid water particles (SWP) in the Xenwater repaired all the blocked meridians, including the lung meridian. After the meridians were unblocked, qi (energy) and blood would flow to cells of the respiratory system. When cells got sufficient nutrients from the blood, they recovered and became normal. After two weeks of drinking Xenwater™, the inflammation of the lung meridian, and acupoint LU2 would gradually be reduced, the white area of the left acupoint LU2 disappeared, and became the colder red color. The large white area of the right side remained white but its area was reduced by more than 80%.
4. To give you a numerical feeling of inflammation, let us use your internal body temperature as measured by an oral thermometer as an example. When your oral temperature is 37° C, your health is normal. When your oral temperature becomes 40° C, which is 3° C higher than normal temperature, your health problem is quite serious, and needs immediate medical treatment. So when infrared pictures are taken on the body surface temperature, and some of the acupoints, and meridians are in white color,

the inflammation is quite serious . Medical treatment is required for those internal organs that were connected by the meridian.

5. When we saw his lung acupoint LU2 of the lung meridian was inflamed and was in white color, we asked what kind of respiratory disease he had. He said that he was using breathing machine ( positive airway pressure device) at night because he had breathing problem ( sleep apnea) at night. Sleep apnea occurred when the muscle in the back of the throat failed to keep the airway open some of the times, despite efforts to breathe. So sleep apnea was a respiratory sickness. The inflammation of the LU2 of the lung meridian was a direct consequence of this respiratory sickness. The inflammation of the lung meridian generally was shown as two white area of inflammation around two acupoint LU2. The infrared light from the inflammation of the lung cannot transmitted directly above the lung as white area on the chest because the skin and muscle above the lung are too thick to allow infrared light to pass through. It has been found out experimentally the transmission of infrared light along the meridian is 150 times more than the transmission of infrared vertical to the meridian<sup>20</sup>. So the heat of the inflammation of the lung would transmit along the lung meridian to the acupoint LU2 of the lung meridian where the infrared light could come out and be shown as in white.
6. Solid water particles repaired lung meridian as well as all other fourteen meridians. So inflammation at other internal organs will also be reduced. Visually one could see in the white color at the infrared images at the left will disappear into red color, or the area of the white area is reduced. Eventually most inflammation in white color will be gone. The whole body of the client will become healthy again.
7. His acupoint point BL1 at the eyes had inflammation. He had eyes problem. He told us that the cataract of his eyes became more and more serious. After drinking one bottle of Xenwater™ daily for two weeks, the inflammation of the eyes reduced from white color to red color. His cataract became less serious.
8. The inflammation of his acupoint ST 12, which correlates with the thyroid problem was also reduced. After drinking one bottle of Xenwater™ daily for two weeks, the large white area of ST12 at the right reduced in its white area. The high temperature of the left white dot of ST12 at the left side was reduced to become red color.
9. The inflammation of his two acupoint ST 4 , which was shown as two white dots at the corner of his mouth in white color was reduced into one smaller white dot and one red color after drinking one bottle of Xenwater™ daily for two weeks..
10. The inflammation of his acupoints LI20, shown as two white dots at two sides of the bottom of the nose, was reduced into low temperature red color after drinking one bottle of Xenwater™ daily for two weeks .

### **3 Experiential evidence for Reduction of inflammation of lung meridian from drinking Xenwater™ – twenty cases**

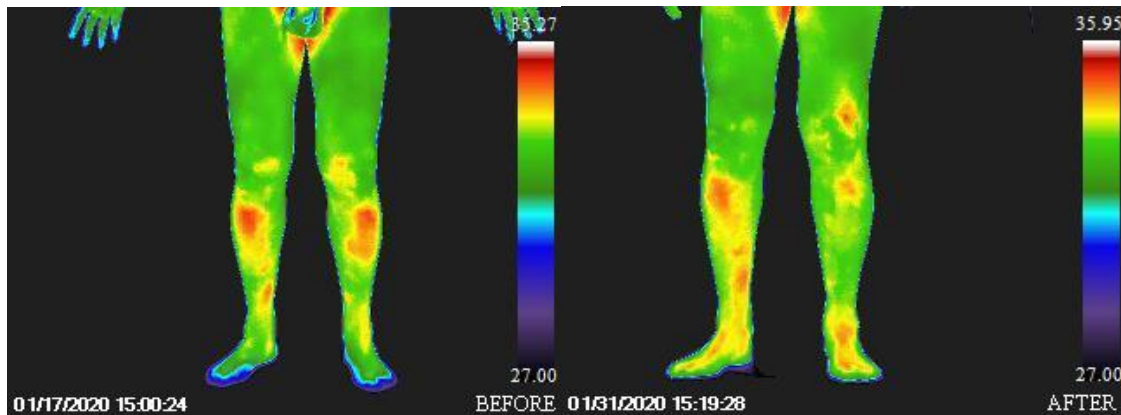
From January 2018 to February 2020 we have accumulated 2388 clinical cases of the reduction inflammation of fourteen meridians from drinking Xenwater™. The fourteen meridians are:

Heart meridian HT, Pericardian meridian PC, liver meridian LV, Spleen meridian SP, Lung meridian LU, Kidney meridian KI, Stomach meridian ST, Gallbladder meridian GB, Small Intestine meridian SI, Large intestine meridian LI, Bladder meridian BL, Triple Heater meridian SJ, Ren Mai RN, and DU Mai DU. There are 109 cases of reduction of inflammation of lung meridian from drinking Xenwater™.

From the 109 cases of reduction of inflammation of lung meridian by drinking Xenwater™, we have chosen twenty cases where the reduction of inflammation was more pronounced. For each case, we listed in Table 1 the age, the gender, and the time of their two visits to our institute. The separation of two visits was from two weeks to four weeks. Infrared images were taken at each visit. On the first visit, the lung meridian was inflamed and was shown in white color, which was about 3°C hotter than the normal body surface temperature. Then on the second visit the inflammation was reduced. The reduction of inflammation was measured by two numbers: the reduction of the highest temperature on the lung acupoint LU2, and the reduction of white area around acupoint LU2. These numbers are listed on Table 1.

Each infrared image shown in Fig 1 to Fig 20 for case 1 to case 20 had at least ten thousand pixels, and each pixel had a numerical temperature with an accuracy of 0.07°C. In order to comprehend the more than ten thousand numerical measurement of temperature, the color is used to represent them. The hottest temperature of the inflammation was shown in white, and the normal skin temperature was shown in green.

Since the two visits were separated by two to four weeks, normal human body surface might fluctuate. We chose one part of the body surface which was healthy and stayed healthy between these two visits, to be green. Then we adjusted the green color of that part of healthy normal body surface to remain in the same green color with slightly different numerical values. For example in case 1, we cannot find one part of upper body that was normal and remained unchanged in temperature during these two visits. We chose that part of the legs, which remained green during these two visits, as shown in Fig 1c. The numerical temperature of the green color of the legs were 32.80°C. The exact temperature is quoted in boxes at Fig 1c and Fig 1d. This demonstrated the accuracy of the color representation of these infrared images. In some sense, the temperature of that part of the legs between two visits served as control that our change of color of the inflammation represented a genuine reduction of inflammation in other parts of body. In other words, drinking solid water particles had a healing effect on the respiratory disease of the client.



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Fig 1c 1/17/2020 legs for control

Fig 1d two weeks later legs for control

The results of these figures are summarized in Table 1. In Table 1 the first, second, and third column are listed the case number, the gender, and the age of the client. The fourth and fifth column are listed the highest temperature and the area of white area of the first visit. The sixth and seventh column are listed the highest temperature and area of the white area of the second visit. The eighth and the ninth column are listed the decreasing of the highest temperature and area from first visit to the second visit. The tenth column are listed in change in color. They are either from white to red, white to white, white to yellow, or white to green. The eleventh column are the left or right LU2. The last column listed the cause of the inflammation, which was obtained from discussion with the patient. The causes were mostly from environment: smog from the air, dust from carpet, dust from sewing clothes, smoke from cooking in restaurant, and toxin from massage.

There was one case where the inflammation of her lung meridian might be from lung cancer genes of her family. There was another case where he had asthma.

It was clear that the evidence from these 20 cases supported the assertion of Chinese Medicine that

“inflammation of lung meridian is caused by respiratory diseases”

and

“Xenwater™ can reduce the inflammation of lung meridian”.

Or in other words, Xenwater™ can treat any respiratory disease, including CORVID-19.

In Figure 21 we summarize the number of cases as a function of the % decrease of white area at acupoint LU2. It is clear from the Figure that more cases have smaller % decrease of white area, and less cases have larger % change of white area.

#### 4 Comparison of three different systems in detection, treatment and prevention

Let us compare three different systems on their abilities in detection, treatment and prevention of COVID-19. The three different systems are: western medicine, traditional Chinese medicine (TCM), and quantum Chinese Medicine.

#### 4.1 Comparison of detection method of COVID-19 virus

The detection of COVID-19 virus is quite standard now. Most laboratories use a molecular method called reverse transcription polymerase chain reaction or RT-PCR in short to detect virus in respiratory infections. Samples are obtained by various methods, including a nasopharyngeal spum sample, or from throat swaps. The scientific principle is precise and accurate. The only weakness of this detection method is that these samples can only obtained from the throat or at most spum coughed up from the lower airways. They cannot be obtained from the lung, where virus mostly resides. When the test is negative, it does not mean there is no COVID-19 virus in the lung. The person with his lung infested with COVID-19 virus his lung infested can still go around to infect other people. So the current solution is to separate the people who may be infected for fourteen days. If there he has no COVI-19 virus, he will not develop fever. Then he is discharged. If he has COVID-19 virus, he will develop fever and should be treated.

The detection method of quantum Chinese medicine utilizes the meridian system in the Chinese medicine, which has been used by millions of people for thousands of years. The meridian system has very solid clinical foundation. When the lung is inflamed, the infrared from inflammation is transmitted by the lung meridian, which act like an optical fiber, to the lung meridian on the upper most chest, where the lung acupoint LU2 is inflamed. When we use infrared images device to detect the heat on the body surface, we see white color in the acupoints LU2. When Covid-19 virus causes only inflammation in the lung, and not another places in respiratory system, it still can be detected as inflammation of LU2. He should be treated. Since the detection by infrared is electronic, it can be done in seconds, and is easily understood. The infrared pictures as shown on the screen of a computer or a mobile phone almost cost nothing. If the person has no inflammation at LU2, then he has no COVID-19 virus. There is no need for fourteen day separation. He can be discharged immediately.

Let us use a cruise ship that has one thousand people as an example. Everyone should have their clothes stripped to expose the upper shoulder where lung meridian situates, then walks past the infrared camera, and stops for two seconds to allow infrared picture taken. If there is no white dots on the acupoint LU2, he is discharged. We can scan 30 persons in one minute, and 1800 people in one hour. So easily in one morning we can scan all the people in the cruise. Most of them will be discharged. If there are ten people (1%) who have white dots at their LU2 acupoint, they will be detained and tested with RT-PCR to see if they have COVID-19 virus. If they have, then they should be treated. The rest 990 people do not need to stay on the cruise and risk the danger of being infected.

Another example could be: there is a factory with 1000 workers, which is situated in a CORVID-19 infested district. Current practice suggests that the factory must stop, and all workers go home and stay separated for a long time until there is no CORVID-19 patients in the district. With the detection method of quantum Chinese Medicine, as described above, we can scan the 1000 workers in one morning, and most of them are allowed to go into the factory to work. Say, only 10 workers (1%) have inflammation at acupoint LU2, and should be separate for treatment.

When a factory is clear to work, other units in the district could do the same. So unit after unit in a district can resume working. The workers get paid. Products are produced.



When most of the workers in all district in a city get infrared scan of their LU2 acupoints, and free of inflammation, they can resume working. The economic activity of the city can resume.

#### 4.2 comparison of different methods of treatments

In the Western medicine, there is not yet reliable drugs that can treat COVID-19. There are at least two drugs : Remdesivir and chloroquine<sup>23</sup> that are under clinical tests. However, side-effects of drugs still need to be evaluated.

In traditional Chinese medicine (TCM), there are two thousand years tradition, and hundreds of epidemic to try out different recipe. Only the effective recipes survived. There are six popular Chinese medicine to treat COVID-19 : namely Jinhua Qinggan Granules, Lianhua Qingwen Granules , Xuebijing Injection, Qingfei Paidu Decoction, Huashi Baidu Decoction, and Xuanfei Baidu Decoction <sup>24,25</sup>

They have been approved as effective to treat COVID-19 virus. Some are reported to have 90% success rate. The cost of these herbal treatments in Traditional Chinese Medicine are also low . However herbs take time to grow. The time is counted in months. It is really hard if not impossible, to grow enough these herbal medicine to treat millions of people.

In Quantum Chinese medicine, there is only one product Xenwater™: a solution that contains solid water particles(SWP). One bottle 60ml Xendrink contains at least 3 million solid water particles. For mild case the dosage is one to two bottle a day. For serious case the dosage is 3 to 5 bottles a day. The more serious the case is the more bottles he has to take daily. In 15 minutes after taking first bottle, one will observe temperature change of the acupoint LU2 of lung meridian. This is the first indication that solid water particles are repairing the meridian. Xendrink should be taken continuously until the inflammation of lung meridian is reduced from white color to more normal temperature of yellow and green color. The temperature of Infrared pictures are used as a quantitative measure of the progress of recovery from COVID-19.

#### 4.3 Comparison of different methods of prevention

Currently in western medicine the method of prevention is to develop vaccine. There is hope that vaccine for COVID-19 will be found soon. However there are several problems even after it is found:

- a) The COVID-19 virus is found to mutate into five strains <sup>26</sup> already in these few months. After a certain vaccine is discovered and found to work for one particular strain, it is possible that it will not to work for a new strain.
- b) The effectiveness of the vaccine might not be big enough. In US, the vaccine for its 2019 annual influenza is only effective to 60% of its population. US develops different vaccine each year for influenza. US should have experience to develop vaccine for influenza, and its effectiveness is still only about 60%. For a highly contagious, and highly deadly COVID-19 virus, a 60% effective vaccine may not be enough.
- c) There are always side effect of a vaccine. It will probably take many years to find out the side effect.

In Traditional Chinese Medicine (TCM), there are many brews that can prevent influenza. Many TCM clinics develop their own brews to prevent their staff to get influenza. Similar brews could be invented to prevent the infection of CORVID-19. However, there is no quantitative clinical test yet.

In Quantum Chinese Medicine, infrared pictures are taken of acupoint LU2 of lung meridian. If the temperature of LU2 is normal, which means yellow and green color. There is no need to do anything. He could take 8 ml of Xenwater™ daily to maintain the healthy status of the lung meridian. As long as there is no inflammation of lung meridian, there is no CORVID-19. If the acupoint LU2 of lung meridian is red or white color, his respiratory system is not in top healthy normal condition, it is easier for him to be infected with CORVID-19. He is suggested to take ½ bottle a day. In any case he is advised get a new infrared picture taken of his lung meridian acupoint LU2 every month to make sure the temperature of LU2 is not 3<sup>0</sup> C higher than normal body skin temperature, or to become white. As long as his LU2 remain in yellow or green he is not infected with the CORVID-19.

The cost is relatively low for a small amount of Xenwater™, and the cost of infrared picture is almost nothing. There is also no side effect, because solid water clusters are made up of water molecules that are electrically aligned. There is no other chemicals.

## 5 Conclusion

The experimental evidence presented above supports the method of quantum Chinese Medicine to detect, treat, and prevent respiratory diseases. Since CORID-19 is a respiratory disease, it can be detected, treated and prevented by the same method of quantum Chinese Medicine.

Therefore we propose that Xenwater™ to be used for treatment of patients with CORVID-19. After 15 minutes we should see change of temperature of lung acupoint LU2 of patients from their infrared pictures. Then patients may choose to proceed further or not. There is no side effect.

At the moment Xenwater™ is a drink that can be produced in production lines all over the world to treat millions of people at a low cost in next few months at a cost that most government can afford.

Then more bottles of Xenwater™ can be produced later for billions of people in the world to prevent them to be infected by CORVID-19 virus.

Conflict of interest: The author invented the product Xenwater™

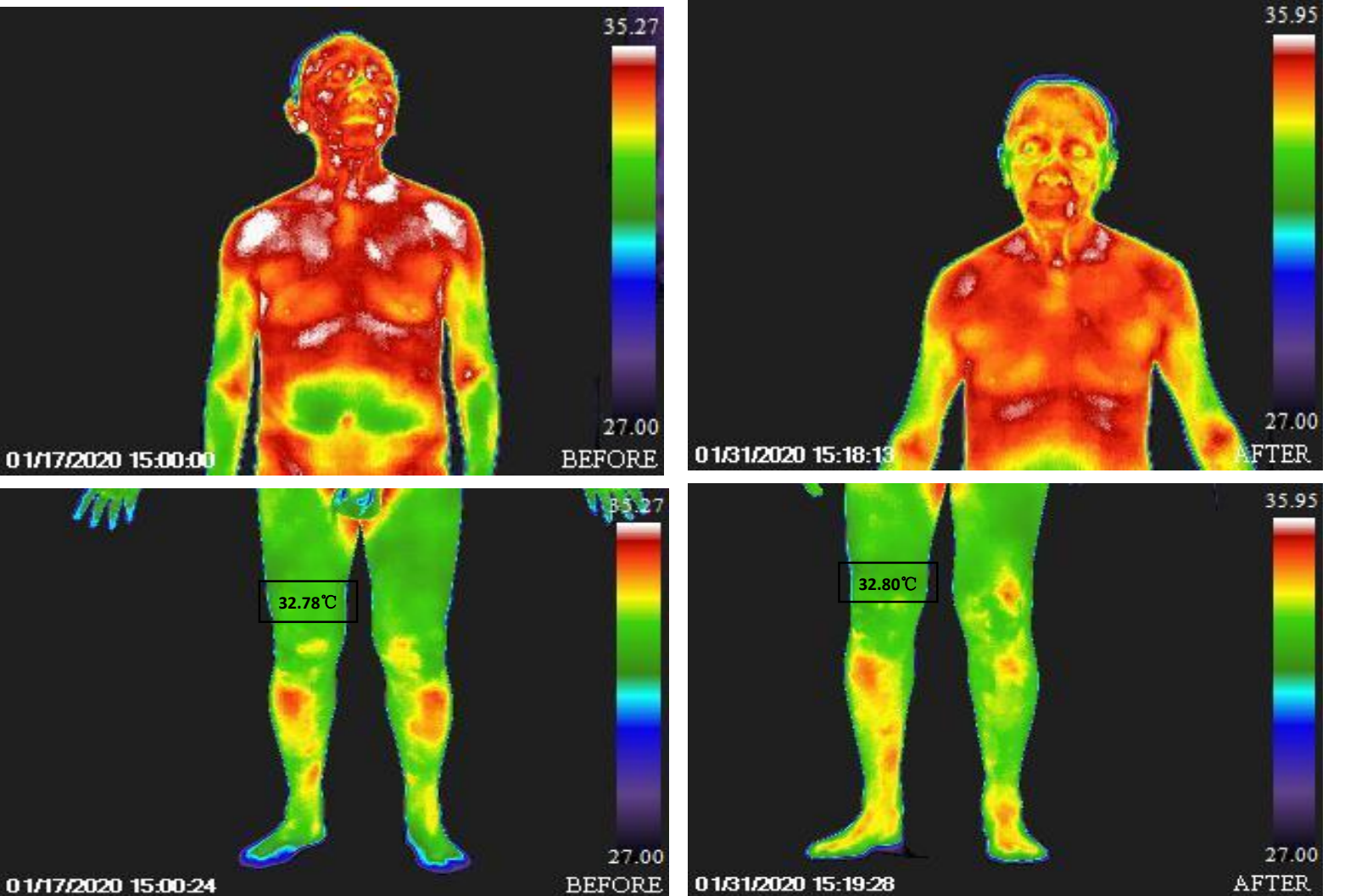


Fig 1 male, 83 years old. a) top left: upper body on 01/17/2020 b) top right, upper body , two weeks later on 01/31/2020 c) bottom left: legs on 01/17/2020 d) bottom right legs two weeks later

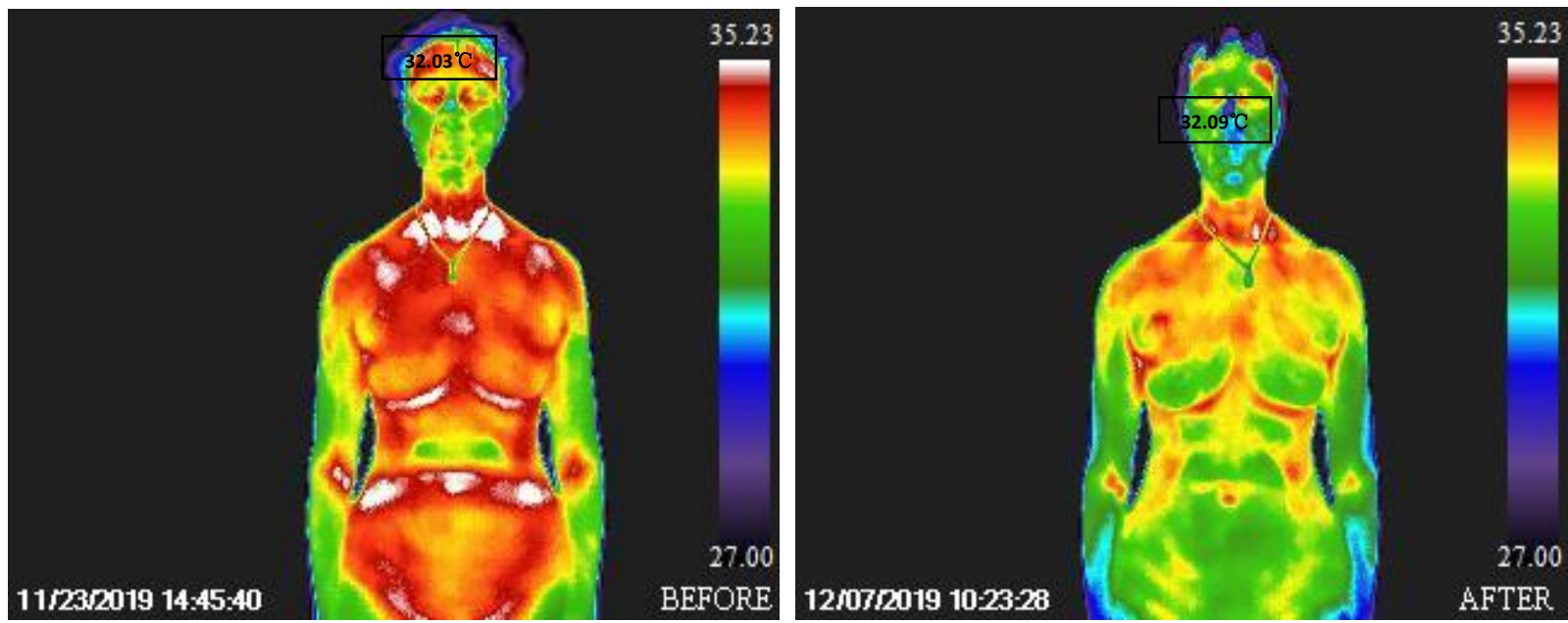


Fig 2 female, 76

Fig 2a Left: First visit on 11/23/2019

Fig 2b right, second visit two weeks later

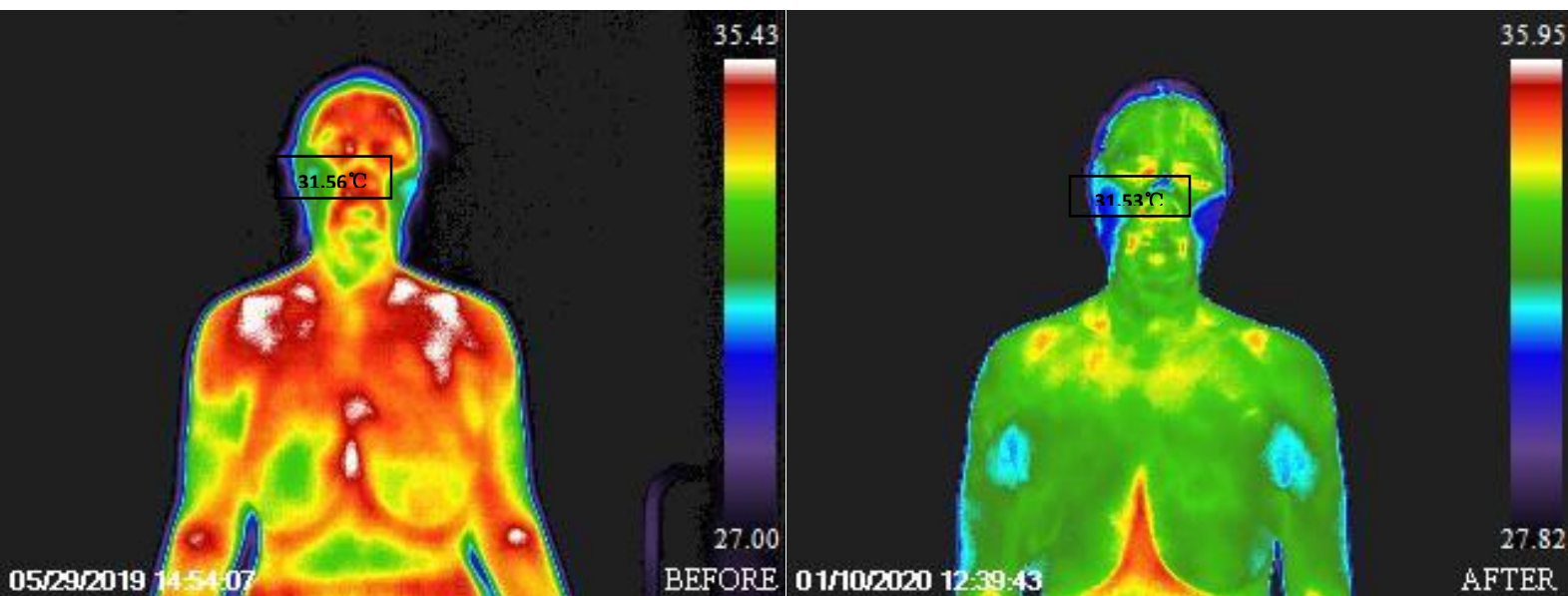


Fig 3, female, 69

Fig 3a left: 1<sup>st</sup> visit 5/29/2019

Fig 3b: 2<sup>nd</sup> visit 7 months later

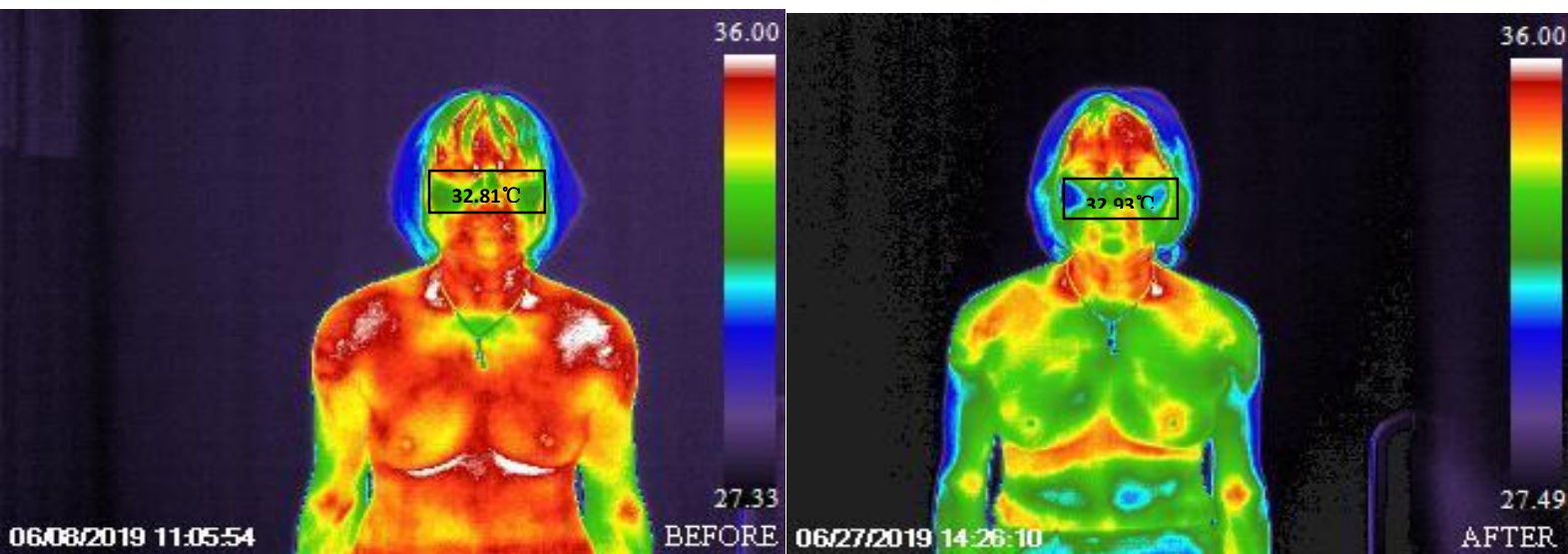


Fig 4 female, 63

Fig 4a left: 1<sup>st</sup> visit 6/08/2019

Fig 4b: 2<sup>nd</sup> visit, two weeks later 6/27/2019



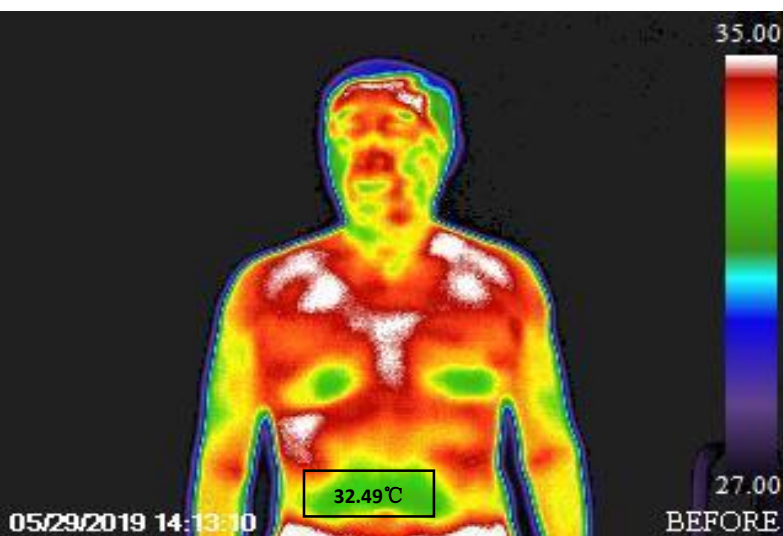


Fig 5 male, 73

Fig 5a: 1<sup>st</sup> visit, 5/29/2019

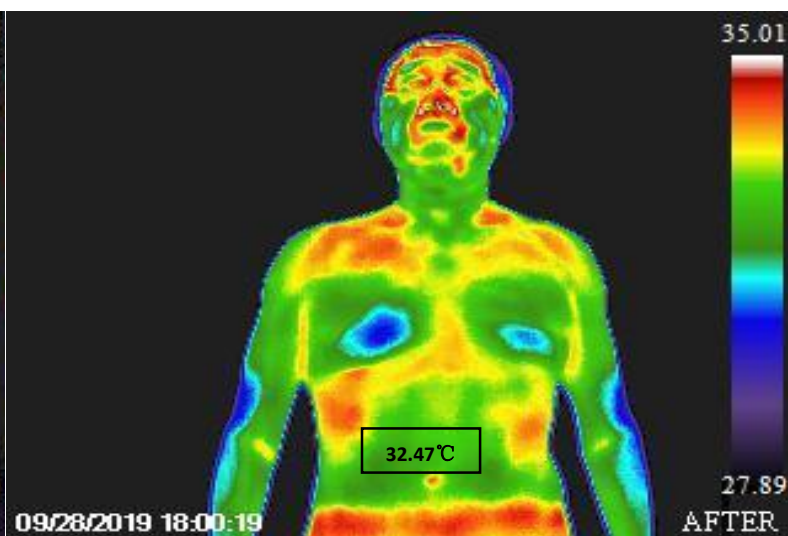


Fig 5b: 2<sup>nd</sup> visit, four months later 09/28/2019

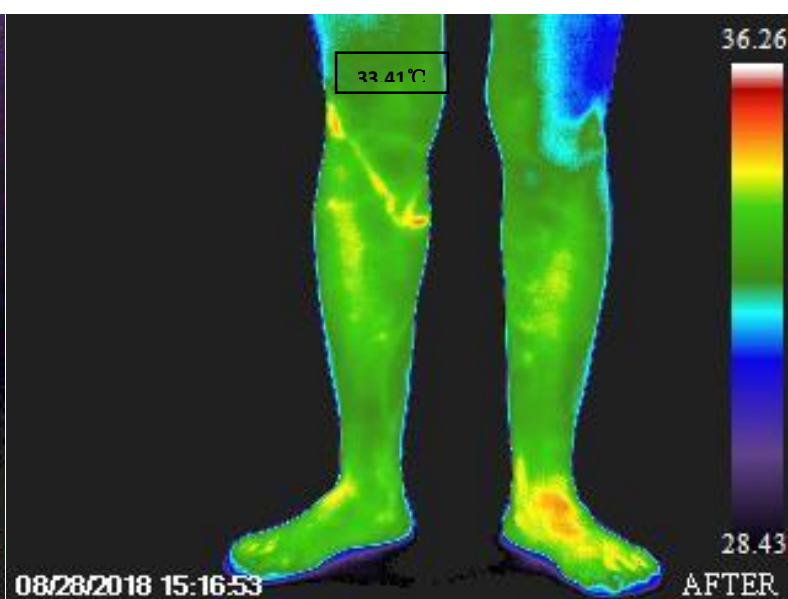
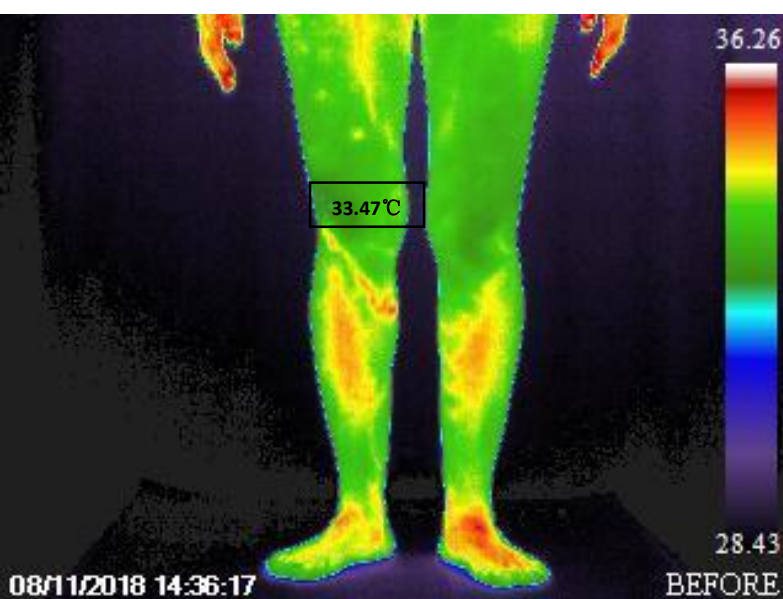


Fig 6 female, 60,

Fig 6a) Upper left: 1<sup>st</sup> visit 8/11/2018

6c) lower left: 1<sup>st</sup> visit 8/11/2018 , legs for control

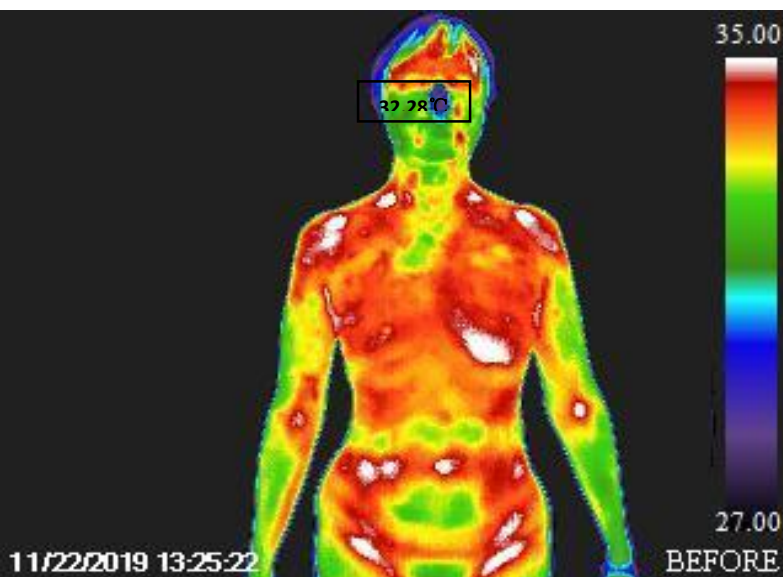


Fig 6c) upper right, one week later 08/28/2018

6d) lower right, one week later 08/28/2018 legs for control

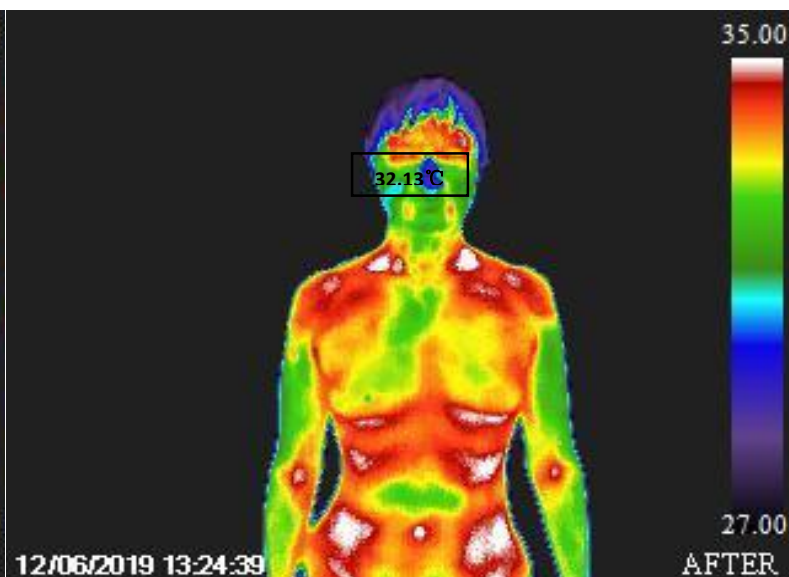


Fig 7 female, 75

Fig 7a) left, 1<sup>st</sup> visit, 11/22/2019

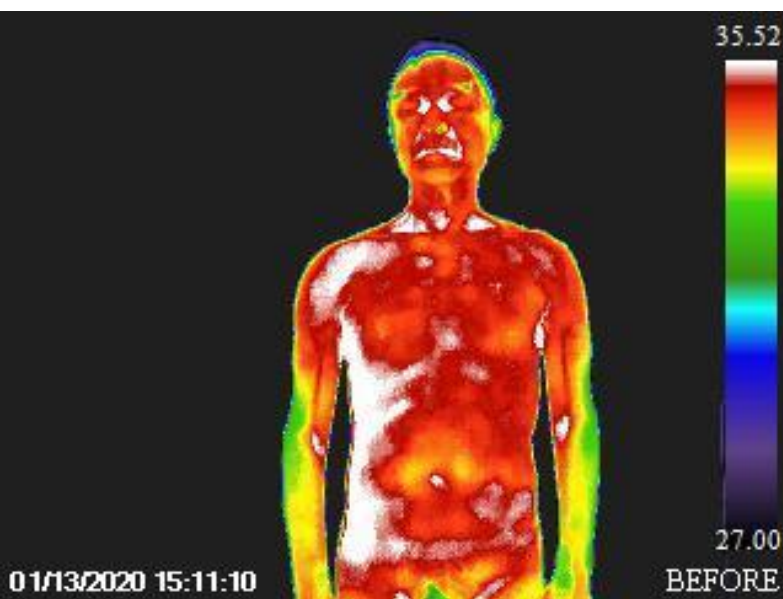


Fig 7b) 2<sup>nd</sup> visit, two weeks later, 12/06/2019





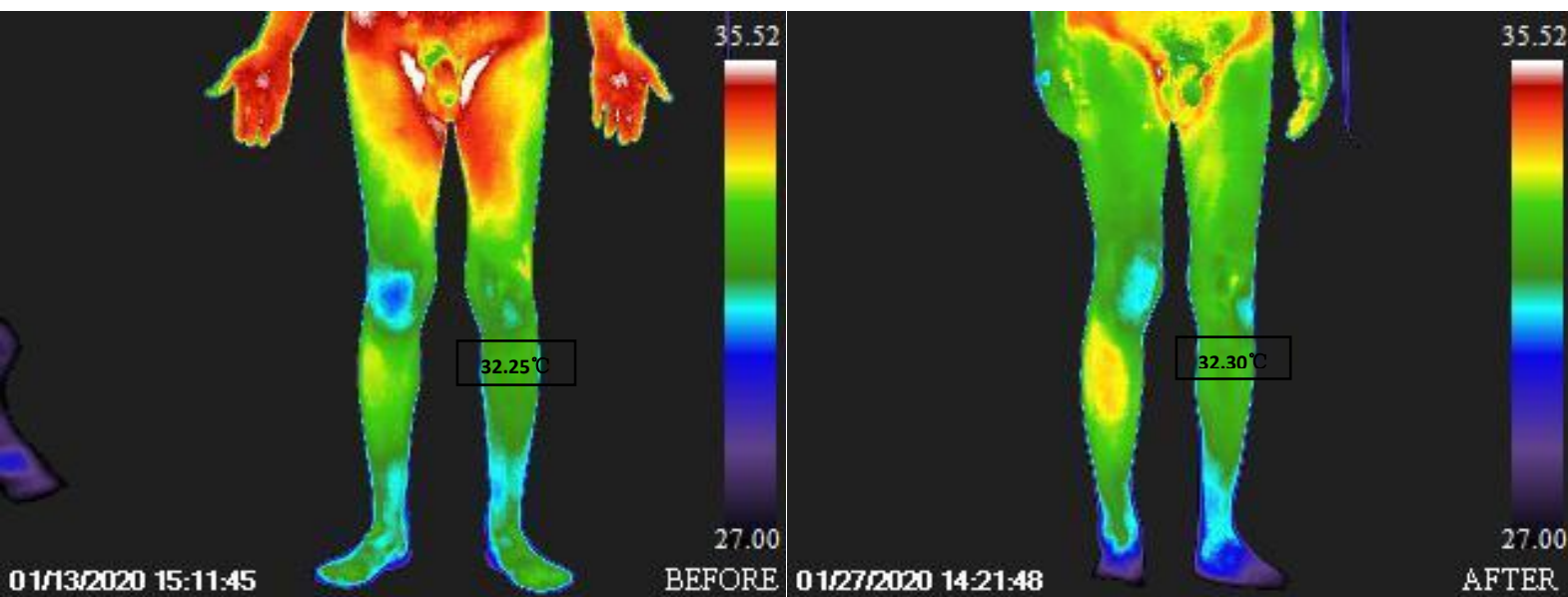


Fig 8, male, 64

Fig 8a) 1<sup>st</sup> visit 01/13/2020

Fig 8b) 2<sup>nd</sup> visit, two weeks later 01/27/2020

8c) 1<sup>st</sup> visit, leg as control

8d) 2<sup>nd</sup> visit, legs as control

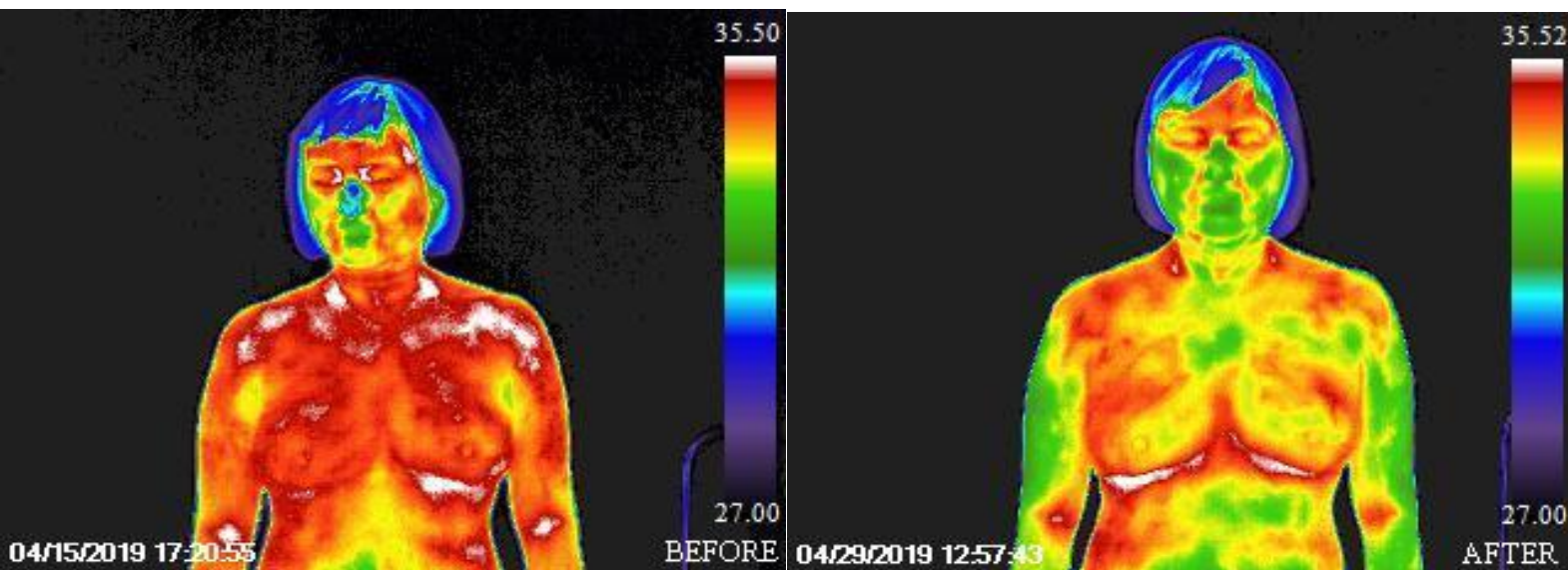


Fig 9 female, 64

Fig 9a) left, 1<sup>st</sup> visit 4/15/2019

Fig 9b) 2<sup>nd</sup> visit, two weeks later 04/29/2019

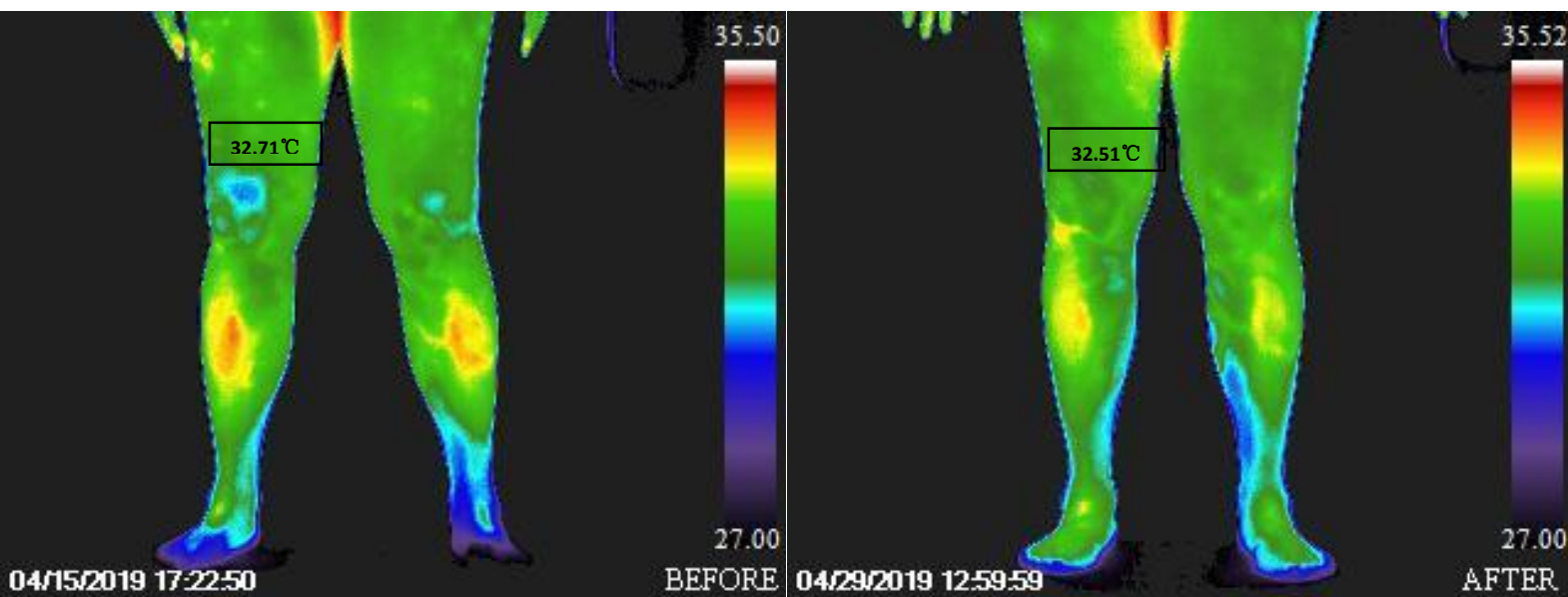


Fig 9 female, 64

Fig 9a) 1<sup>st</sup> visit

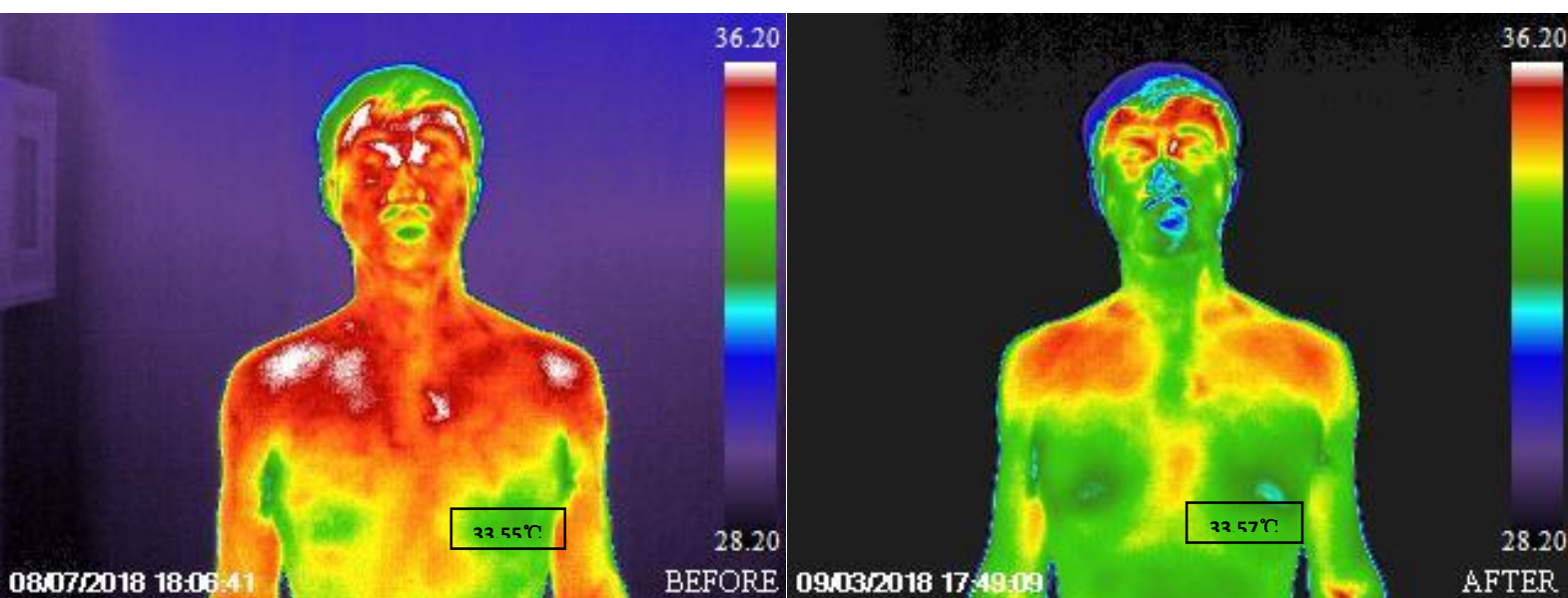


Fig 10, male, 64

Fig 10a) 1<sup>st</sup> visit 8/7/2018

Fig 10b) 2<sup>nd</sup> visit, four weeks later 9/3/3018



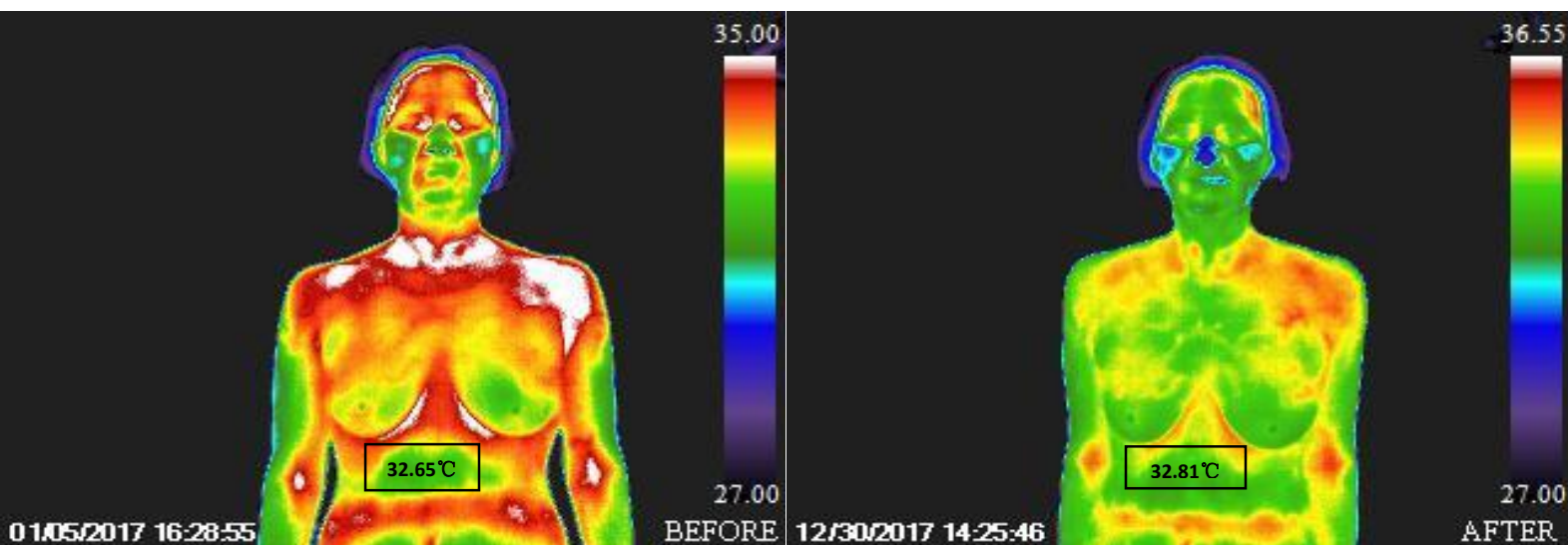


Fig 11, female 64

Fig 11a) left 1<sup>st</sup> visit 01/05/2017

Fig 11b) right 2<sup>nd</sup> visit, 12 months later

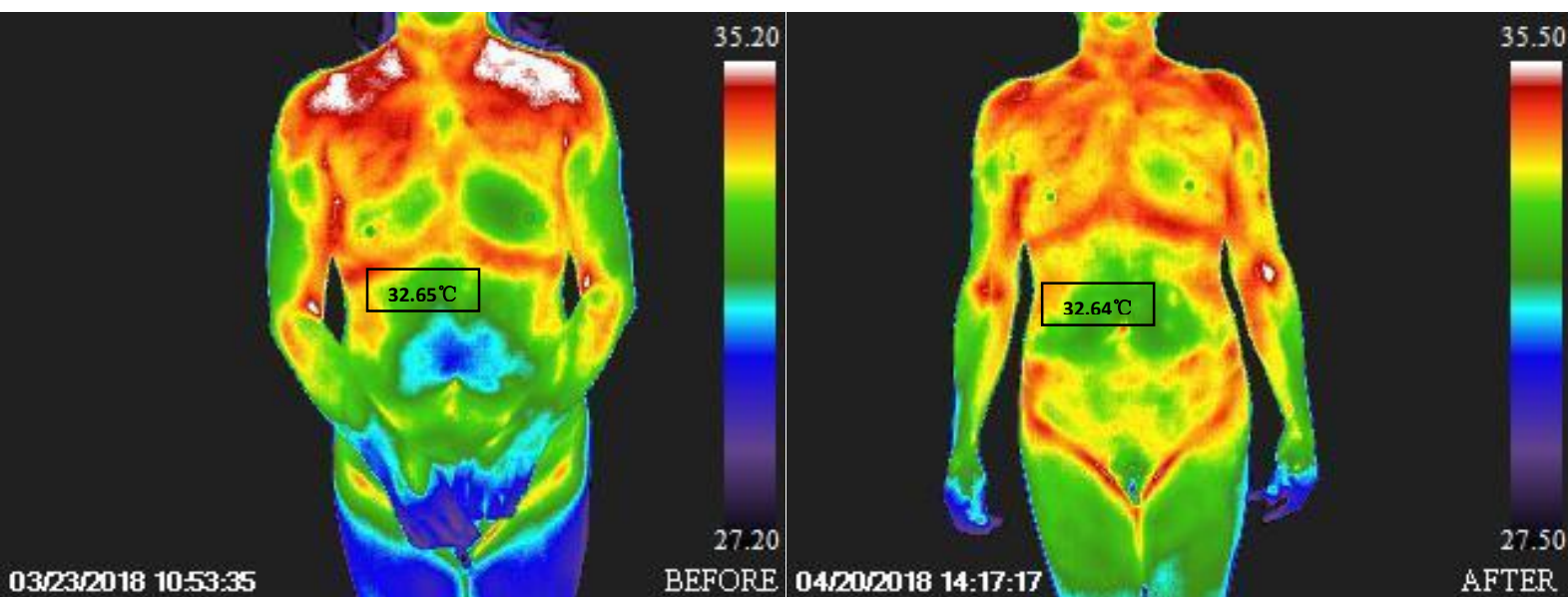


Fig 12: female, 55

Fig 12a) 03/23/2018

Fig 12b) four weeks later 04/20/2018

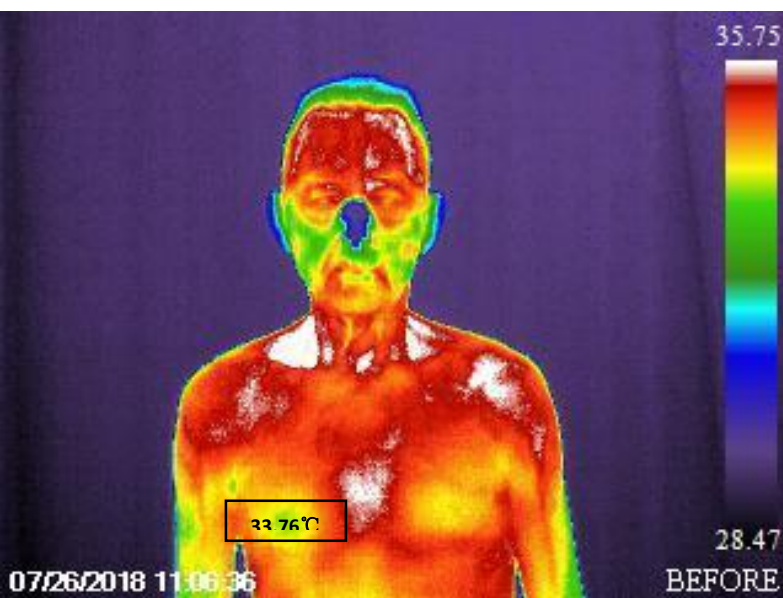


Fig 13 male, 76  
Fig 13a) 1<sup>st</sup> visit 07/26/2018

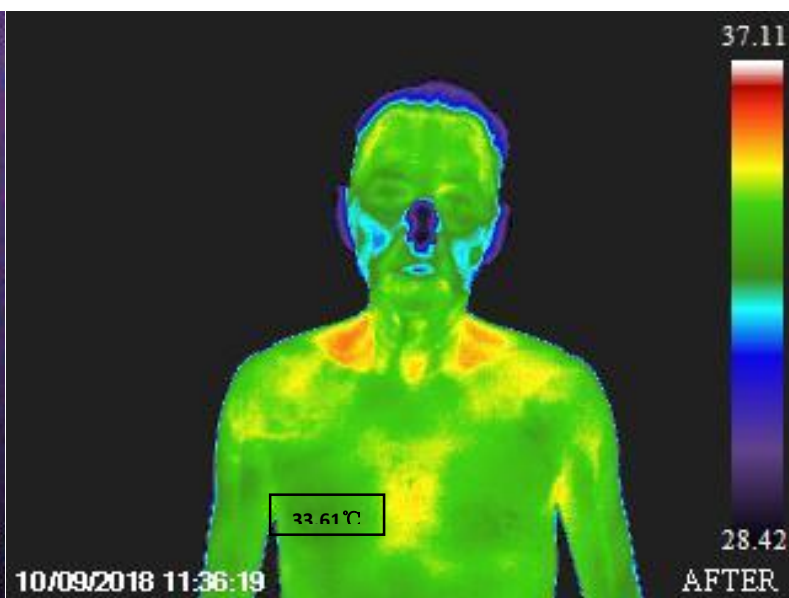


Fig 13b) 2<sup>nd</sup> visit ten weeks later 10/09/2018

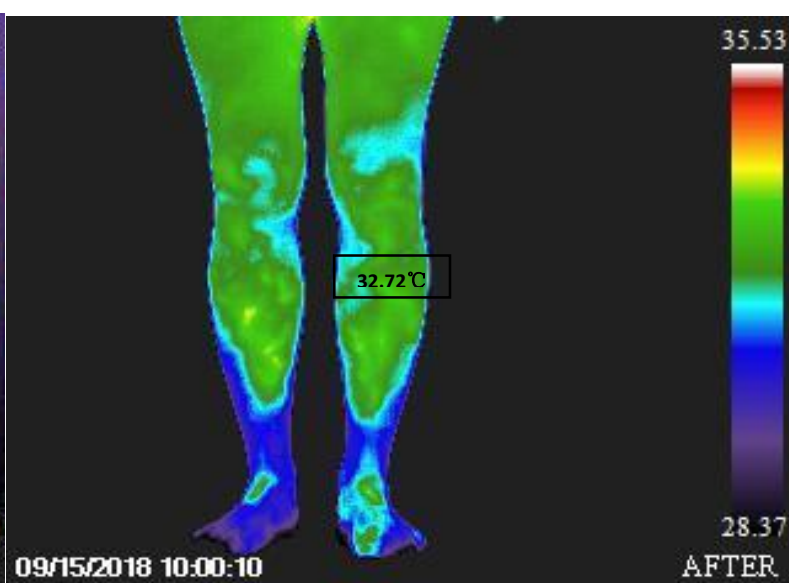
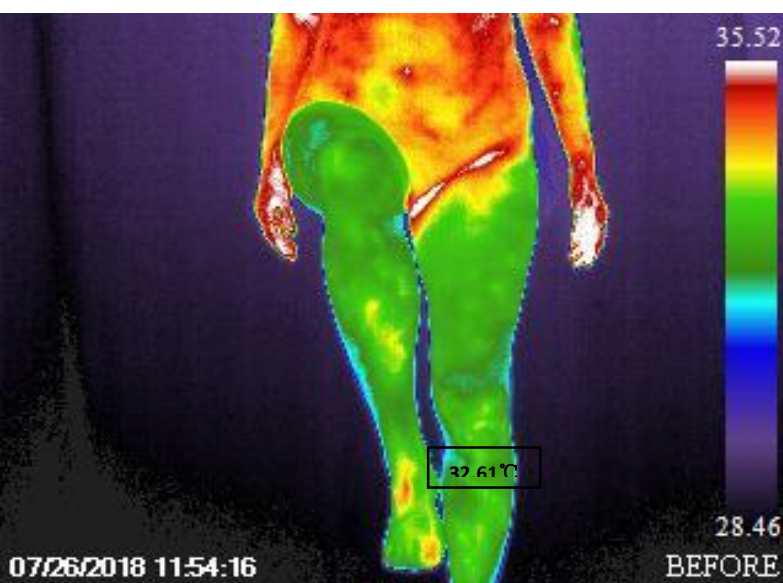
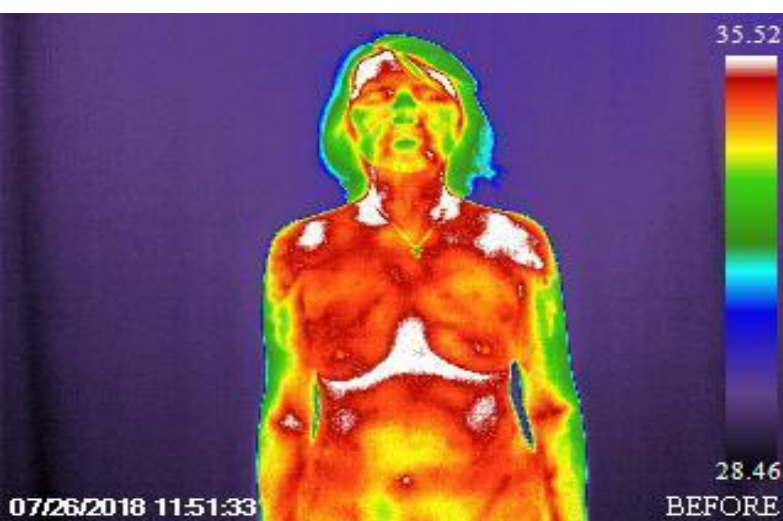


Fig 14: female, 67



Fig 14 a) upper left, 1<sup>st</sup> visit 7/26/2018

Fig 14 b) upper right, 2<sup>nd</sup> visit, 9/15/201

c) lower left, 1<sup>st</sup> visit, legs for control

d) lower right , 2<sup>nd</sup> visit, legs for control

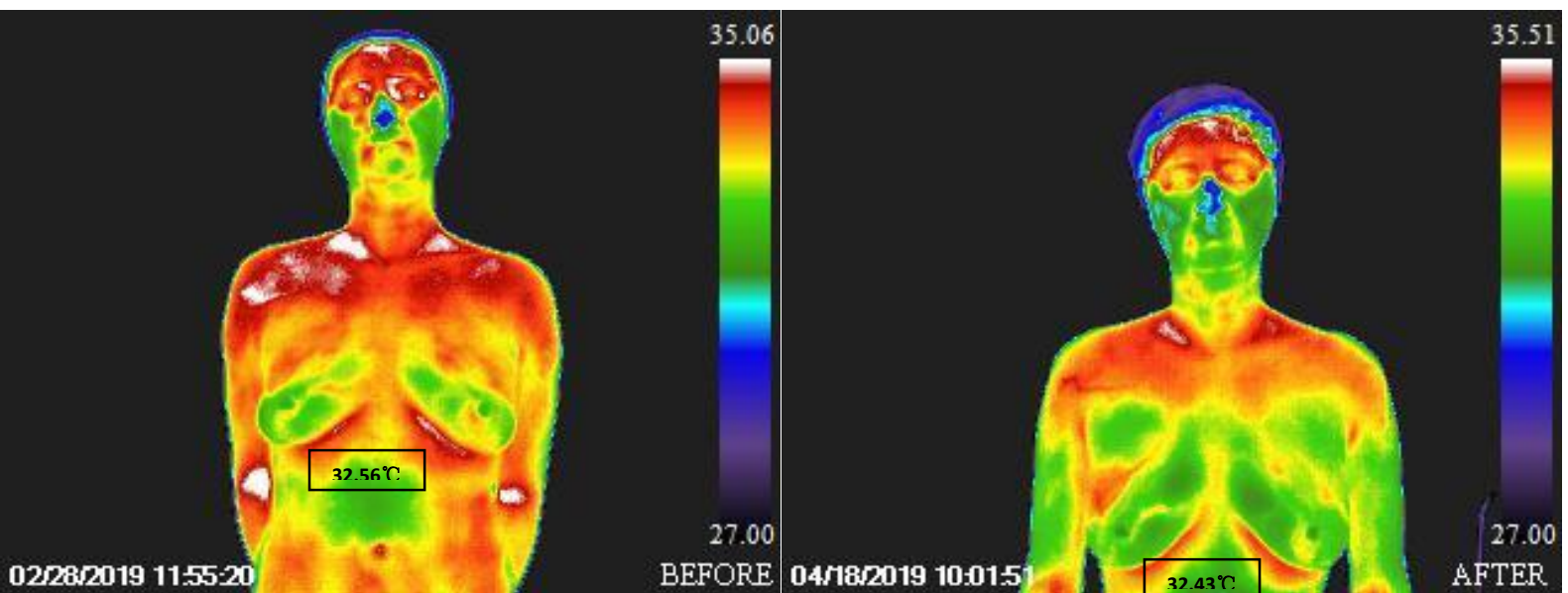
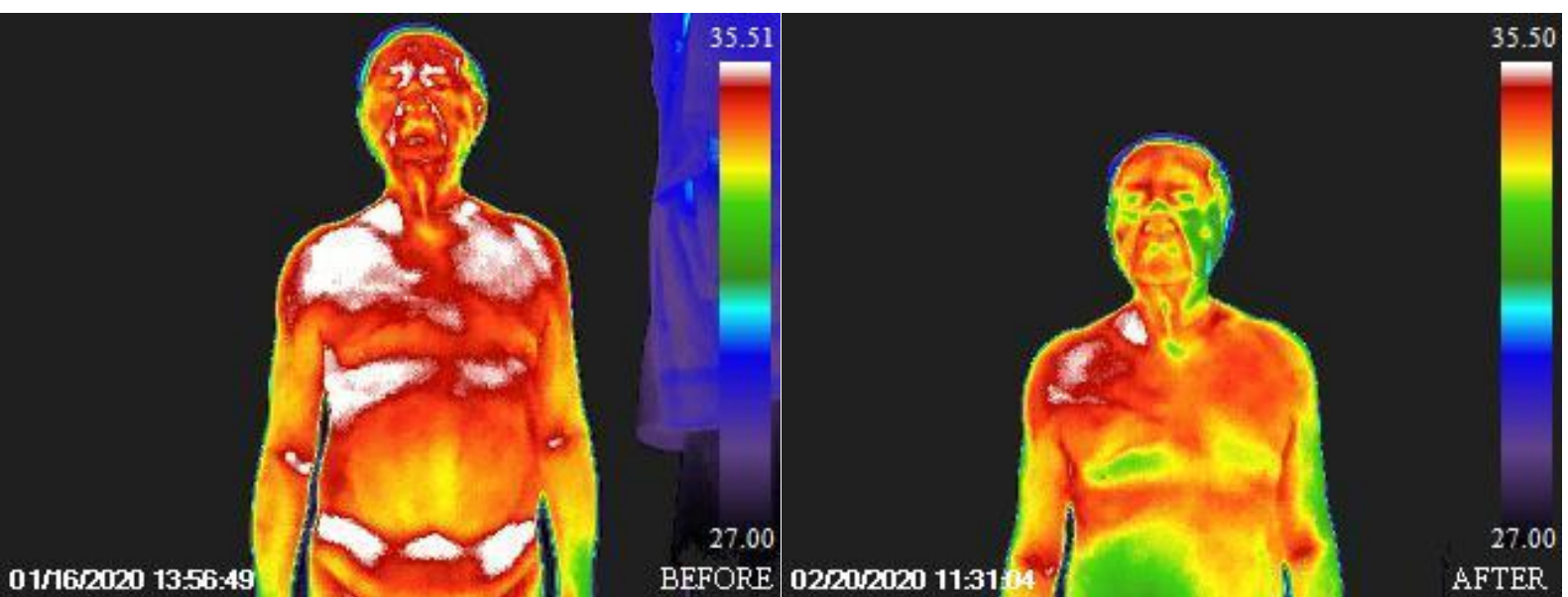


Fig 15, female, 45

Fig 15 a) 1<sup>st</sup> visit, 02/28/2019

Fig 15 b) 2<sup>nd</sup> visit, one month later, 04/18/2019



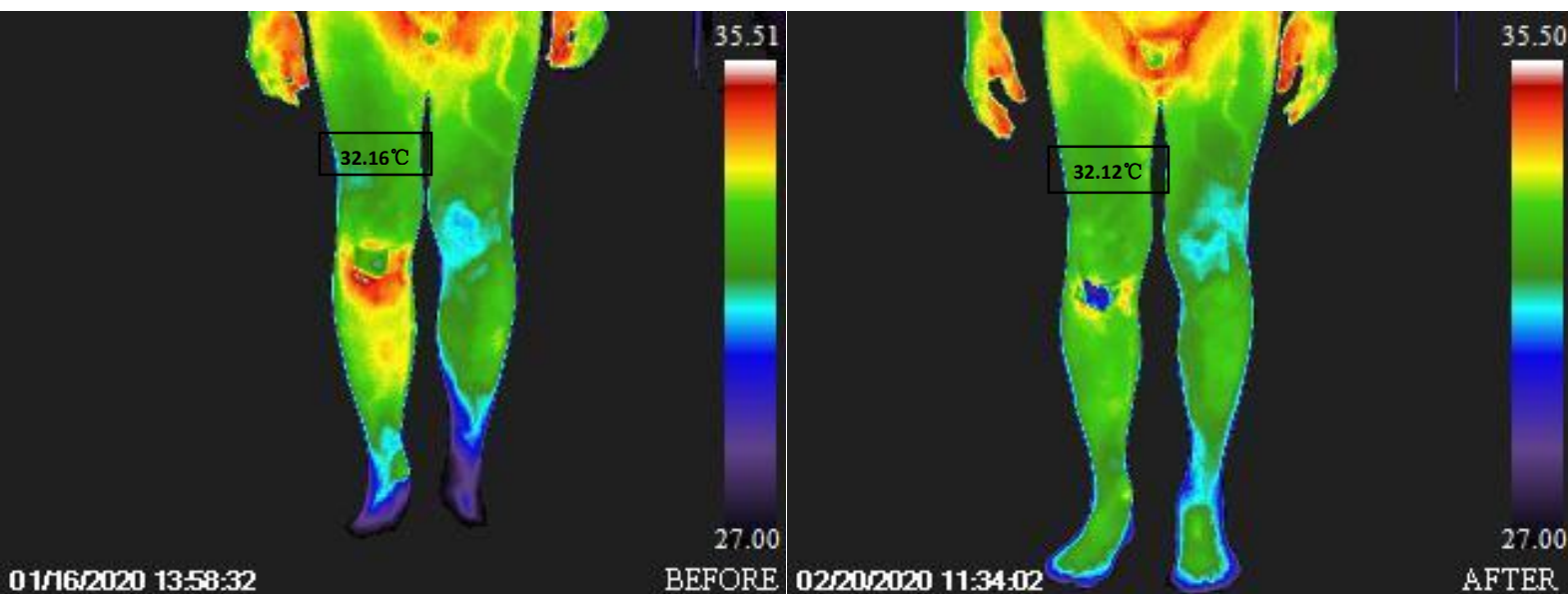


Fig 16 male, 81

Fig 16a) upper left 1<sup>st</sup> visit 01/16/2020

Fig 16b) upper right, 2<sup>nd</sup> visit five weeks later 02/20/2020

Fig 16d) lower left, 1<sup>st</sup> visit, legs for control

Fig 16d) lower right, 2<sup>nd</sup> visit, legs for control

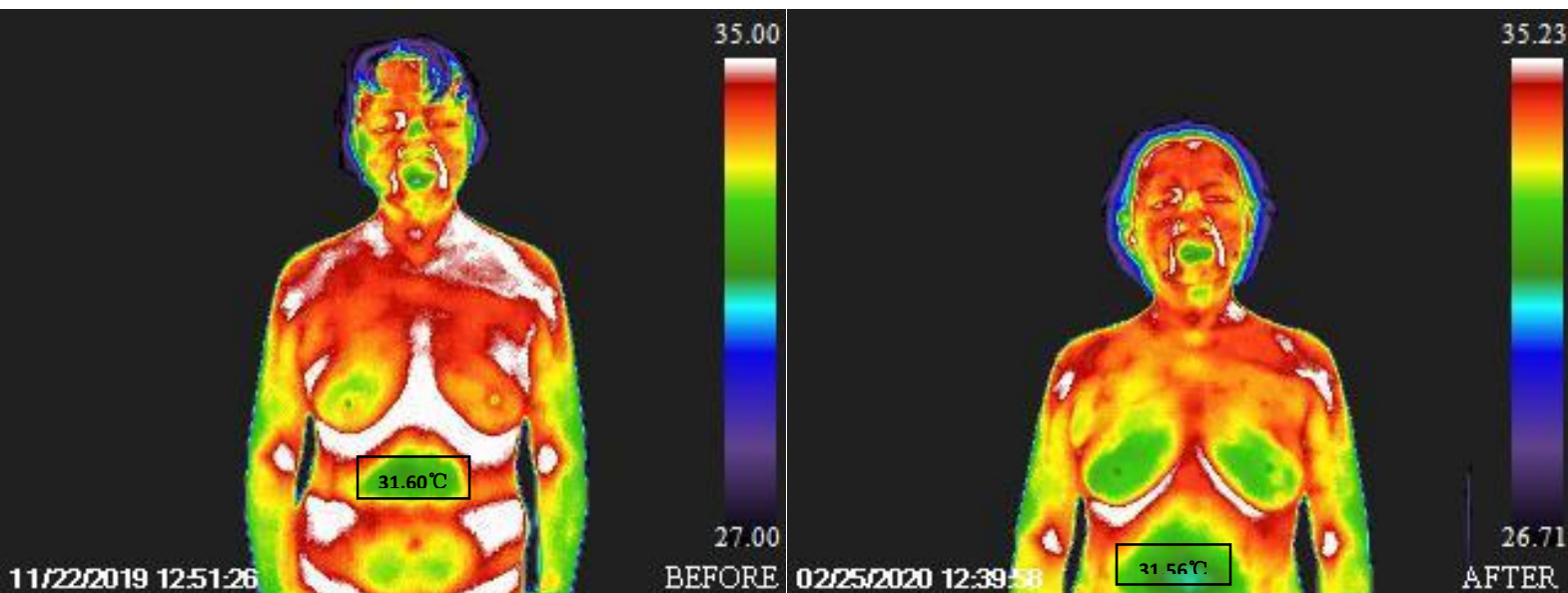


Fig 17 female, 70

Fig 17a) 1<sup>st</sup> visit 11/22/2019

Fig 17b) 2<sup>nd</sup> visit three months later, 02/25/2019



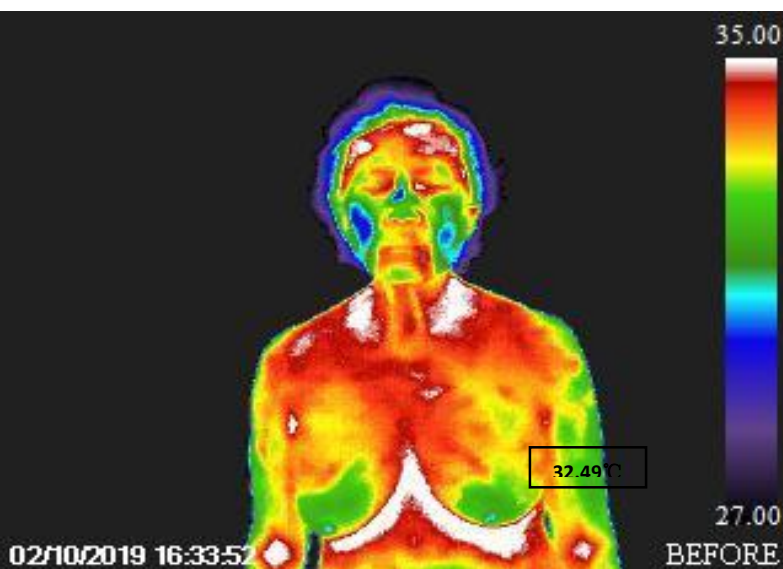


Fig 18 female 79

Fig 18a) 1<sup>st</sup> visit 02/10/2019

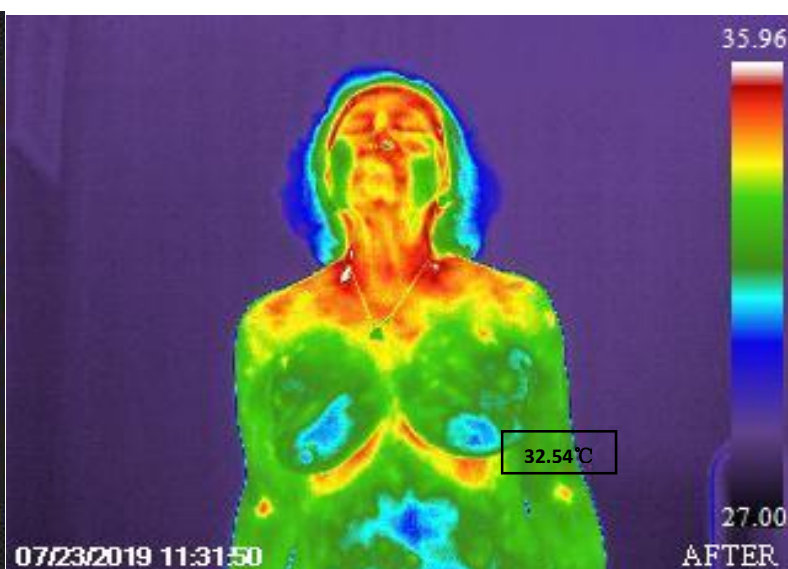


Fig 18b) 2<sup>nd</sup> visit five months later 07/23/2019

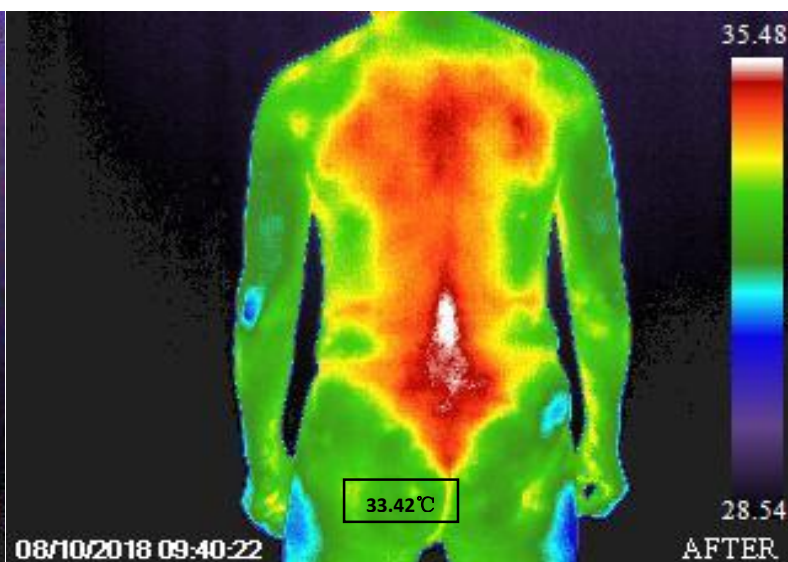
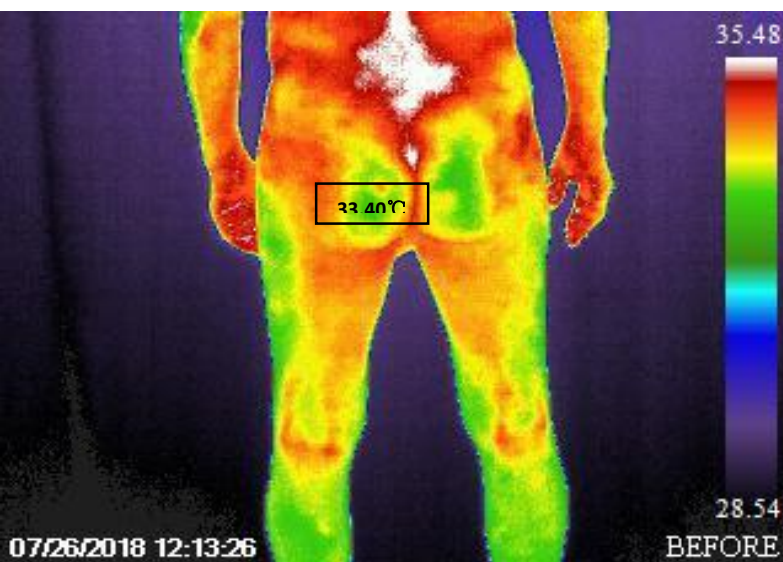


Fig 19, male,67

Fig 19a) 1<sup>st</sup> visit 07/26/2018

19c) 1<sup>st</sup> visit, lower back for control

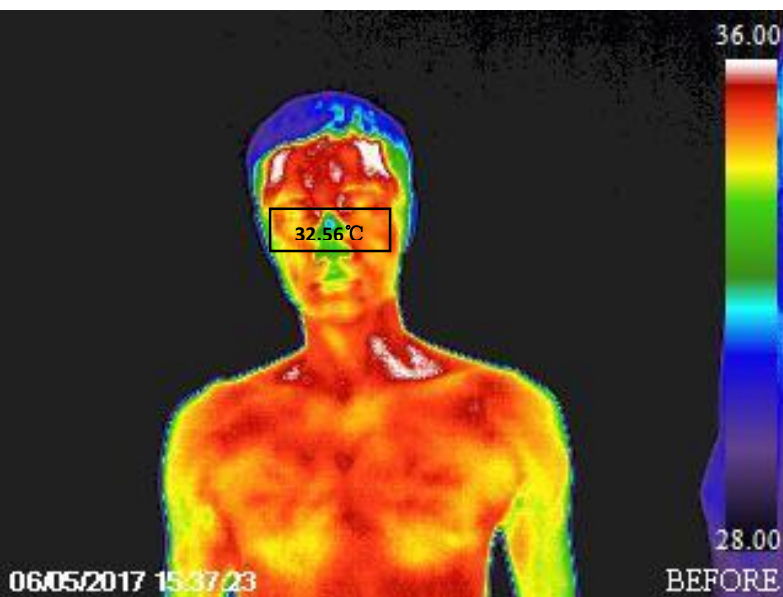


Fig 19b) 2<sup>nd</sup> visit, 3 weeks later, 08/10/2018

19d) 2<sup>nd</sup> visit, lower back for control

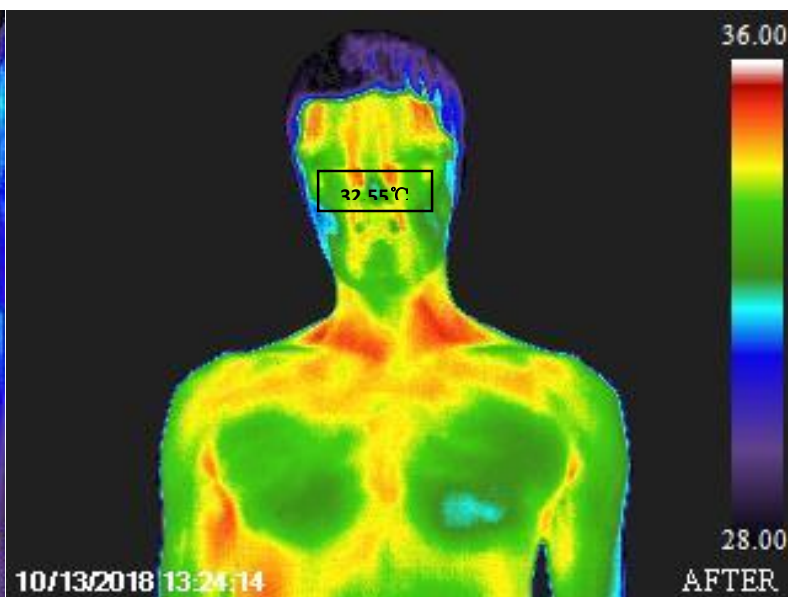


Fig 20 male 47,

Fig 20a) 1<sup>st</sup> visit 06/05/2017

Fig 20b) 2<sup>nd</sup> visit 10/13/2018 twenty weeks later

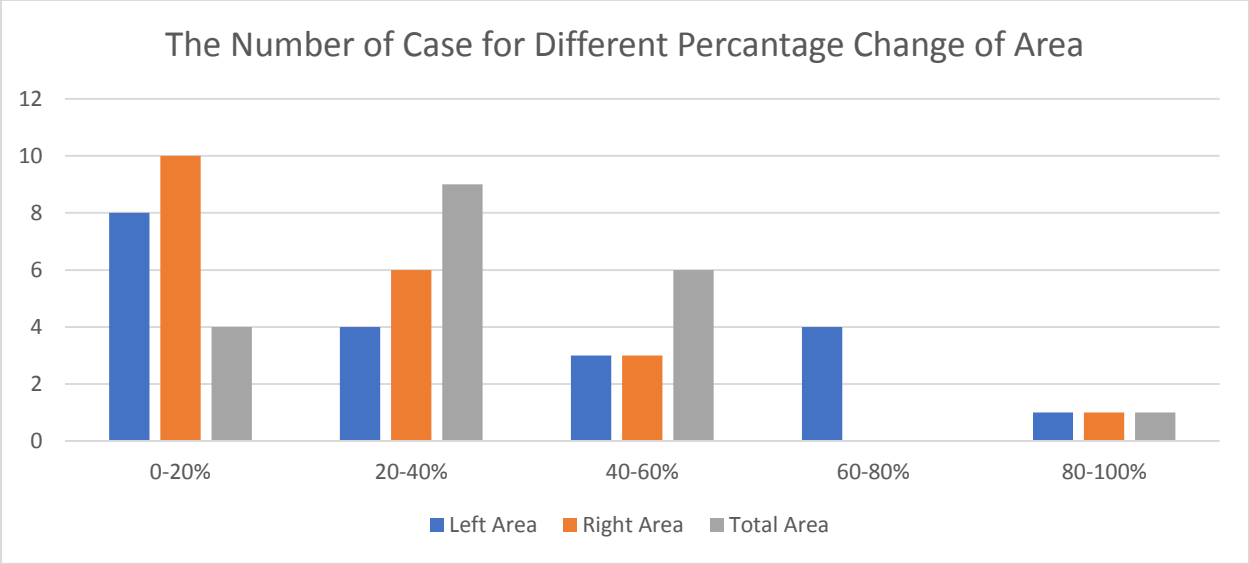


Fig 21: The number of cases(vertical axis) as a function of different % in decrease in white area of Left and Right at acupoint LU2( horizontal axis)

Table 1: The change of temperature and areas for patient cases

Case	Gender	Age	1st Time Visit		2nd Time Visit				Change of Colour		causes
			Temp	Area	Temp	Area	ΔTemp	ΔArea			
1	male	83	35.89	27	35.31	0	-0.58	-27	W to R	left	carpet dust
			35.96	45	35.29	11	-0.67	-34	W to W	right	
2	female	71	35.18	5	33.94	0	-1.24	-5	W to R	left	factory
			35.21	18	34.13	0	-1.08	-18	W to R	right	
3	female	69	35.39	11	34.46	0	-0.93	-11	W to G	left	smog
			35.27	22	34.61	0	-0.66	-22	W to G	right	
4	female	63	36.15	40	34.08	0	-2.07	-40	W to Y	left	cook
			35.73	13	34.57	0	-1.16	-13	W to R	right	
5	male	73	35.09	22	33.56	0	-1.53	-22	W to Y	left	smog
			34.96	22	33.7	0	-1.26	-22	W to R	right	
6	female	60	35.97	3	34.43	0	-1.54	-3	W to R	left	allergy
			36.21	22	35.13	0	-1.08	-22	W to R	right	
7	female	75	35.11	21	34.68	5	-0.43	-16	W to W	left	smog
			35.23	20	34.5	9	-0.73	-11	W to W	right	
8	male	64	35.21	5	34.96	4	-0.25	-1	W to W	left	cook
			35.54	33	34.91	2	-0.63	-31	W to R	right	
9	female	64	35.49	34	34.7	0	-0.79	-34	W to R	left	smog
			35.43	11	34.89	0	-0.54	-11	W to R	right	
10	male	56	36.16	11	35.44	0	-0.72	-11	W to R	left	massager
			36.25	33	34.89	0	-1.36	-33	W to R	right	
11	female	64	35.44	44	35.09	0	-0.35	-44	W to R	left	smog
			35.28	11	34.76	0	-0.52	-11	W to R	right	
12	female	55	35.27	45	34.86	0	-0.41	-45	W to R	left	genetic, poss
			35.28	8	34.91	0	-0.37	-8	W to R	right	lung cancer
13	male	76	35.8	22	35.04	0	-0.76	-22	W to G	left	
			35.54	7	35.09	0	-0.45	-7	W to G	right	
14	female	67	35.94	42	35.05	0	-0.89	-42	W to R	left	unclear
			35.81	11	34.97	0	-0.84	-11	W to R	right	
			34.81	3	34.18	0	-0.63	-3	W to R	left	smog



15	female	45	35.03	10	34.7	0	-0.33	-10	W to R	right	
16	male	81	35.5	56	34.45	0	-1.05	-56	W to R	left	smog
			35.85	67	35.25	11	-0.6	-56	W to W	right	
17	female	70	35.26	44	34.92	11	-0.34	-33	W to W	left	smog
			35.17	30	34.72	9	-0.45	-21	W to W	right	
18	female	79	34.49	0	34.43	0	-0.06	0	R to Y	left	smog
			34.83	6	34.44	0	-0.39	-6	W to R	right	
19	male	67	35.54	20	34.67	0	-0.87	-20	W to R	left	allergy
			35.27	5	34.85	0	-0.42	-5	W to R	right	
20	male	47	35.61	4	34.62	0	-0.99	-4	W to Y	left	restaurant
			35.49	0	34.42	0	-1.07	0	R to Y	right	

Notes: We define that the unit area is 1mm×1mm. L means left-hand side, and R means right-hand side. W means white, R means red, Y means yellow, and G means green.





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## **Detection, treatment and prevention of COVID-19- a practical proposal**

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### **Abstract**

CORVID-19 was declared by World Health Organization on March 11, 2020 to be a pandemic. Detection, treatment and prevention of COVID-19 become a matter of urgency. There are currently two methods of detection, treatment, and prevention: one method is from the Western Medicine, and the second method is from Traditional Chinese Medicine. We propose a third method that comes from the synthesis of quantum theory and Chinese medicine in the last twenty four years, which we call Quantum Chinese Medicine. This proposal consists of detection by the infrared imaging system that can record the temperature of inflammation of the acupoint LU2 of lung meridian, which is caused by COVID-19. The treatment and prevention of COVID-19 are by drinking Xenwater<sup>TM</sup>, which is a water solution that contain Solid Water Particles. The time dependence of the reduction of inflammation of the LU2 can be recorded. The advantages of this proposal are: immediate availability, low cost, massive scale production that can satisfy the requirement of millions of people. There is no side effect. The success or failure of this proposal can be measured in days.