



# RE MISSION 1°C

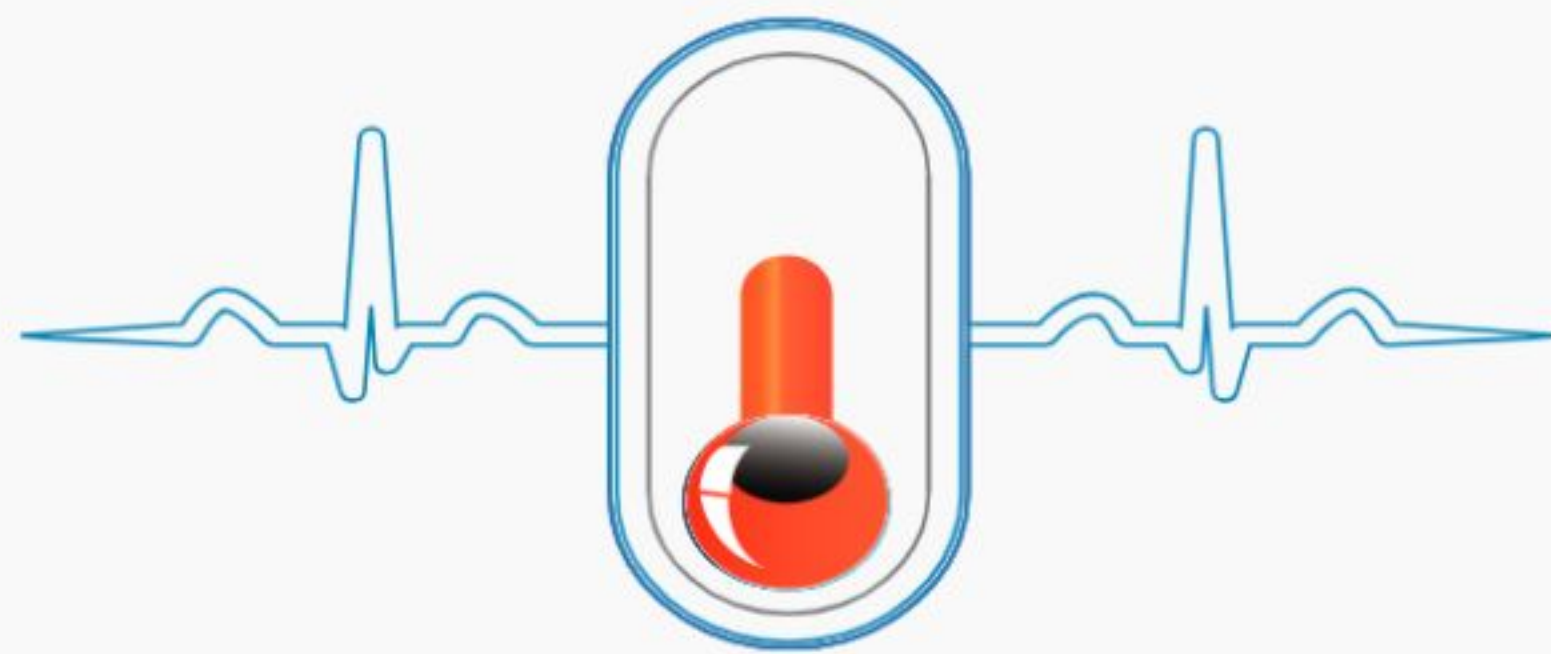
HYPER THERMIA  
High-frequency heater

INNOBIZ  
기술혁신형중소기업



# REMISSION 1°C

MAKES THE WORLD WARMER & BETTER



GUARDING OUR LIFE

## The MIRACLE of 1°C

REMISSION 1°C Gives You

CHAIRMAN

### Greeting

We hope to bring “Healthy Life”, human’s biggest desire with REMISSION 1°C the high-frequency hyperthermia equipment.

The pioneer of medicine, Hippocrates says “Heat can cure all diseases” in his aphorism.

We are making our efforts to ease the pain of patients suffering from incurable diseases, opening a new field of “Hyperthermia treatment” through our continual R&D.

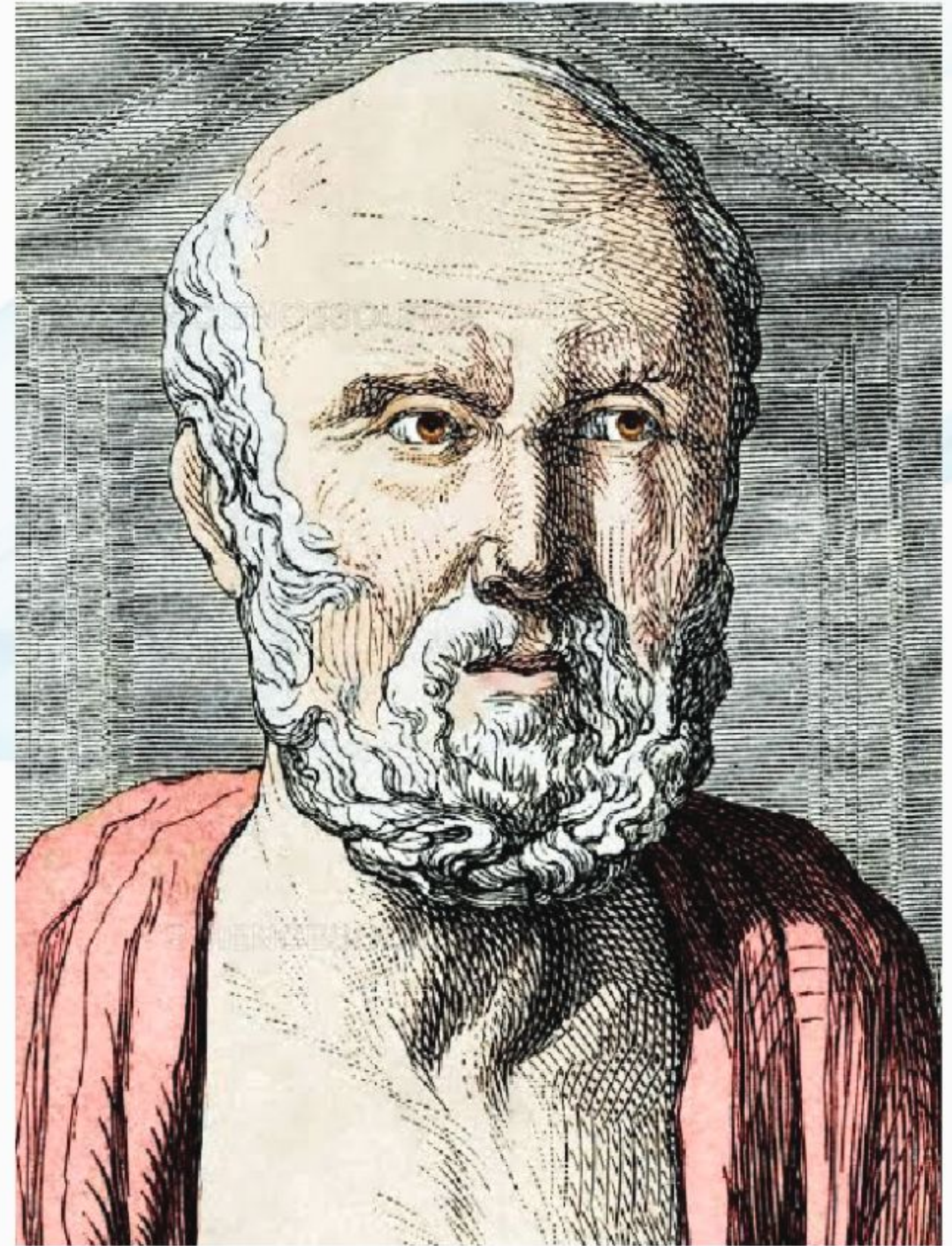
People must be healthy and happy free of the pain from diseases is our vision.

We are working honestly and diligently to be the world best company to make our vision come true.

## HEAT CAN CURE ALL!

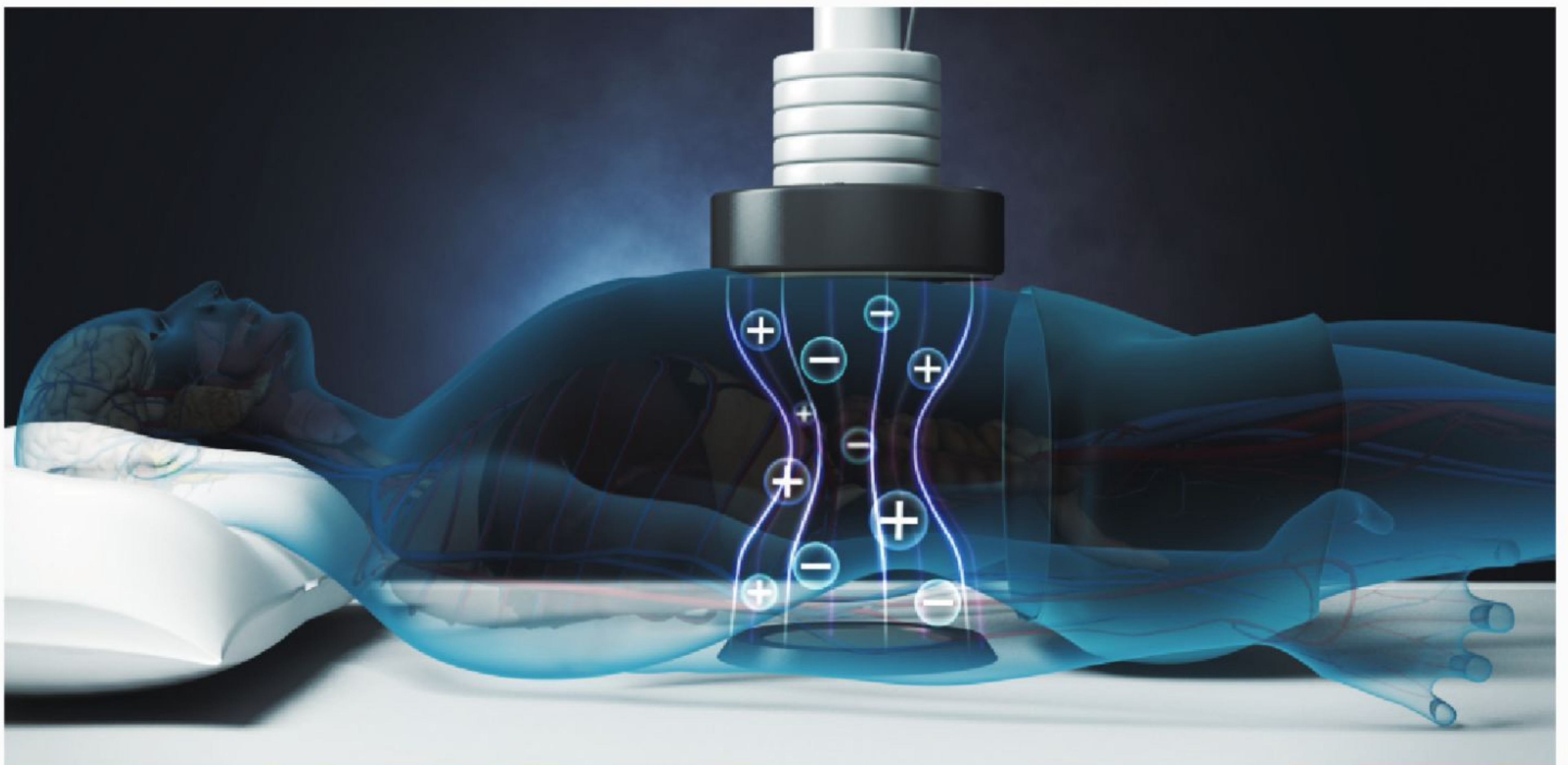
When body temperature decreases by  $1^{\circ}\text{C}$ , immunity decreases by 30% and metabolism decreases by 12%, but when body temperature increases *by  $1^{\circ}\text{C}$* , immunity *increases by 3 to 5 times*, raising the body temperature to  $1^{\circ}\text{C}$  can prevent most diseases.

**The Miracle of  $1^{\circ}\text{C}$** , REMISSION  $1^{\circ}\text{C}$  will be always with you.



**HIPPOCRATES**  
The Father of Medicine

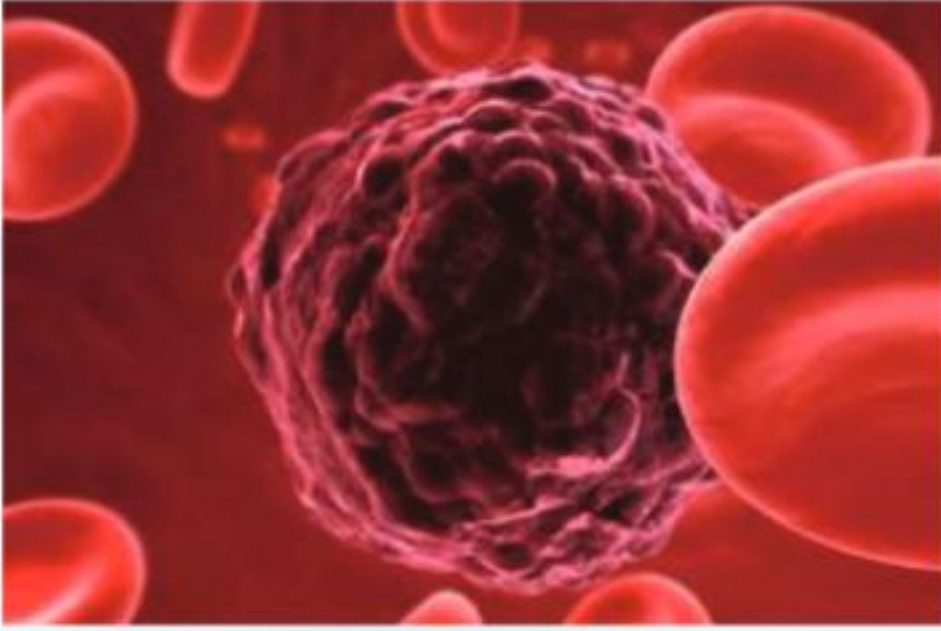
## What is Hyperthermia by High-frequency?



High-frequency hyperthermia is a cancer treatment method that raises body temperature by generating deep heat inside the body tissues during the treatment.

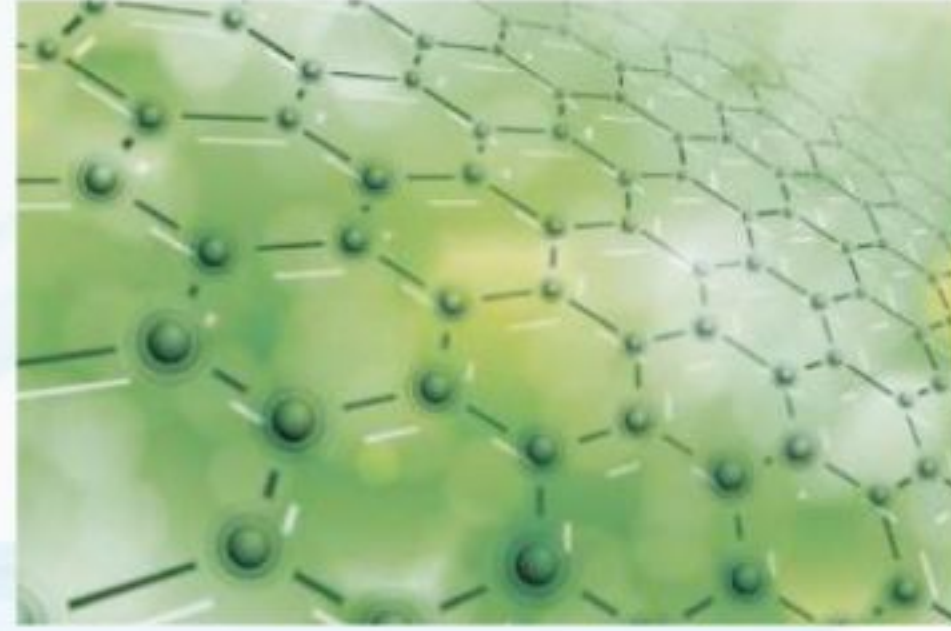
## Hyperthermia of REMISSION 1°C

### Heat Treatment



REMISSION 1°C is applied to most cancer diseases, using the principle that tumor cells are vulnerable to high heat. At 42.5°C, the normal cells disperse heat with the expansion of blood Vessels. Rather, because the tumor cells can't dispense heat. It is annihilated by the heat.

### Immunity Treatment



When the body temperature is increased by 1°C, the immunity of human body is increased by 3-5 times. And enhanced immunity may increase the chance to kill cancer cells, helping to prevent recurrence or metastasis of cancer.

## Mechanism of Medical High-frequency Hyperthermia



Take high-frequency to human body



Induce vibration of water dipole ion



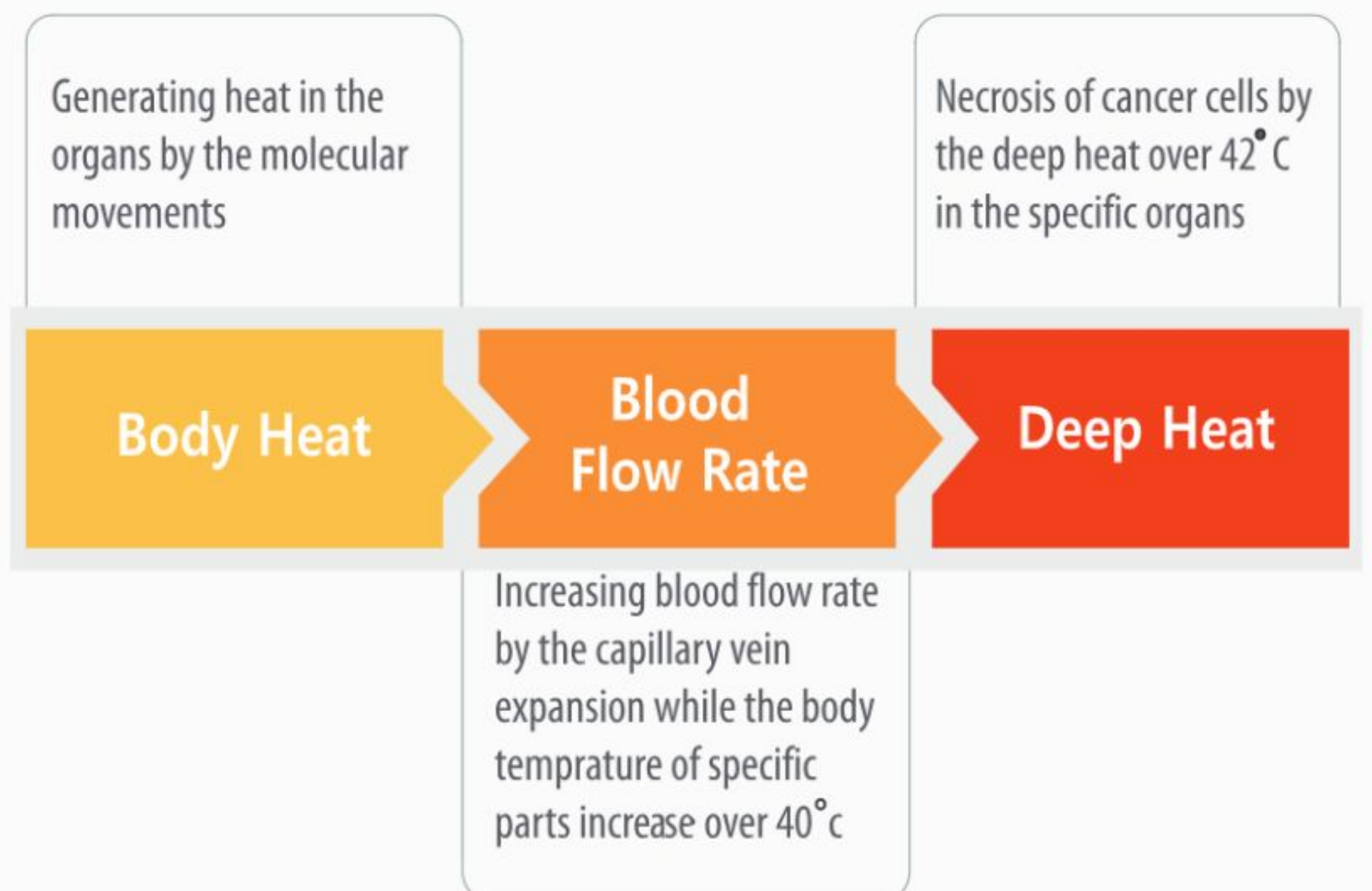
Generate Heat (Frictional Heat)

## What is DEEP HEAT?

When high frequency electric energy is applied to body, frictional heat is generated by the molecular movements, namely rotation, friction, twist or collision.

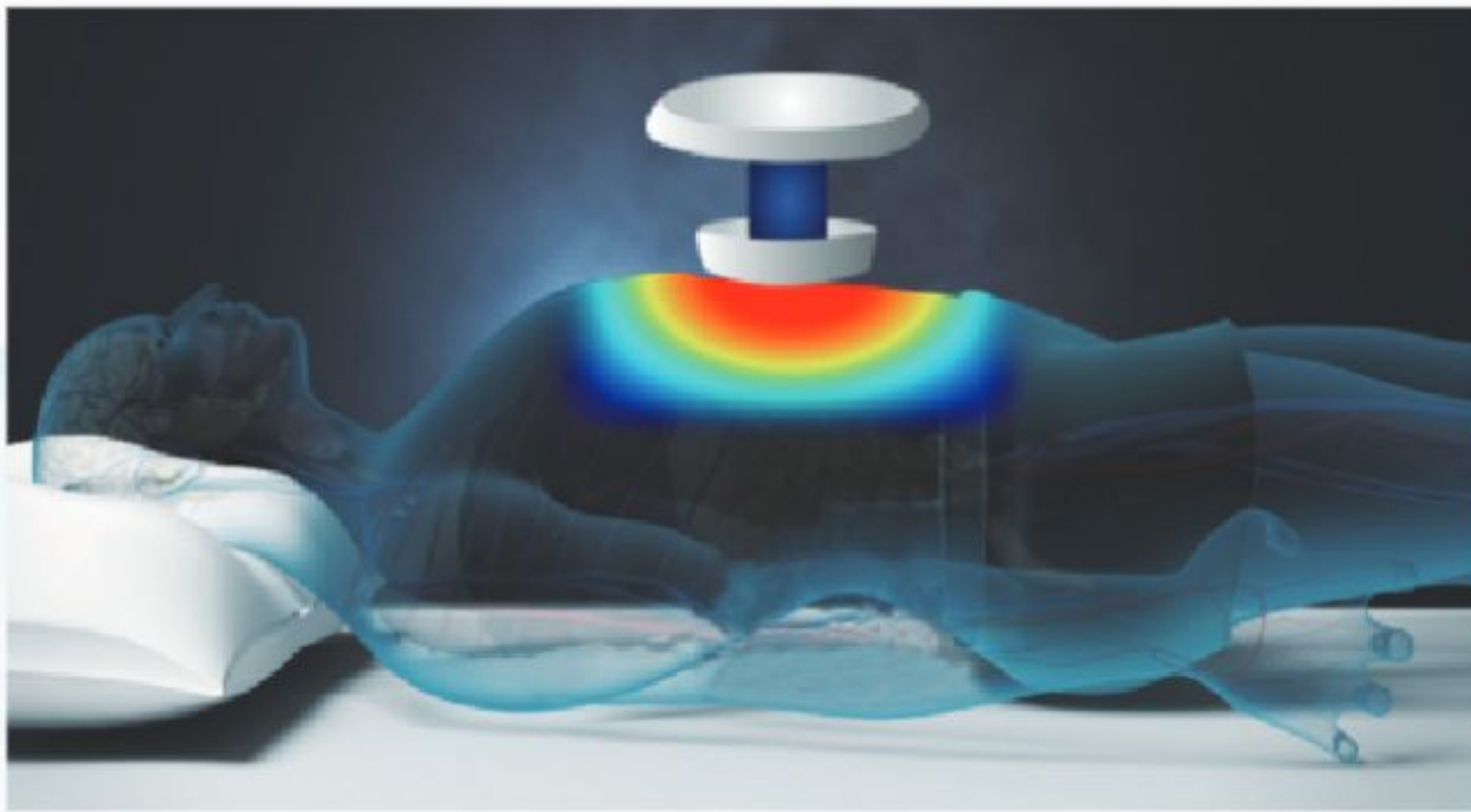
While this high frequency electric energy has no effect on sensory and motor nerves in the body, it has its advantages of heating up specific parts of the body tissues without any discomfort or muscular contraction.

Also, the high frequency converted into heat energy helps to increase the cellular functions and blood flow rate by cellular temperature increase.



## Differences in Methods Cause | Differences in Effectiveness

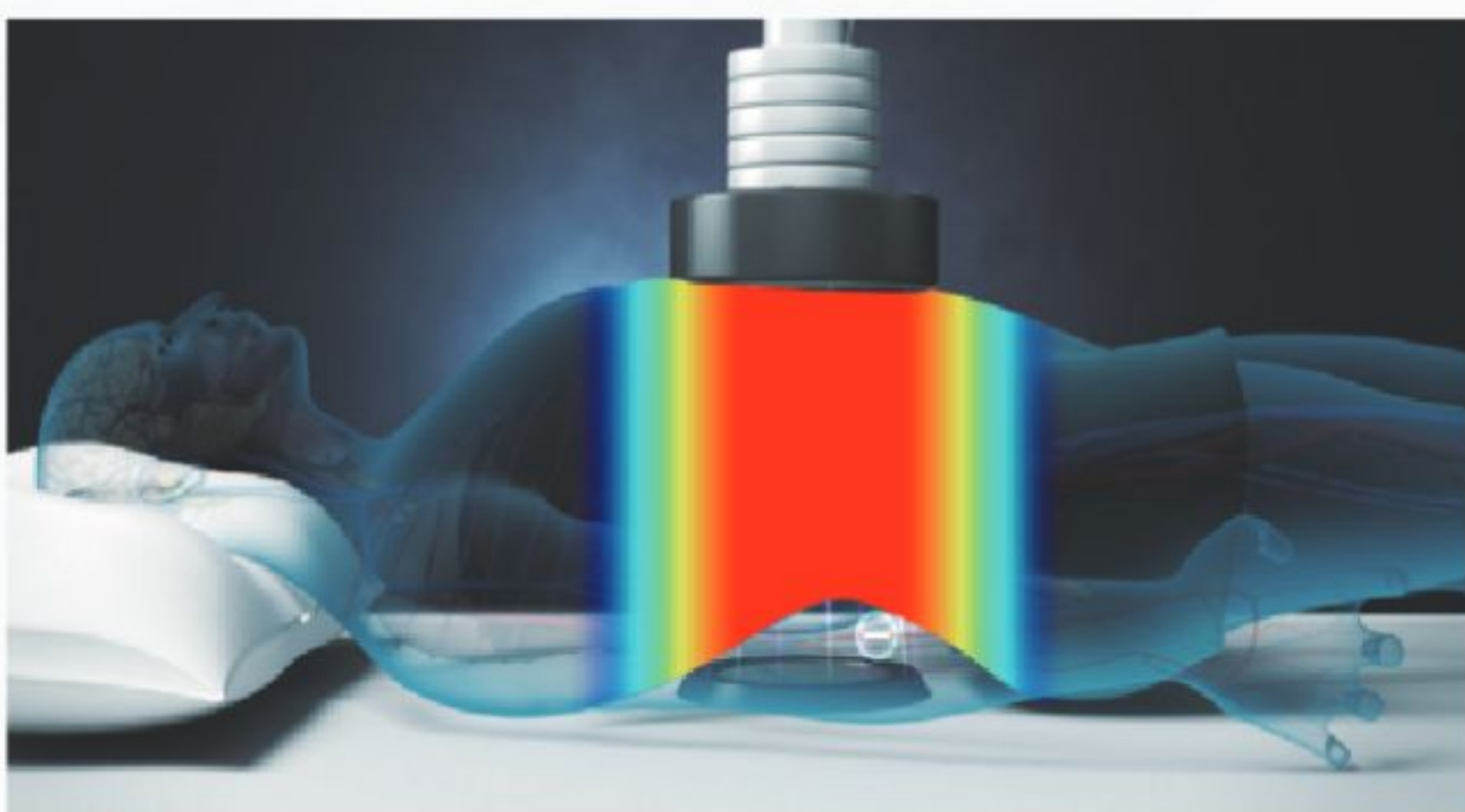
### Existing Thermal Therapy of Others



Most conventional equipment is capacitive.

*Since most capacitive methods only produce heat in the subcutaneous layer, deep heat is not enough.*

### Advanced Thermal Therapy of REMISSION 1°C

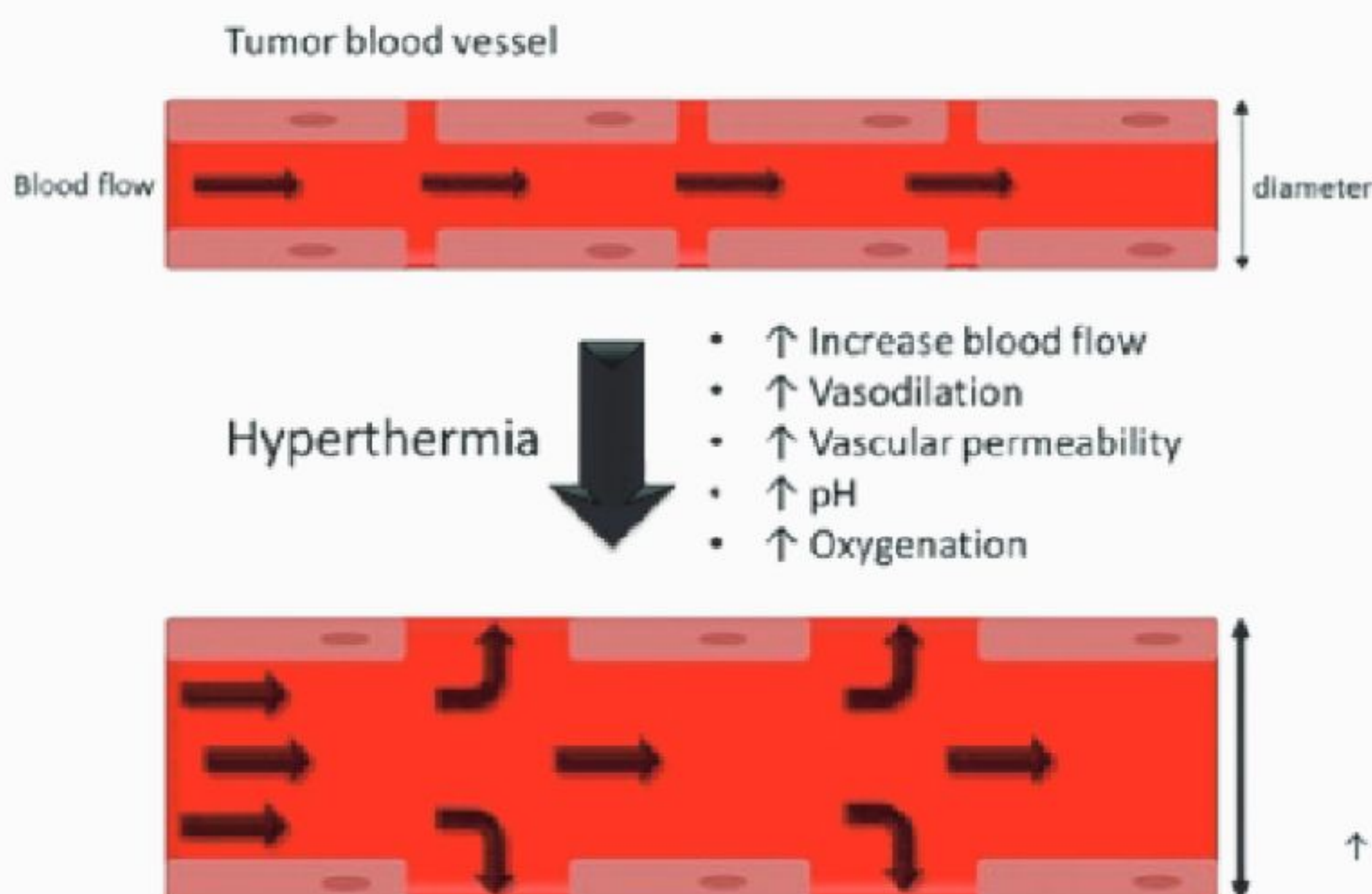


REMISSION 1°C, the equipment is a resistive method to generate friction heat from the body.

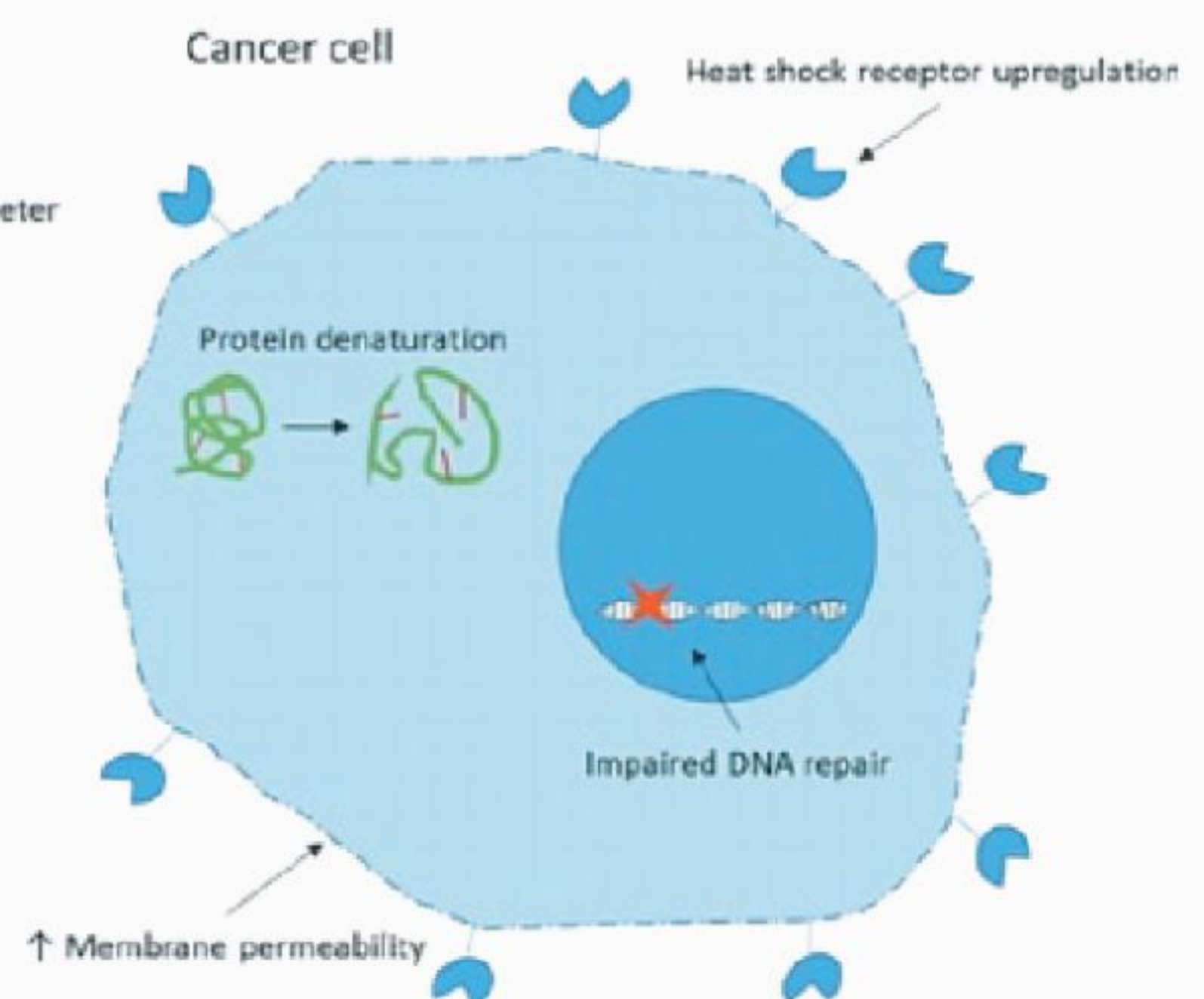
*Resistive methods produce heat evenly in the subcutaneous layer and in the deep areas. So heat transfer is enough for the deep body.*

## Physiological changes in Tumor Tissue with Hyperthermia

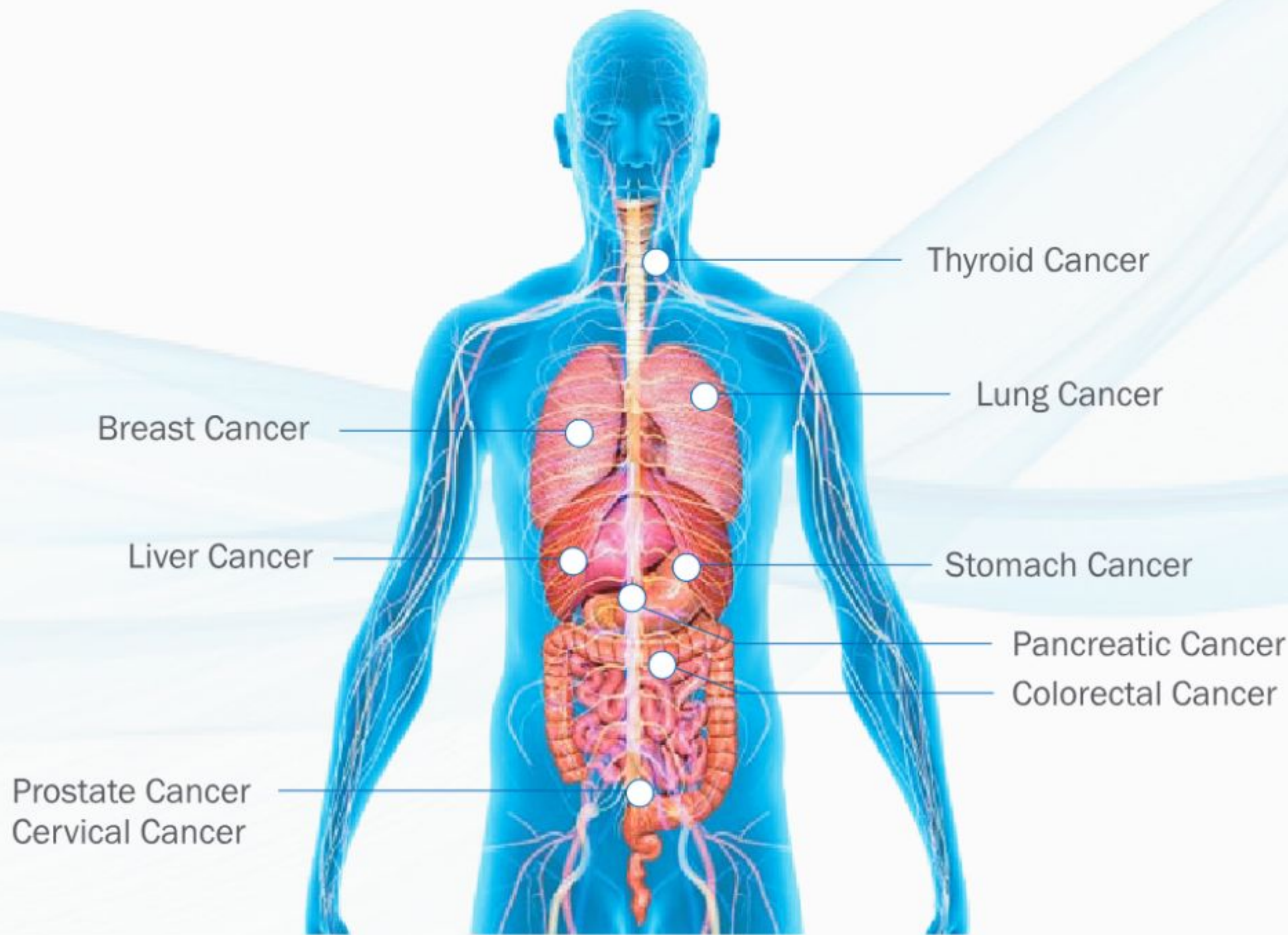
### Vascular Effects



### Cellular Effects



## Coverage of REMISSION 1°C



REMISSION 1°C is a medical frequency hyperthermia equipment increasing deep heat with the duplex frequency transmission.

It cures cancer cells and increases immunity by increasing the temperature of organs, such as liver, lung, colorectal, and other organs. REMISSION 1°C is applicable for all cancer with the doctor's diagnosis.

## Patients Applicable for REMISSION 1°C

Patients Before / After Surgery

Patients Taking Radiation Therapy

Non Improvement of Chemotherapy

Patients Taking Anticancer Drug

Patients With Severe Pain

Intractable Patients With Recurrence

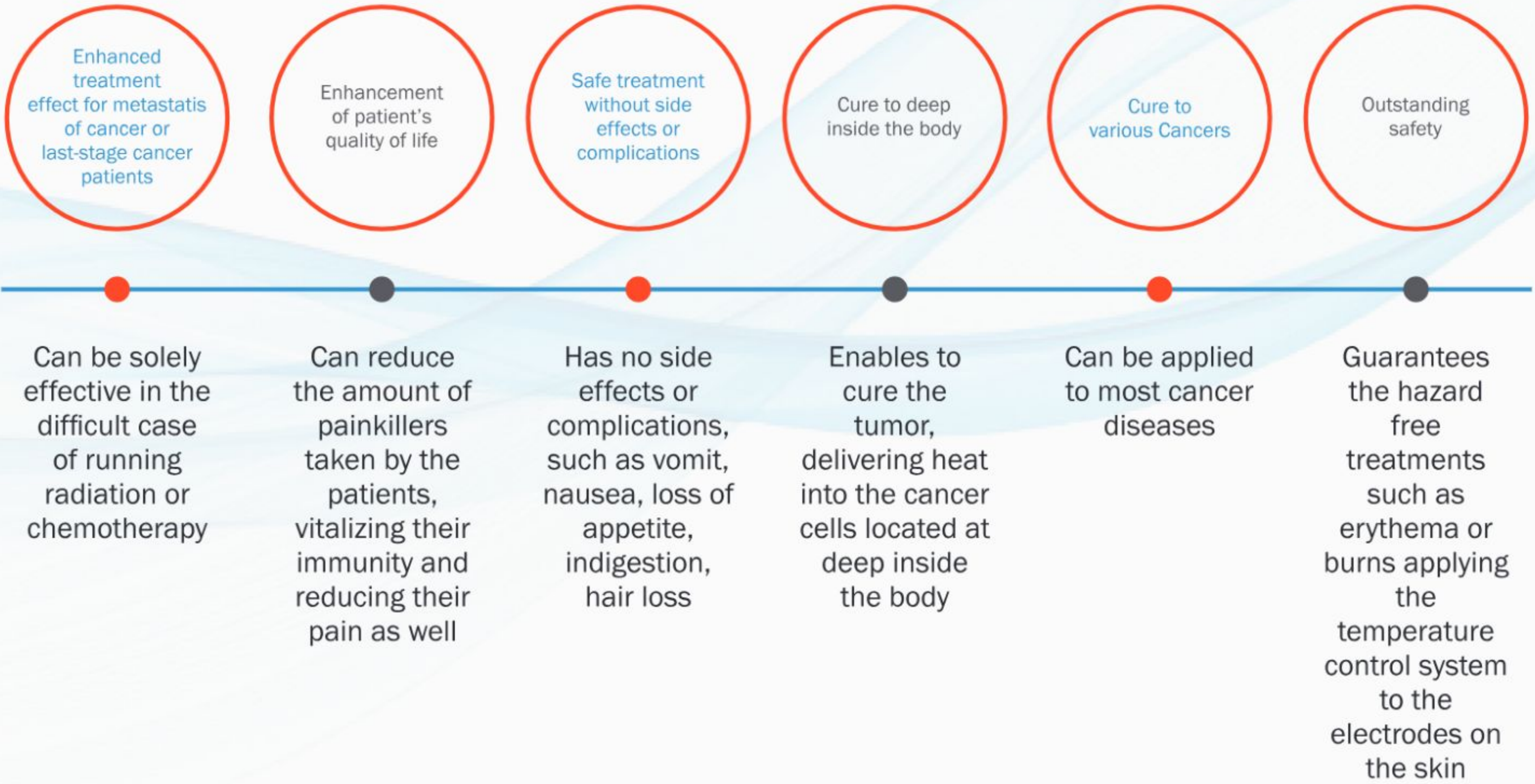
## REMISSION 1°C Treatment Program

### Program Duration

- Duration and frequency of treatment program may vary on the patients condition.
- Combination Treatment is useful with other cancer treatments (surgery, radiation therapy, chemotherapy)



# Advantages of Hyperthermia



# Permission & Authentication

Licenses & Certificates - International



Certificate of Authority  
Medical Device Authority, Thailand  
(Government of Thailand)

Licenses & Certificates - International



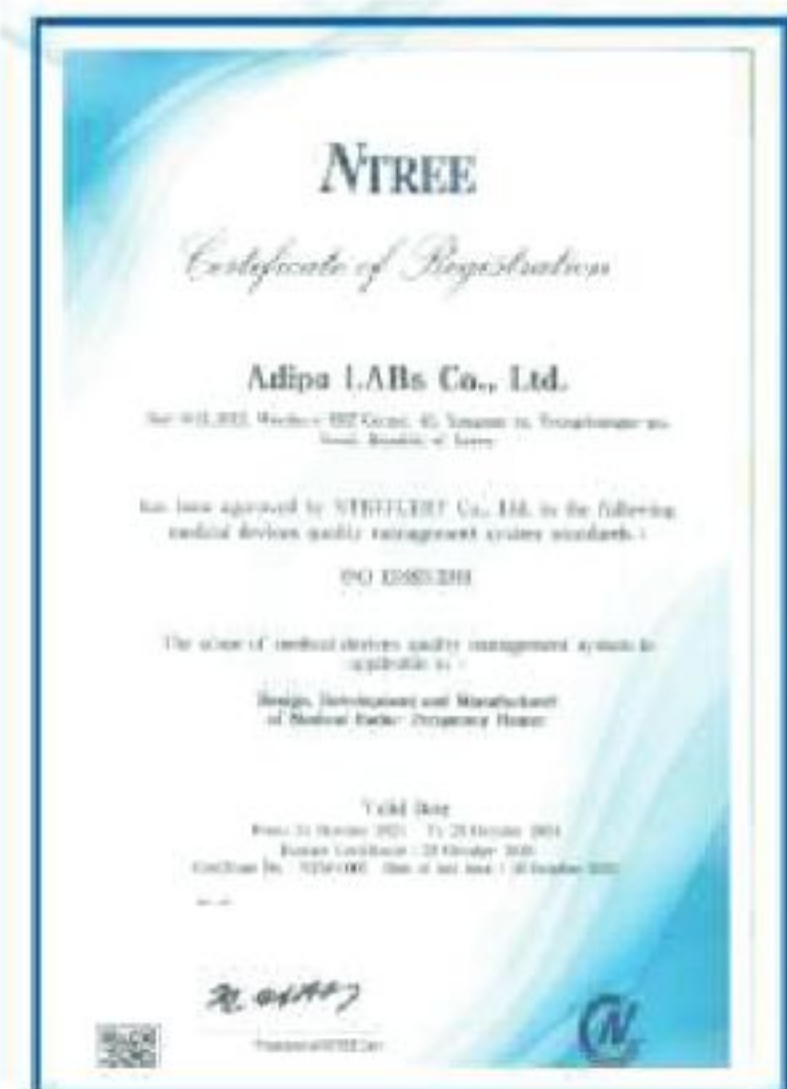
Certificate of Full Quality Assurance  
MTC Intersert, South Korea

Licenses & Certificates - International



Certificate of Manufacturer  
South Korea Food & Drug Administration, South Korea

Licenses & Certificates - International



Certificate of Registration  
NTRC, South Korea

Licenses & Certificates - India



Certificate of Registration  
Central Drug Standard Control Organization, India

Licenses & Certificates - India



Registration Certificate  
Government of Puducherry, India

Licenses & Certificates - India



Certificate of Registration  
Government of Puducherry, India

Licenses & Certificates - India



Certificate of Registration  
Government of India

# REMISSION 1°C System



### Various Applicators

Different sized applicators for various parts of body



### Temperature Check Function

Checking real time threshold temperature trend



### Optional Time Selection System

treatment time may be manually modified based on the patient's condition



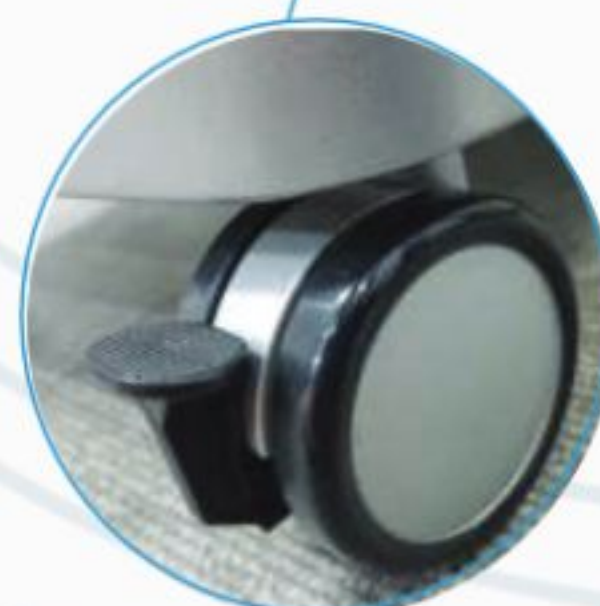
### Applicators Crane (ARM)

comport positioning on the treatment area with 4 joints control



### Output Control System

be manually controlled based on the patient's condition and diagnosis



### Mobility

be easily movable and requires only small space



### Patient Emergency Button

patient can stop alone in bed during the operation, just one button

# REMISSION 1°C Clinical Experiment on Animals

In 2015 We have proved generating deep heat

## REMISSION 1°C Animal Clinical Experiment About DEEP HEAT

Date : May 30, 2015  
 Place: Animal Research Centre Korea University Medicine College 1F, Seoul.  
 Subject: 3 Yorkshire pigs sterilized  
 Equipment: REMISSION 1° C

Exposing animal to electricity fields with the high frequency has direct correlation with increase of body temperature. Whether high frequency machinery (REMISSION 1° C) functions in increasing body temperature and maintains that temperature was tested by measuring the accurate changes in the temperature increasing (42°C and higher) through sterilized pig experiment.



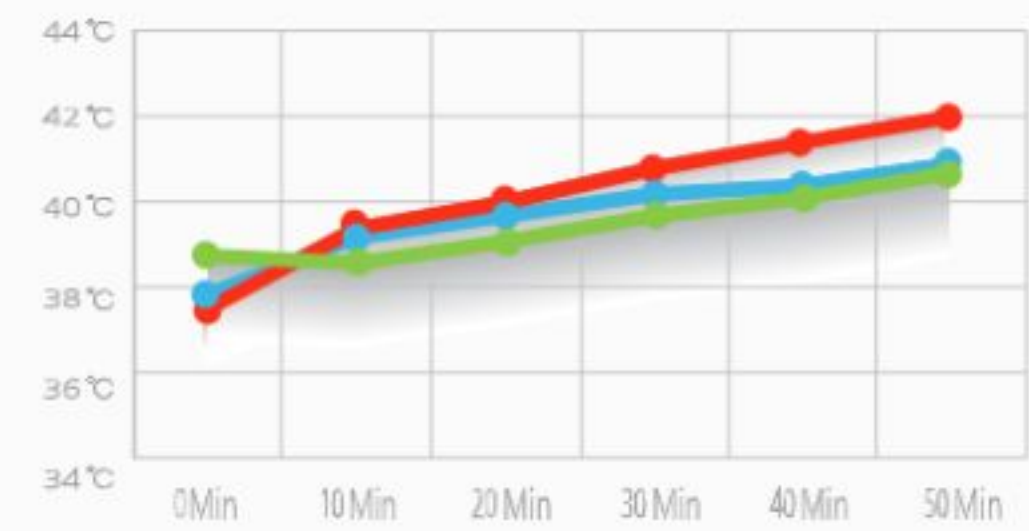
01. Measuring blood flow of anaesthetized pigs



02. insert Thermometer in stomach, liver, abdomen



03. Measuring average temperature of each organs



● stomach ● liver ● abdomen



04. Starting REMISSION 1°C for 50 mins



05. Proving Increasing deep heat over 42°C



06. Measuring Residual heat for 50 mins

Average residual temperature of organs for 50 minutes



● stomach ● liver ● abdomen

## The Paper of Animal Clinical Experiment About Deep Heat

**Abstract**

The purpose of this study was to investigate the effect of REMISSION 1°C on the body temperature of anaesthetized pigs. The results showed that the temperature of the stomach, liver, and abdomen increased significantly after the application of REMISSION 1°C. The temperature of the stomach increased from 38.0°C to 41.0°C, the liver from 38.5°C to 41.5°C, and the abdomen from 39.0°C to 42.0°C after 50 minutes of treatment. After 50 minutes of treatment, the temperature of the stomach, liver, and abdomen decreased significantly. The temperature of the stomach decreased from 41.0°C to 37.5°C, the liver from 41.5°C to 38.0°C, and the abdomen from 42.0°C to 38.5°C after 50 minutes of treatment.

**Introduction**

The purpose of this study was to investigate the effect of REMISSION 1°C on the body temperature of anaesthetized pigs. The results showed that the temperature of the stomach, liver, and abdomen increased significantly after the application of REMISSION 1°C. The temperature of the stomach increased from 38.0°C to 41.0°C, the liver from 38.5°C to 41.5°C, and the abdomen from 39.0°C to 42.0°C after 50 minutes of treatment. After 50 minutes of treatment, the temperature of the stomach, liver, and abdomen decreased significantly. The temperature of the stomach decreased from 41.0°C to 37.5°C, the liver from 41.5°C to 38.0°C, and the abdomen from 42.0°C to 38.5°C after 50 minutes of treatment.

**Conclusion**

The results of this study showed that the application of REMISSION 1°C to anaesthetized pigs resulted in a significant increase in the temperature of the stomach, liver, and abdomen. After 50 minutes of treatment, the temperature of the stomach, liver, and abdomen decreased significantly. The temperature of the stomach decreased from 41.0°C to 37.5°C, the liver from 41.5°C to 38.0°C, and the abdomen from 42.0°C to 38.5°C after 50 minutes of treatment.

**References**

1. Kim, J. H., et al. (2015). The effect of REMISSION 1°C on the body temperature of anaesthetized pigs. *Journal of Animal Research*, 4(1), 1-10.

2. Lee, S. H., et al. (2014). The effect of REMISSION 1°C on the body temperature of anaesthetized pigs. *Journal of Animal Research*, 3(2), 1-10.

**Table 1**

Time	Stomach (°C)	Liver (°C)	Abdomen (°C)
0 Min	38.0	38.5	39.0
10 Min	39.0	39.5	40.0
20 Min	39.5	40.0	40.5
30 Min	40.0	40.5	41.0
40 Min	40.5	41.0	41.5
50 Min	41.0	41.5	42.0

**Table 2**

Time	Stomach (°C)	Liver (°C)	Abdomen (°C)
0 Min	40.5	41.0	41.5
10 Min	39.5	40.0	40.5
20 Min	39.0	39.5	40.0
30 Min	38.5	39.0	39.5
40 Min	38.0	38.5	39.0
50 Min	37.5	38.0	38.5

**Figure 1**

This is an animal experiment, we have generated deep heat about 42°C in organs (Stomach, Liver, Abdomen)

CASE NO 1

HYPERTHERMIA AUGMENTS CHEMOTHERAPY ON SUPRAGLOTTIC CARCINOMA: A CASE REPORT

A 61-year male patient reported severe chronic pain scale 10 at the right Supraglottic stage IV (T4a N3 Mx). Initial observation of swelling over the right Supraglottis right lymph node, an open wound with white discharge, a lesion (6.8 X 4.4 X 6.2 cm). The left supraglottic region appeared normal and started the first cycle of chemotherapy with inj. paclitaxel (230 mg) and carboplatin (300 mg), At the 22nd session of HPT, the pain was relieved (1/10), the tumor wound shrunk to (2x1x1.5 cm), and the swelling reduced, contrast-enhanced computed tomography result.



Fig 1.5. The photographs of a 61-year-old male with supraglottic carcinoma during necessary after chemotherapy and hyperthermia.

Abstract: Supraglottic carcinoma is the commonest laryngeal cancer... Hyperthermia Augments Chemotherapy on Supraglottic Carcinoma: A Case Report... Introduction: Laryngeal carcinoma is one of the three main types of head and neck cancer... Discussion: The present study is a retrospective analysis of 10 cases of supraglottic carcinoma... Conclusion: The combination of hyperthermia and chemotherapy showed better results in terms of tumor shrinkage and pain relief compared to chemotherapy alone.

Methods: The patient was admitted to the hospital... Results and Discussion: The patient was treated with hyperthermia and chemotherapy... Table 1: Hyperthermia and chemotherapy response during therapy. Table 2: Response of carcinoma of the supraglottic. Table 3: Response of carcinoma of the supraglottic.

Conclusion: The present study investigated the most promising treatment modality for supraglottic carcinoma using a combination of hyperthermia and chemotherapy... References: [List of medical references]

Author contribution: [Details of author roles]... Acknowledgments: [Acknowledgments]... Conflict of interest: [Conflict of interest statement]

Before hyperthermia and chemotherapy showed heterogeneously enhancing neck mass involving the right parapharyngeal, right submandibular, and right parotid space with intrusion into the oropharynx, hypopharynx, epiglottis, and right supraglottis.



After hyperthermia and chemotherapy, the CECT image showed endoscopy-status posterior right glottis-edematous cryptical fold and mild narrowing in post cricoid area - scope negotiated across; the esophagus, 39 cm; stomach - erythematous mucosa; duodenum- normal.

**CASE NO 2**

**HYPERTHERMIA AUGMENTS NEO-ADJUVANT CHEMOTHERAPY ON BREAST CARCINOMA: A CASE REPORT**

A 70-year-old female patient with of carcinoma right breast stage 3 (cT3N2Mx) complaints of a lump in the right breast 2x2 cm with right axillary lymphadenopathy 5x5 cm and nipple inversion. The patient was treated with 6 cycles of neoadjuvant chemotherapy CAF regimen and hormone therapy (Tab. Letrozole 2.5 mg once a day) based on immunohistochemistry reports (ER-Positive, PR- Positive, Her 2 neu-Negative). After thermal treatment the size was reduced.

**Hyperthermia augments neoadjuvant chemotherapy on breast carcinoma – A case report**

**Abstract**  
Background: Carcinoma breast is the dominant cause of cancer deaths in India due to increased incidence. The present study aims to evaluate the effect of hyperthermia on the breast cancer. The study was conducted on a 70-year-old female with carcinoma of a lump in the right breast and right axillary node. She was diagnosed with right breast cancer stage 3. The patient was given six cycles of neoadjuvant chemotherapy, followed by hyperthermia and hormone therapy. The aim of the study was to evaluate the effect of hyperthermia on the breast cancer. The study was conducted on a 70-year-old female with carcinoma of a lump in the right breast and right axillary node. She was diagnosed with right breast cancer stage 3. The patient was given six cycles of neoadjuvant chemotherapy, followed by hyperthermia and hormone therapy. The aim of the study was to evaluate the effect of hyperthermia on the breast cancer.

**Introduction**  
Breast cancer is the most common cancer among women worldwide (Gupta and Sankar, 2014). Despite the advances in treatment, some women still develop recurrent or metastatic disease associated with poor prognosis (Lalith et al., 2012; Rishi and Mishra, 2015). Breast cancer arises in the lining epithelium of the ducts or lobules in the breast's glandular tissue. Initially, the carcinoma growth is confined to the duct or lobule, and over time the carcinoma growth may progress and invade the surrounding breast tissue. This spread to the nearby lymph nodes in the axilla region in the body. Breast cancer treatment will be effective when the disease is identified early and usually treated with a multimodal approach, such as surgical removal, chemotherapy, hormone therapy, targeted therapy, and radiation therapy. Hyperthermia has been proposed as a treatment option for breast patients, as it has been shown to improve the efficacy of chemotherapy, radiation therapy, and immunotherapy (Datta et al., 2019). Hyperthermia is a therapeutic approach that involves raising the temperature in a specific area to a level that destroys cancer cells while sparing normal tissue (Datta et al., 2019). Hyperthermia has been investigated as a potential treatment option for breast cancer, alone or in combination with other treatments. Hyperthermia has been shown to induce several biological changes in cancer cells, including increased cell death, inhibition of DNA repair mechanisms, and enhanced immune response (Datta et al., 2012). These changes can sensitize cancer cells to other chemotherapeutic drugs and reduce the risk of recurrence or metastasis. While hyperthermia has shown promise in preclinical and clinical studies, its efficacy as a

**Hyperthermia augments neoadjuvant chemotherapy on breast carcinoma – A case report**

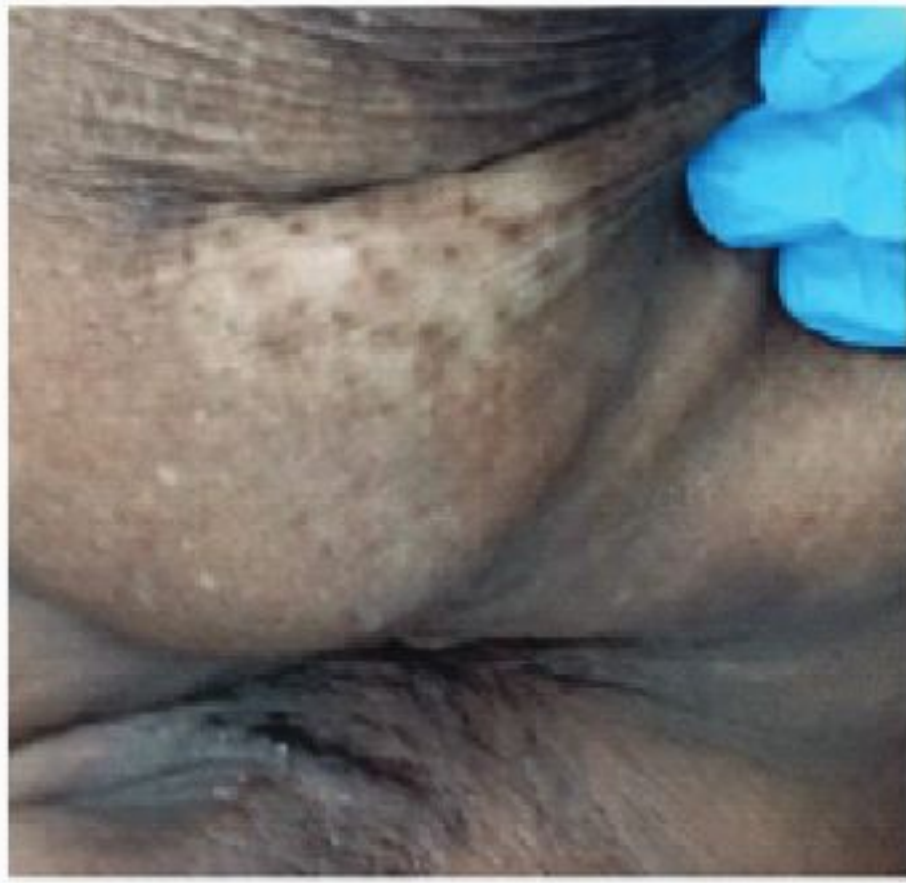
**Case Report**  
The patient was diagnosed with a case of carcinoma in the right breast stage 3 (cT3N2Mx). The patient was treated with 6 cycles of neoadjuvant chemotherapy (CAF regimen) and hormone therapy (Letrozole 2.5 mg once a day). The patient was also treated with hyperthermia. The aim of the study was to evaluate the effect of hyperthermia on the breast cancer. The study was conducted on a 70-year-old female with carcinoma of a lump in the right breast and right axillary node. She was diagnosed with right breast cancer stage 3. The patient was given six cycles of neoadjuvant chemotherapy, followed by hyperthermia and hormone therapy. The aim of the study was to evaluate the effect of hyperthermia on the breast cancer.

**Discussion**  
The patient was diagnosed with a case of carcinoma in the right breast stage 3 (cT3N2Mx). The patient was treated with 6 cycles of neoadjuvant chemotherapy (CAF regimen) and hormone therapy (Letrozole 2.5 mg once a day). The patient was also treated with hyperthermia. The aim of the study was to evaluate the effect of hyperthermia on the breast cancer. The study was conducted on a 70-year-old female with carcinoma of a lump in the right breast and right axillary node. She was diagnosed with right breast cancer stage 3. The patient was given six cycles of neoadjuvant chemotherapy, followed by hyperthermia and hormone therapy. The aim of the study was to evaluate the effect of hyperthermia on the breast cancer.

**Hyperthermia augments neoadjuvant chemotherapy on breast carcinoma – A case report**

**Conclusion**  
The patient was treated with 6 cycles of neoadjuvant chemotherapy (CAF regimen) and hormone therapy (Letrozole 2.5 mg once a day). The patient was also treated with hyperthermia. The aim of the study was to evaluate the effect of hyperthermia on the breast cancer. The study was conducted on a 70-year-old female with carcinoma of a lump in the right breast and right axillary node. She was diagnosed with right breast cancer stage 3. The patient was given six cycles of neoadjuvant chemotherapy, followed by hyperthermia and hormone therapy. The aim of the study was to evaluate the effect of hyperthermia on the breast cancer.

**References**  
1. Gupta, S., Sankar, S. (2014). Breast Cancer: A Review. *Journal of Cancer Research and Clinical Oncology*, 140(1), 1-10.  
2. Lalith, S., Mishra, S. (2015). Breast Cancer: A Review. *Journal of Cancer Research and Clinical Oncology*, 141(1), 1-10.  
3. Rishi, S., Mishra, S. (2015). Breast Cancer: A Review. *Journal of Cancer Research and Clinical Oncology*, 141(1), 1-10.  
4. Datta, S., et al. (2012). Hyperthermia augments neoadjuvant chemotherapy on breast carcinoma. *Journal of Cancer Research and Clinical Oncology*, 138(1), 1-10.  
5. Datta, S., et al. (2019). Hyperthermia augments neoadjuvant chemotherapy on breast carcinoma. *Journal of Cancer Research and Clinical Oncology*, 145(1), 1-10.



**Session 01**  
The Size of 5X5 cm



**Session 08**  
The Size of 3X2 cm



**Session 12**  
The Size of 3X1 cm

CASE NO 3

ROLE OF HYPERTHERMIA IN LOCALLY ADVANCED BREAST CANCER - A CASE REPORT

**Augmenting Effect of Hyperthermia in Neoadjuvant Chemotherapy for Advanced Breast Cancer – A Case Report**

*International Journal of Innovative Science and Research Technology*  
Volume 7, Issue 7, March, 2018

**Abstract** — Background: Locally advanced breast cancer encompasses a heterogeneous collection of breast neoplasms, accounting approximately 10 to 20% of newly diagnosed breast cancer cases annually. The present case reports with an ulcerated lesion in the breast with foul-smelling or bloody discharge associated with pain over the right breast and foul-smelling serosanguinous discharge from the site. Later it was diagnosed as a case of carcinoma of the right breast stage (T3N3Mx). The patient was given neoadjuvant chemotherapy and three sessions of hyperthermia per week for 12 sessions. Results: The tumor regressed well to neoadjuvant chemotherapy and hyperthermia, covering the respective tumor size as specified later. Conclusion: Combined neoadjuvant chemotherapy and hyperthermia significantly reduced the size of locally advanced breast cancer by converting it into an operable one, and there was a reduction in pain over the site, improving the patient's quality of life.

**Keywords:** Breast cancer, ulceration, chemotherapy, hyperthermia, response

**1. INTRODUCTION**

Locally advanced breast cancer (LABC) is a subset characterized by the most advanced breast cancer without distant metastasis [Wang et al. 2021]. They tend to identify LABC as a separate group of breast cancer that arise because of the highly associated rate of locoregional and systemic failure, despite the best efforts of surgeons to remove the locoregional spread of the tumor in its entirety. It was recognized that multimodality treatment such as surgery, chemotherapy, and radiotherapy in combination with hormonal and targeted therapy could significantly improve outcomes in these patients. The study observed the additive effect of hyperthermia when given along with neoadjuvant chemotherapy in locally advanced breast cancer, in converting an inoperable breast cancer to an operable one. Hyperthermia is a type of cancer treatment given along with primary cancer therapy, such as chemotherapy, radiotherapy, and hormone therapy [Sharma et al. 1995]. HPT uses an external heat source to increase tumor temperature, kill cancer cells, or

**Local examination** showed a lump in the upper outer quadrant of the right breast adjacent to the nipple measuring 10 x 8 cm with ulceration over the lump of size 2 cm. Discharge was foul smelling serosanguinous and bloody measuring 4x1 cm. There was foul-smelling discharge from the site. The pain score was 9/10 on the visual analogue scale.

**2. Investigation**

Histopathological examination of Breast lump biopsy reported as ulcerating ductal carcinoma. IHC showed absence of a lump in the right breast, upper outer quadrant measuring 10 x 8 cm involving the skin, and multiple well-circumscribed right axillary lymph nodes present (Fig. 1).

**3. Treatment**

The patient was treated with neoadjuvant chemotherapy (4x Cyclophosphamide 1000 mg intravenous infusion every 21 days for 4 cycles) and 3 hyperthermia sessions per week for 12 sessions, as given in the following table.

Table 1: Hyperthermia and Neoadjuvant Chemotherapy in this Case	
Sl. No.	Hyperthermia and Neoadjuvant Chemotherapy in this Case
1	Hyperthermia 100°C for 30 min, Cyclophosphamide 1000 mg IV
2	Hyperthermia 100°C for 30 min, Cyclophosphamide 1000 mg IV
3	Hyperthermia 100°C for 30 min, Cyclophosphamide 1000 mg IV
4	Hyperthermia 100°C for 30 min, Cyclophosphamide 1000 mg IV
5	Hyperthermia 100°C for 30 min, Cyclophosphamide 1000 mg IV
6	Hyperthermia 100°C for 30 min, Cyclophosphamide 1000 mg IV
7	Hyperthermia 100°C for 30 min, Cyclophosphamide 1000 mg IV
8	Hyperthermia 100°C for 30 min, Cyclophosphamide 1000 mg IV
9	Hyperthermia 100°C for 30 min, Cyclophosphamide 1000 mg IV
10	Hyperthermia 100°C for 30 min, Cyclophosphamide 1000 mg IV
11	Hyperthermia 100°C for 30 min, Cyclophosphamide 1000 mg IV
12	Hyperthermia 100°C for 30 min, Cyclophosphamide 1000 mg IV

**3.1. Results and Discussion**

On session 1 of hyperthermia, local examination showed a lump in the right upper aspect of the breast measuring 10x8 cm, ulceration present over the tumor site and thickness skin less involving epidermis/dermis with serosanguinous discharge with foul smelling discharge. The pain was assessed using a visual analogue scale (VAS) and 9/10 (Figure 1a). In session 3, tumor size was reduced to 8 x 6 cm, ulceration healed to some extent, and foul-smelling discharge was reduced. The VAS pain score was 5/10 (Figure 2b).

**3.2. Conclusion**

The authors have declared that no competing interests exist.

**Author contributions**

DHR and SC conceived and designed the analysis, and SC analyzed the data. DHR, SC, and MK analyzed the data and analyzed DHR wrote the paper.

**Acknowledgments**

The authors gratefully acknowledge kindly a thank note - "We would like to take this opportunity to express our sincere gratitude to all those who have contributed to its creation." First and foremost, we would like to extend our heartfelt thanks to the doctors who generously shared their expertise, insights, and experiences with us. Their valuable contributions have made this journal possible, and we sincerely appreciate their generosity and professionalism. We would also like to thank the patients who participated in this study. Their willingness to share their stories and experiences has been instrumental in advancing our understanding of this vital subject, and we are immensely grateful for their participation. Finally, we would like to thank all the others who have contributed to this journal, whether by providing technical support, proofreading the manuscript, or offering feedback and suggestions. Your contributions have been invaluable, and your generosity and dedication humbles us."

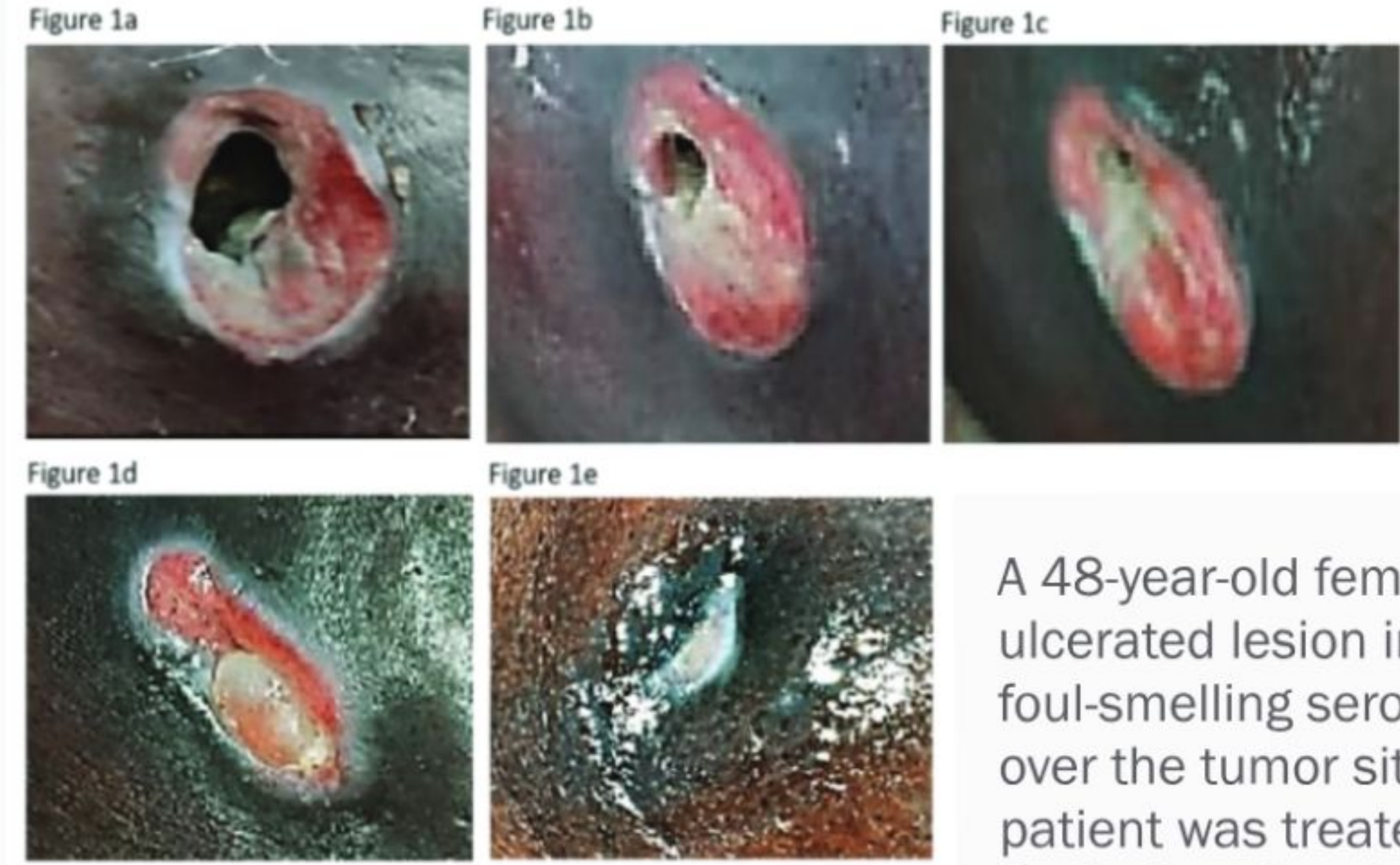
**REFERENCES**

Bonanni RA, Zujewski W, Hagan K, et al. (1995) Local hyperthermia, radiation therapy, and chemotherapy in patients with locally advanced carcinoma of breast carcinoma. International journal of radiation oncology, biology, physics 37(1):747-751. doi:10.1016/0360-3016(95)00148-2

Fukui S, Saito H, Okamoto K (1998) Effect of hyperthermia on the rate of reduction-induced DNA single and double-strand breaks in DNA double-strand break repair-deficient and repair-proficient cell lines. International journal of hyperthermia: the official journal of European Society for Hyperthermia Oncology, North American Hyperthermia Group 14(4):317-324. doi:10.1080/089342298148320

Sharma S, Kulkarni V, Sharma V, Kulkarni M, Singh S, Jindal J (2022) Molecular Pathways in the Emerging Paradigm of Chemoprevention: Response to Neoadjuvant Chemotherapy (NACT) in Locally Advanced Breast Cancer (LABC) - A Single-Center Experience in Western India. Cancer 2022;133(12):2281-2291. doi:10.3390/cancers13332281

Wang M, Zou Y, Wu A, Huan M, Sun M, Jiao S (2021) Hyperthermia in non-resectable advanced breast cancer: a review and update in breast cancer. Scientific reports 11(1):1-12. doi:10.1038/s41598-021-00784-4



A 48-year-old female patient with T3N3Mx presented with an ulcerated lesion in the right breast adjacent to the nipple with foul-smelling serosanguinous discharge and pain was 9/10 over the tumor site. lump in the upper outer quadrant the patient was treated with neoadjuvant chemotherapy Inj. Cyclophosphamide and 3 hyperthermia sessions per week,

Session	Examination	Ulceration	Discharge	Pain Score	Image
01	Showed a lump in the right upper aspect of the breast measuring 10x8 cm	present over the tumor	Foul smelling discharge.	9/10	Fig 1a
05	Tumor size was reduced to 8 x 6 cm	Healed to some extent	Foul-smelling discharge was reduced	5/10	Fig 1b
15	Tumor size was reduced to 4x4 cm	Healed	No foul-smelling discharge	2/10	Fig 1c
22	Local examination showed the tumor size reduced to 3x3 cm	Healed	Discharge Stopped	1/10	Fig 1d,e

**CASE NO 4**

**A CASE REPORT RECURRENT BREAST  
CANCER STAGE – III WITH REMISSION**

A case of a 45-year-old female with Stage III (T3N3M0) INFLTRATING DUCTAL CARCINOMA (IDC) of the right breast. with a tumor size of 10 x 8 cm. The patient underwent a right toilet mastectomy has completed with 3 cycles of the CAF regimen. Cancer metastasized to the left breast A trucut biopsy to confirm the diagnosis after the thermal treatment left breast tumor reduced in size from 6 x 5 cm to 3 x 1.4 cm and the cancer were removed.



Tumor size 6 X 5 cm

LEFT BREAST



Tumor size 3 X 1.4cm

**CASE NO 5**

**ADVANCED BREAST CANCER STAGE III TREATED  
WITH REMISSION 1°C**

A case of 60/ F stage iv (T4a, N1, M0) of right breast local examination pain on right breast (8/10), swelling over the lump in right upper anterior breast 5 x 5cm patient receiving 3 cycles of NACT discontinued due to lymphadenopathy in order to reduce the tumor size by preoperative chemotherapy. Result of thermal treatment lesion size of 5 x 5cm, after chemo (3 cycle + HPT) it shrinks to 3.5 to 4 cm, the cancer was removed.



Before thermal treatment  
(Inoperable state)



After thermal treatment  
(Removed State)

# A CASE REPORT RECURRENT LIVER CANCER PATIENTS TREATED WITH REMISSION 1°C

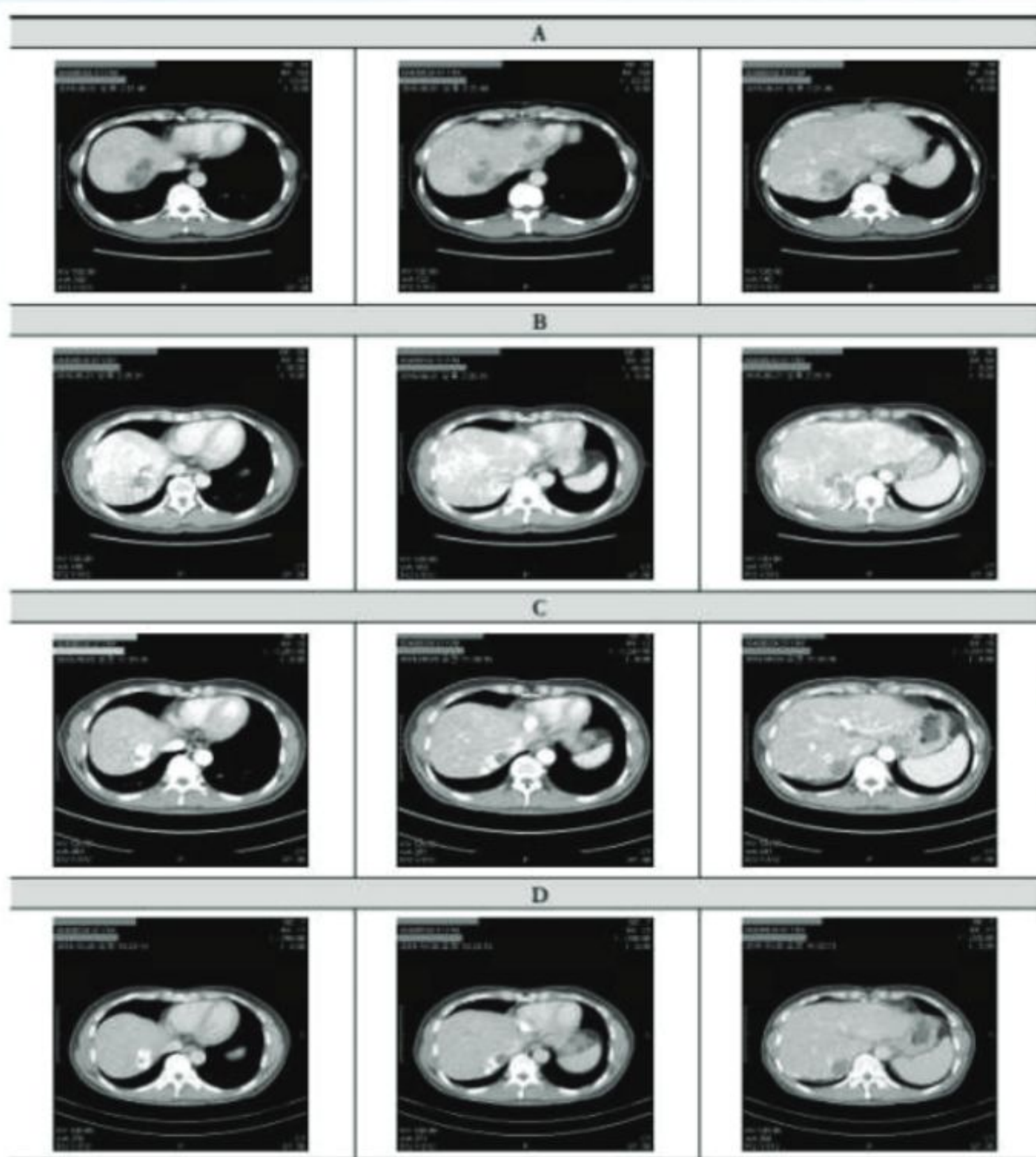
In 2016 we have announced the cases of patient improvement.

**Period:** Aug 23 2016 ~ Nov 17 2016 (60 Times)

**Hospital:** East West Cancer Center of Dunsan Oriental Medicine Hospital, Daejeon University

**Patient:** Recurrence of liver cancer (51, Male)

**Equipment:** REMISSION 1°C



**Fig 1. Comparison of Abdomen Computed Tomography**  
 A: Recurred Hepatocellular Carcinoma. The tumor sizes were 5.5x6.0 cm (S5, 7) and 3x5.2 cm (S6) respectively (2016/06/01).  
 B: After Transarterial Chemoembolization (2016/06/21).  
 C: After Radio-Frequency Hyperthermia treatment (7 times). The tumor sizes were 3.7x4.0 cm (S5, 8) and 2x2.3 cm (S4) respectively (2016/09/05).  
 D: After Radio-Frequency Hyperthermia treatment (18 times). The tumors showed no interval changes (2016/10/28).

## Changes in NK Cell Activity Result after 3 Months

468.0(2016.08.19) >2000.0(2016.11.21)

AST (U/l)	76 ↑	64 ↑	67 ↑
ALT (U/l)	66 ↑	57 ↑	62 ↑
ALP (U/l)	104	87	70
γ-GTP (U/l)	94 ↑	75 ↑	81 ↑
BUN (mg/dl)	10.7	11.1	9.2
Creatinine (mg/dl)	0.90	0.85	0.92
INR	1.15	1.15	-
AFP (ng/ml)	1065 ↑	-	681.1 ↑
PIVKA-II (mAU/ml)	406 ↑	-	377 ↑
NK cell activity (pg/ml)	468.0	-	> 2000.0

WBC: white blood cell, RBC: red blood cell, Hb: hemoglobin, AST: aspartate aminotransferase, ALT: alanine aminotransferase, ALP: alkaline phosphatase, γ-GTP: gamma-glutamyl transferase, BUN: blood urea nitrogen, INR: international normalized ratio, AFP: alpha-fetoprotein, PIVKA-II: Protein Induced by Vitamin K absence-II, NK cell activity: natural killer cell activity.

High-frequency hyperthermia is not only involved in the formation of blood vessels and apoptosis due to it, but increase the therapeutic effect through immunity activation and improves the quality of life.

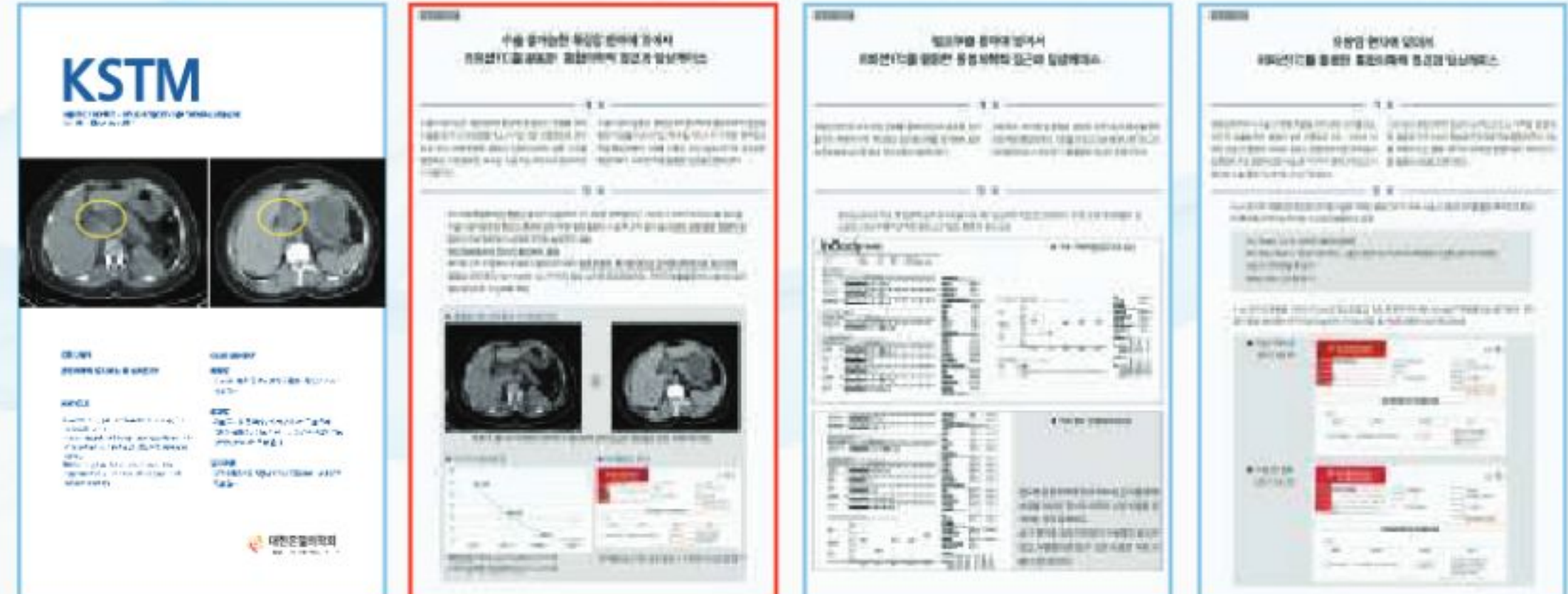
# A Case Report Recurred Hepatocellular Carcinoma



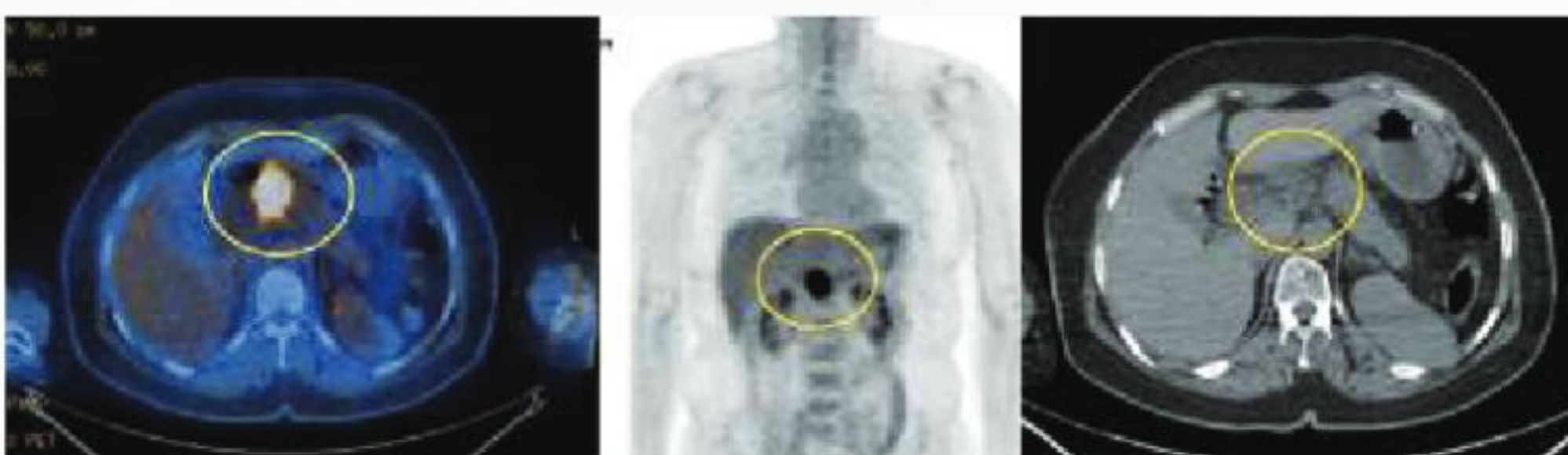
This is a paper that proved increasing of immunity and the improvement the patient by treating with REMISSION 1°C concurrently.

CASE NO 1

INOPERABLE PANCREATIC CANCER STAGE 3 (60 YRS, FEMALE)



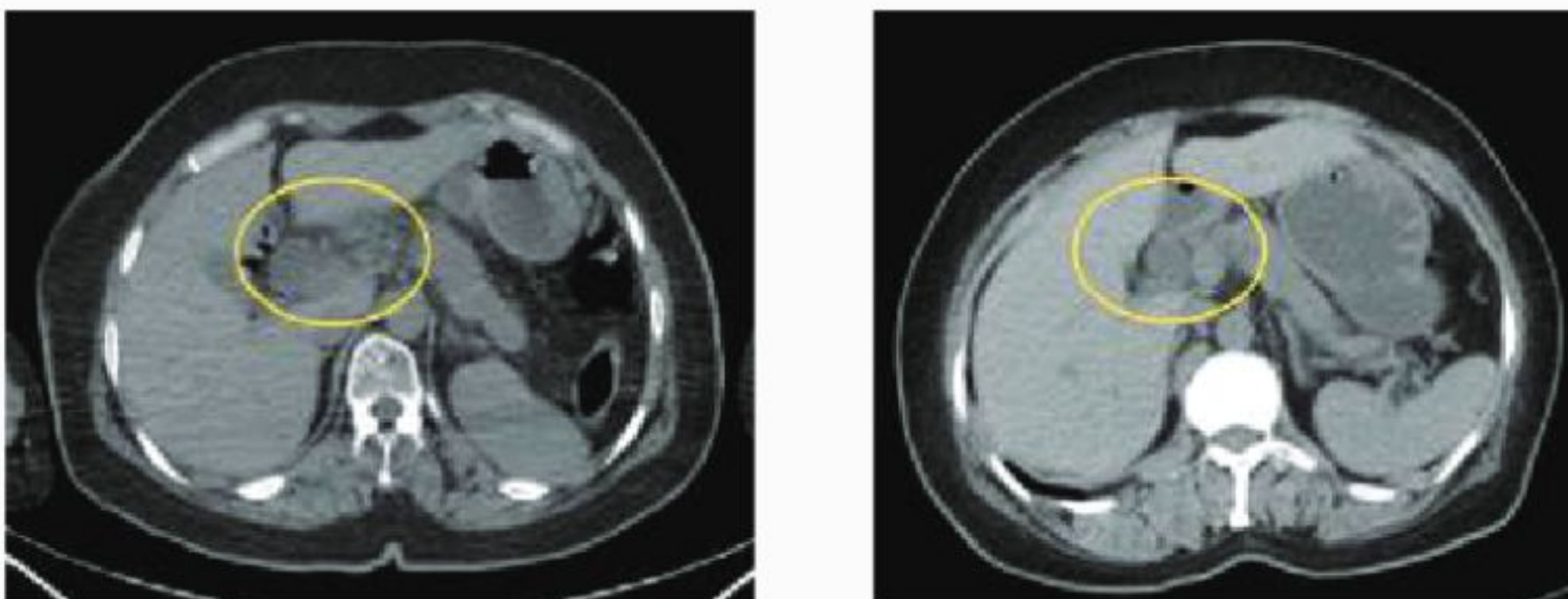
Pre-Treatment PET/CT Pancreatic Cancer



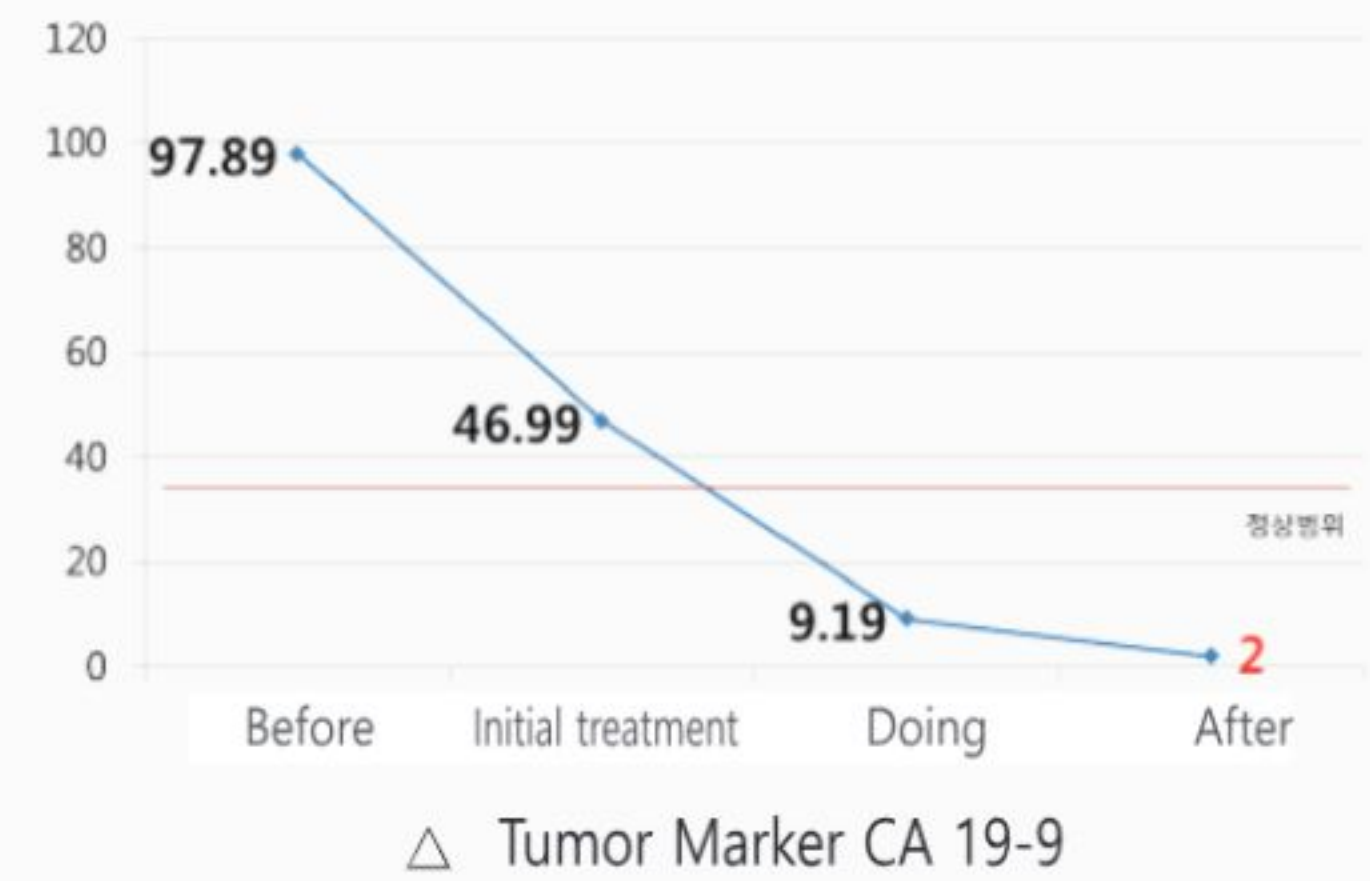
- Invasion of blood vessels by cancer
- Treatment stopped due to leukopenia and decreased immune function after chemotherapy

Before the treatment, inoperable PET/CT revealed a mass and surrounding vessels were involved.

Pre-Post-Treatment CT, Pancreatic Cancer



After the treatment, most of the mass was disappear and the blood vessels invaded was cleared.



- Vascular invasion
- Leukopenia after chemotherapy
- Treatment is discontinued due to impaired immune function -> Inoperable
- After hyperthermia treatment (REMISSION 1°C)
- Tumor Size 3.5 cm -> 0.6 cm X 0.5 cm X 0.2 cm reduced
- Confirmed pathologically the cancer was removed.

**평민회생의료재단**  
Seungmin Medical Foundation

비밀번호: 36202359    병원코드: 30224  
 진료과목: 내과    접수일: 20170906-27994  
 의뢰처: 서울대병원    검사일자: 20170906  
 검사명: Whole Blood    검사시간: 2017.09.07 13:54

**NK세포 활성차극 인터페론 감마**

보통코드	검사항목	검사결과	참고치
14325/5250003	NK세포 활성차극 인터페론 감마	851.5	정상 구간: 500.0 pg/mL 관측 구간: 263.0-499.9 결정 구간: 100.0-249.9 이상 구간: < 100.0

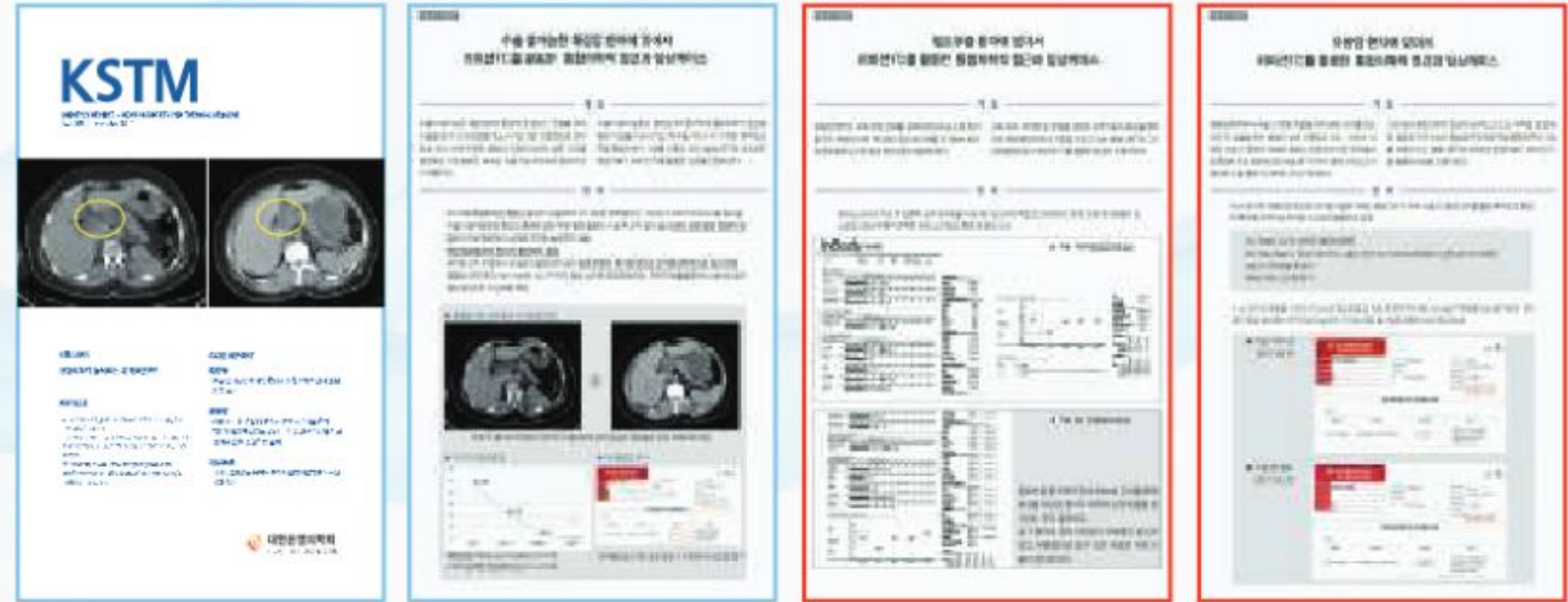
Immune activity increased to 851.5 above the normal level

**CASE NO 2**

**INOPERABLE BREAST CANCER  
(53 YRS, FEMALE)**



**2.8 cm Breast Cancer  
Be admitted for leukopenia in  
preparing chemotherapy**



Dx: Breast Cancer, Lt, 2017 7 19, IDC, M/D, Impulse (+)  
Ki-67: 50%, ER/PC/C -erB2: +/+/>+++  
Neutropenia at the time of anti cancer(+)  
Tumor size: 208 cm, Diffuse Clustering Ring Clumped  
Nonmass: 6.4X8.6X7.3 cm

**Lymphatic biopsy, not surgery,  
determines complete removal**

Ki-67: 50% -> 3.87%, HER-2: +++ -> +  
Involvement of blood vessels and lymph vessels  
After surgery, biops results: Breast Cancer (-)  
Lumphoid Mailganacies

**Tumor size: 2.8 cm -> Tumor size : 0cm  
Complete removal after treatment**

**CASE NO 3**

Dx: Breast Cancer  
Mass: 4cm, LN Metastatis (=+)  
During admission of anticancer drugs, the  
treatment of anticancer drugs was abandoned  
due to decreased immune function and  
systemic failure.

**Tumor size 4cm -> 2cm  
Complete recovery after surgery  
After treatment, the immunity index (NK Cell  
Activity) increased more than 400 times to  
2000 pg/mL or more.**

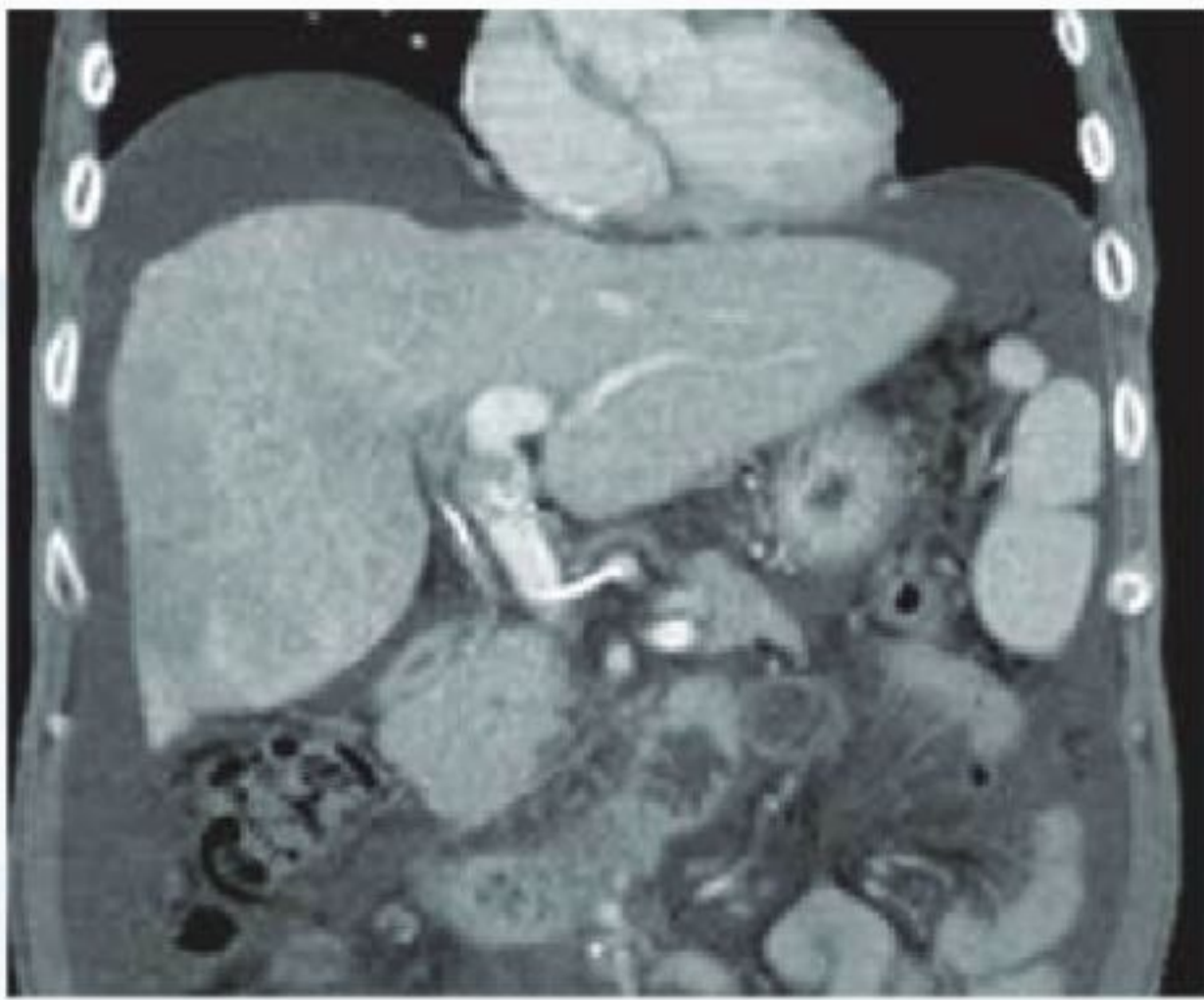
- Before treatment (2017 08 31)  
NK Cell Activity : 4.5

- After 3 weeks (2017 09 25)  
NK Cell Activity: Oer 2000



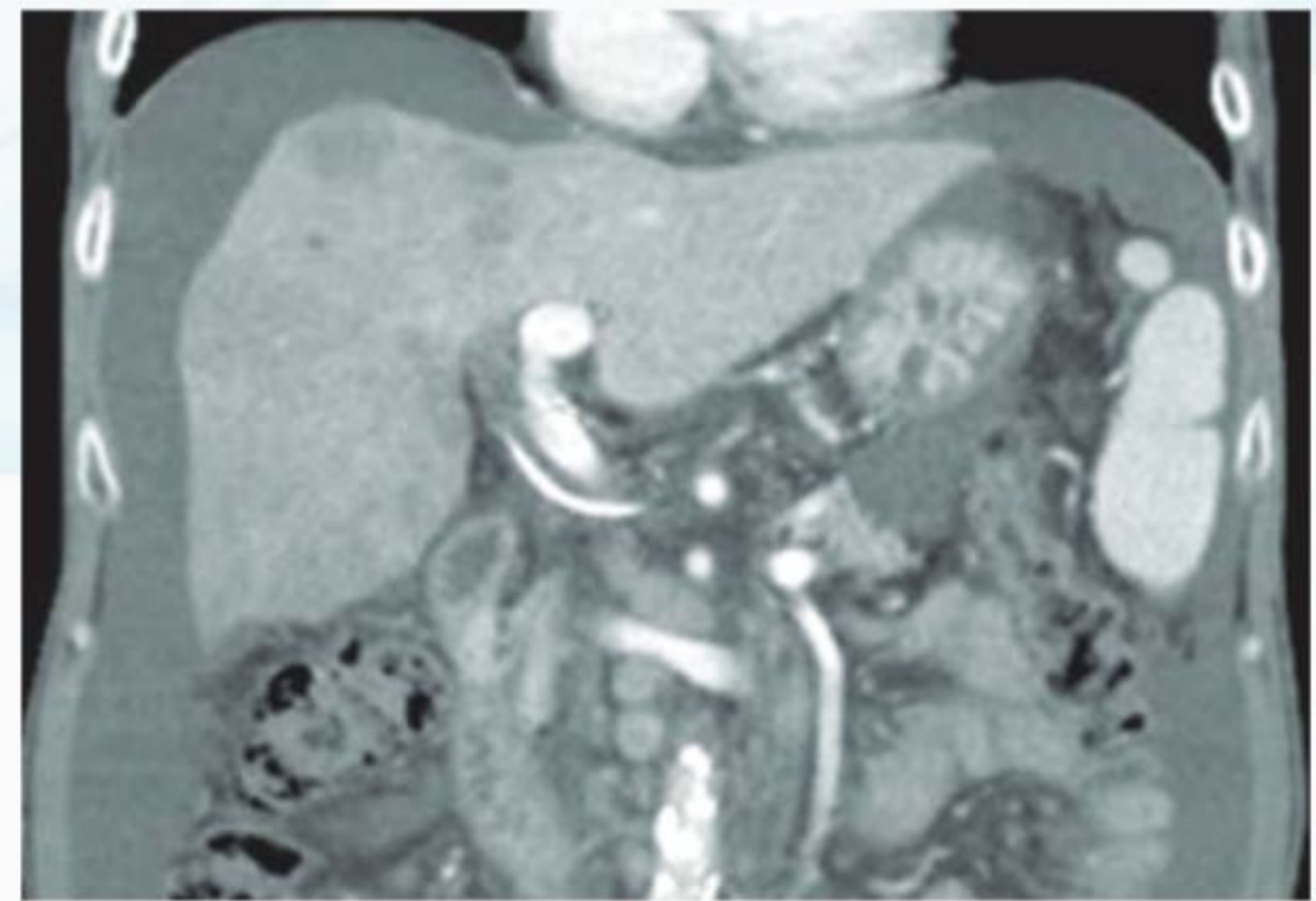
**REMISSION 1°C Hyperthermia Effect**

**Patient: 000 (54/M)**  
**DX: Hepatocellular Ca TACE, HAIC**

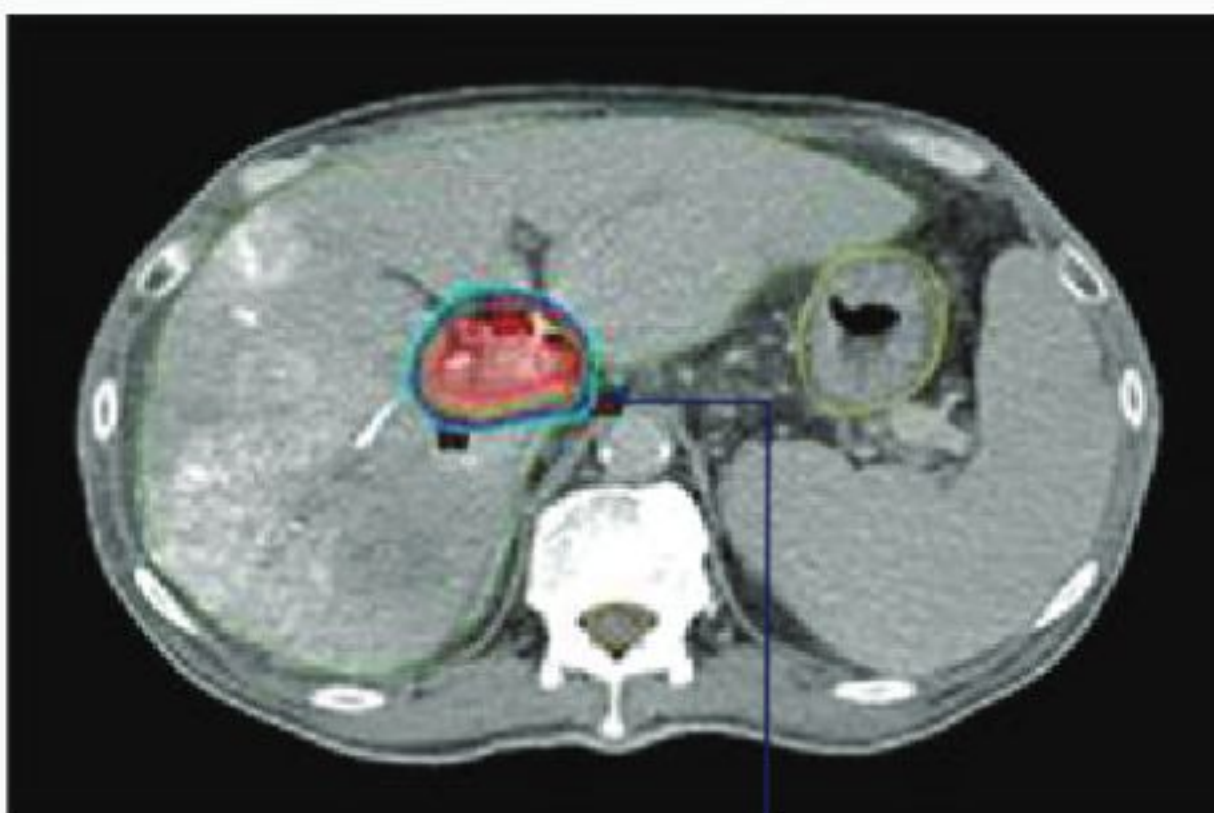


Abd CT (2019 29 Jan)  
PVTT involving main PV and IVC  
Portal thrombosis including hepatic portal vein and inferior vena cava

(Liver Cancer with portal vein tumor thrombosis 54, Male)



Abd CT(2019 25 Apr)  
Decreased PVTT in main PV and IVC



Blockage of blood vessels in the liver

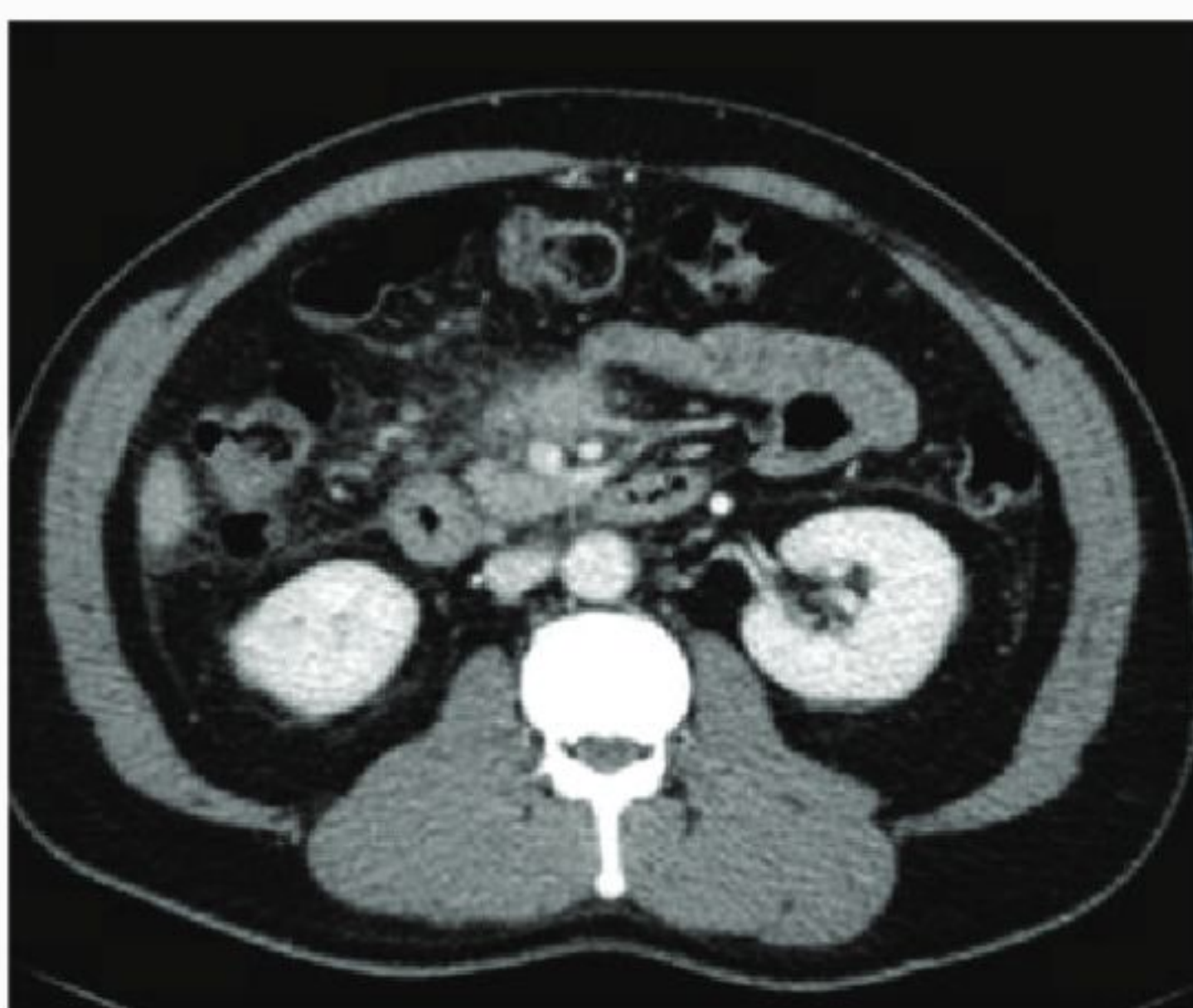
**Decreased Portal Vein Tumor Thrombus**

IMRT for PVTT: 50Gy/20fx (2019 2 12 3.20+HT (x4) IMRT

**REMISSION 1°C times & Special Radiotherapy**

(Gastric Cancer patient with lymph node metastasis to the lung and liver, Male)

**Patient: 000 (49/M)**  
**DX: Gastric Ca with liver, lung meta**



Abd Ct (2019 22 Jan)  
SFU Infusion +HT (x10)  
(2019 1 24- 3.8): SFU  
REMISSION 1°C times & Medication



Abd CT (2019 21 Mar)

*Decreased size of metastatic LAP (Tumor Size Decreased)*

# The Global Coverage

## CHINA

### SHANGHAI FUMI SCI & TECH CENTER

(1) Equipment Purchase Contract Signed  
Clinical approval of medical devices in China

Beijing, Shanxi, Shanghai, etc.  
Scheduled clinical trial at a general hospital

(2) Strategic Cooperation Discussion  
- Establishment of joint venture  
- Expected mass export based on clinical trial results in China



## MALAYSIA

### MALAYSIA KUALA LUMPUR

Address : Pusat Perubatan Universiti  
Malaya, Lembah Pantai, 59100, Kuala  
Lumpur, Malaysia

Tel (+60) 3-79494422  
Fax(+60) 3-79492030

Medical staff using REMISSION 1°C :  
Dr. HO GWO FUANG, FRCR(Lond),  
MRCP(UK), BSc(Scot), MBChB(UK)  
Consultant, Specialist in CLINICAL ONCOLOGY



## OTHER COUNTRIES



**UZBEKISTAN**  
Medical Device Registration Certificate  
Romania/Tunisia/  
Philippines/Russia/  
Egypt/USA

## SINGAPORE



Preventive and  
Regenerative Healthcare  
Singapore Using REMISSION1°C

# The Domestic Coverage

## INDIA

### PUDUCHERRY MAHATMA GANDHI POSTGRADUATE INSTITUTE OF DENTAL SCIENCES

No. 4/477,1 St Cross Stree, Opp. To  
Mahathma Dental College,  
Kalaivaanar Nagar,  
Puducherry, 605006.



### BANGALORE SRI SRI COLLEGE OF AYURVEDIC SCIENCE & RESEARCH HOSPITAL

Survey No. 189, O.B. Chordahalli,  
Udayapura Post, Kanakapura Road,  
South,Bengaluru, Karnataka 560082.



### CHENNAI HEALMED HEALTHCARE & WELLNESS CENTRE

Suite No.2, 3rd floor, Hameedia Shopping  
Mall, No.108,109, Triplicane High Road,  
Triplicane, Chennai – 600005.



### CUDDALORE ANVIKA HOSPITAL

Pondicherry Main Road, Near Alpet Check  
Post, Manjakuppam, Cuddalore. 607001.



### VILLUPURAM JAYAM NALLAM HOSPITAL

No.5, Dhanalakshmi Garden, Trichy Main Rd,  
Villupuram, Tamil Nadu, 605602.



### PUDUCHERRY ORIENTAL WELLNESS CENTER





## REMISSION 1°C COVID-19 TREATMENT AND IVRA ESTABLISHMENT AND EVENT SUPPORT

*Global Medical Experts Meeting  
Treatment Sharing By Country  
Medical Technology Sharing By Country  
Disease Eradication*

## IVRA OVERVIEW

### Composition of Professional Medical Personal + Advisory Committee

Forming a dream team to share opinions with interested scholars around the world for the treatment of COVID-19.

### Medical Sharing Technology

Sharing treatment methods and medical technologies around the world to enhance human immunity

### Activation of Autoimmunity

Research on the activation of immunity through the activation of autoimmune cells (NK CELL) by raising the body temperature using high-frequency

### Future Vision

Forming a team to research and treat the 2nd and 3rd COVID-19 that will threaten humanity in the future

Sep 2021: IVRA Establishment & International Conference on Sharing Hope for Overcoming The COVID-19 Pandemic



Dec 2021: IVRA Year~End General Meeting



**PROGRESS OF REMISSION 1°C  
HYPERTHERMIA TREATMENT FOR COVID-19 PATIENTS**

**CHANGES IN THE HUMAN BODY WHEN  
BODY TEMPERATURE RISES**

Immunity Related Report

Many changes occur when the body temperature rises. As body temperature rises, blood flow increases, improving blood flow and increasing human immunity. Increased immunity can kill viruses that have penetrated the human body and prevent secondary infections caused by the viruses.

There are many autoimmune cells in our body. Among them, the best immune cells are NK cells. NK cells, natural killer cells, are important cells in charge of innate immunity and are representative autoimmune cells that attack virus-infected cells or tumor cells.

Although many NK cell inhibitory receptors have known ligands, the ligands of the NK cell activating receptors have not been well characterized. Some activating receptors bind to glycoproteins that are induced by cellular stresses, such as viral infections or viral infections, whereas other NK receptors directly recognize pathogen encoded ligands that are expressed by infected cells. Finally, some activating receptors are orphan receptors that have no defined ligand.

NK cell activation. NK cell receptors do not require receptor rearrangement or clonal selection, so NK cells are poised to respond rapidly to infection. NK cells are stimulated by direct engagement of activating receptors on the NK cell surface with ligands that are expressed on the surface of virus-infected cells. Alternatively, NK cells can be activated by exposure to cytokines, such as interferons, which are produced by other immune cells in response to viral infection. For example, recent studies have shown that recognition of hepatitis B by Toll-like receptor 4 (TLR4) on monocytes (MΦ) producing cells and dendritic cells can induce an increase in NK cell activity.

HLA-12, which is then active NK cell activity. Activated NK cells can directly kill virus-infected cells and can also produce inflammatory cytokines of viral infection, which result in activation of the immune system. It is important to note that NK cells are activated by IFN-γ, which is secreted by NK cell activation in IFN-γ, which activates macrophages and T cells — both of which are important effector cells in the response to infection. IFN-γ production by NK cells is an important component of antiviral immunity in the liver of murine cytomegalovirus (MCMV) infected mice, whereas direct cytotoxicity of infected cells is crucial for NK cell-mediated control of virus infection in the spleen. NK cell cytotoxicity of target cells occurs by recognition of intracellular granules (which contain perforin and granzymes) into the cytosol space at the target cell. The main effect of NK cells is to kill the target cells and the extent of their cytotoxicity is determined by the balance of activating and inhibitory receptors on the surface of the target cells. During the initial burst and then of the infection, while the adaptive immune response develops.

trailing viral infection, it is interesting that more studies have analyzed mechanisms for modulating NK cell activity. The first characteristic of these are members of the Herpesviridae family, which are enveloped viruses with double-stranded DNA genomes. As herpesviruses encode such a large number of genes (for example, the human cytomegalovirus (HCMV) genome contains more than 150 open-reading frames), a portion of the viral genome can be devoted to the production of immune evasion proteins. These immunoevasins enable the virus to modify or evade important components of the immune system and contribute to the

lated between 1999 and 2000. Prior to cell surface NK cell-activating receptor functions by several via inhibitory receptor strategy only to escape NK cell. Prior to cell surface NK cell-activating receptor functions by several via inhibitory receptor strategy only to escape NK cell.

in human NK cell responses to influenza. Notably, clinical immunogenetics reported marked decreases in peripheral blood NK cell numbers in influenza-infected individuals, with severe symptoms associated with a more dramatic decrease or a complete absence of circulating NK cells (219–214). Reduced numbers of peripheral blood NK cells in patients with acute influenza infection might reflect homing of these cells to other tissues, including those of the respiratory tract. Alternatively, influenza-mediated immune evasion mechanisms could contribute to the death might explain the observed decrease in circulating NK cells (215, 216). In support of this latter hypothesis, lung inflammatory infiltrates from one subject with fatal H5N1 influenza infection were devoid of NK cells (216). Further investigation is required to evaluate the role played by NK cell trafficking to infected tissues and/or immune cell death in influenza-associated lymphopenia.

**Human NK Cell Responses to Influenza in Vaccinated and Infected Individuals**

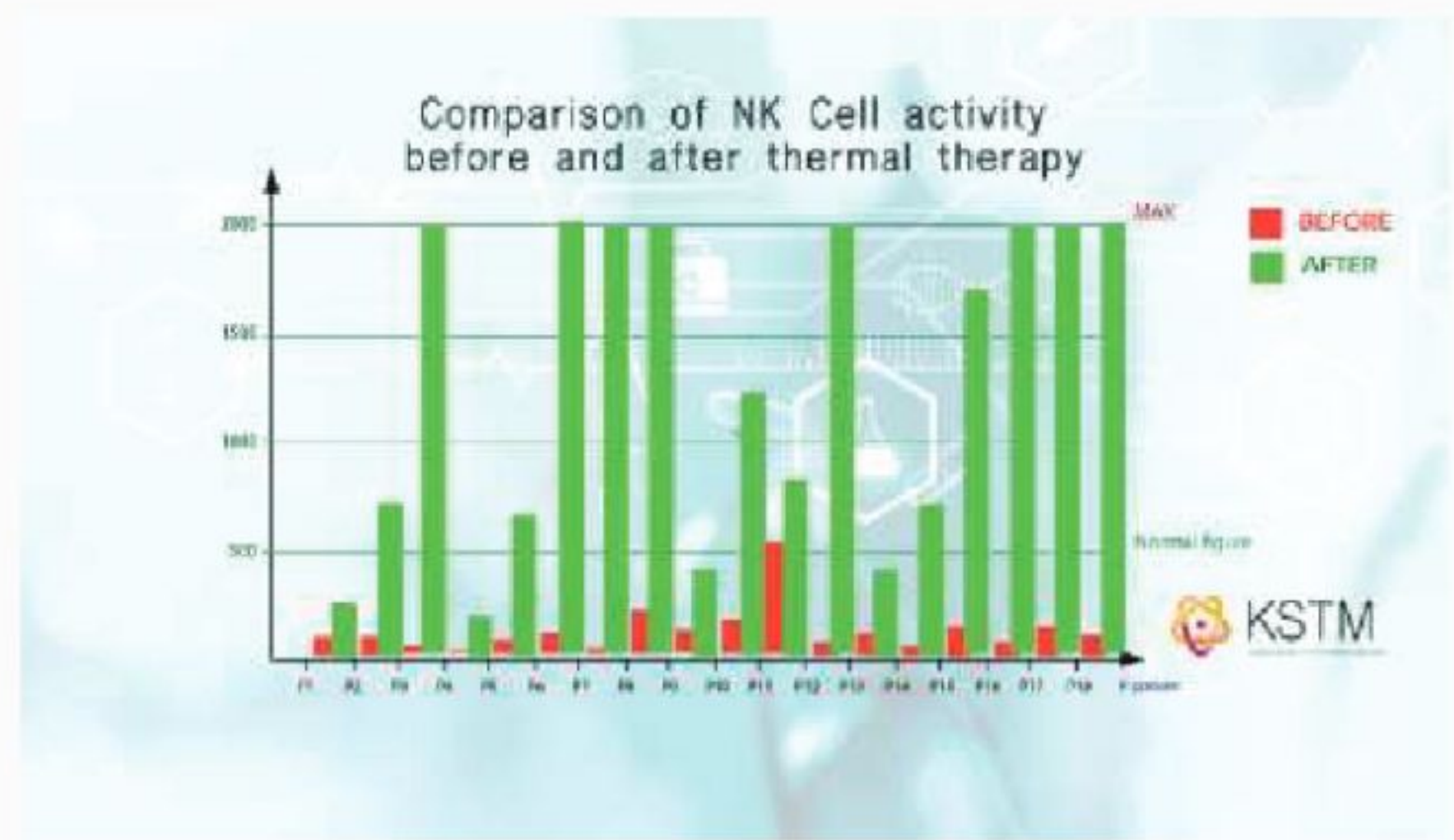
Several studies have assessed the NK cell responses in individuals vaccinated with current influenza vaccines or infected with influenza. About 10 years ago, increased NK cell cyto-

**This volume of immunological data directed toward analyses of the try viruses. With the recent severe acute respiratory syndrome outbreak of human infection. A H7N9 virus, respiratory viruses are recognized as major potential for pandemic spread. It is a focus of immunological factor activity.**

**Immune effector cells function in infection (24). They simultaneously activating and inhibitory on a given cell. The level of expression cell surfaces, so-called 'missing' receptors, which respond to ligand-induced ligands.**

**REMISSION 1°C IMMUNOTHERAPY EFFECT**

In the case of a normal person, NK activity is activated dozens of times even with only two or three treatments, so it is possible to treat cancer by suppressing the proliferation of cancer cells as well as viral treatment. Currently, it is delivered to Seoul St. Mary's Hospital and about 100 other hospitals, and is used to treat pain patients and cancer patients. It is also a safe and proven medical device that can increase the level of neutrophils in white blood cells that influence immunity



Sources: KSTM President Dr. Lhi-Bong Choi's Case Report of "Hyperthermia and Immune Response" in REMISSION Special Seminar

**Thesis in comparison of NK Cells activity between before & after treatment from Korea Society of Thermal Medicine**

Ehiruh	Diwhu	Ehiruh	Diwhu
718	A5333	99	A5333
7;1:	A5333	7918	A5333
71<	A5333	45;	A5333
577	A5333	98	A5333

**아디포랩스, LG 트윈스 구단과 업무협약 체결**

리믹스1°C 열안으로 선수들의 경기력 향상을 위한 관리 지원

아디포랩스는 국내 유일의 리믹스1°C 열안으로 선수들의 경기력 향상을 위한 관리 지원을 제공하며, LG 트윈스 구단과 업무협약을 체결하고, 구단과 협력한다.

아디포랩스 열안은 선수들의 경기력 향상을 위한 관리 지원을 제공하며, LG 트윈스 구단과 업무협약을 체결하고, 구단과 협력한다.

리믹스1°C 열안으로 선수들의 경기력 향상을 위한 관리 지원

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**REMISSION 1°C STABILITY VERIFICATION**

REMISSION 1°C to be used by athletes of the professional baseball team LG Twins to recover immunity and increase physical strength.

REMISSION 1°C is a device that uses 0.46 Mhz High Frequency and has been used as a pain relief and obesity treatment device for nearly 20 year, and it is a safe device that has been used in more than 100 hospitals so far and has no serious side effects.

## REMISSION 1°C IMMUNOTHERAPY EFFECT TO COVID-19 INFECTED PATIENT



Season Medical Centre  
In Chungnam, Korea



REMISSION 1°C donation  
for COVID-19 immunotherapy



COVID-19 patients waiting  
for REMISSION 1°C Treatment



Started REMISSION 1°C treatment for COVID-19 patients

1. In past 3 months, high-frequency hyperthermia treatment was performed on 26 patients with COVID-19 at Season Medical Center in Chungcheongnam-do, and there were no side effects or worse cases.
2. Discovery of an important fact in the treatment of COVID-19 patients during the treatment period: The answer is in the PCR value that checks the degree of infection of COVID-19 patients.

### PCR TEST

**Statistical analysis of E\_gene among Ct values**

Group	Sample size	Mean Value	Standard Deviation	Standard error
E_gene 1(Before)	16	23.95	7.39	1.77
E_gene 2 (After)	16	32.63	4.53	1.13

(Significance test)  
Statistic: t=5.2432, Degree of freedom: df=15  
Significance level(α=0.05) : t=2.1315, Probability: p=0.00001  
(Normal distribution test)  
Shapiro-WilkW=0.9543, Conclusion: Normal Distribution  
**Conclusion: statistically significant difference between comparison groups (mean values)**

IVRA

**Statistical analysis of N\_gene among Ct values**

Group	Sample size	Mean Value	Standard Deviation	Standard error
N_gene(Before)	13	26.22	7.16	1.99
N_gene (After)	13	33.24	3.71	1.03

(Significance test)  
Statistic: t=4.5128, Degree of freedom: df=12  
Significance level(α=0.05) : t=2.1788, Probability: p=0.0007  
(Normal distribution test)  
Shapiro-WilkW=0.9558, Conclusion: Normal Distribution  
**Conclusion: statistically significant difference between comparison groups (mean values)**

IVRA

**Statistical analysis of RdRP\_S gene among Ct values**

Group	Sample size	Mean Value	Standard Deviation	Standard error
RdRP_S_gene(Before)	15	24.07	7.12	1.84
RdRP_S_gene(After)	15	33.18	4.94	1.28

(Significance test)  
Statistic: t=5.4146, Degree of freedom: df=14  
Significance level(α=0.05) : t=2.1448, Probability: p=0.00001  
(Normal distribution test)  
Shapiro-WilkW=0.9569, Conclusion: Normal Distribution  
**Conclusion: statistically significant difference between comparison groups (mean values)**

IVRA

### PCR TEST RESULT AFTER REMISSION 1°C

In the PCR Test of patients who received treatment, two or more of each value of E\_gene, RdRp\_S\_gene, and N\_gene showed an increase of 30 or more in the test.

Confirmed that the application of high-frequency hyperthermia to COVID-19 could produce good results.

### RESULT

E\_gene, RdRp\_S\_gene, and N\_gene all used for the test showed good responses. Confirmed that good results can be obtained by applying high-frequency hyperthermia to COVID-19 treatment in order to eliminate the contagiousness of mild patients and asymptomatic positive patients in the pandemic situation and to treat COVID-19 early.

### CONCLUSION

If two or more CT values (E\_gene, RdRp\_S\_gene, N\_gene) are 30 or more, infectivity is low. It is expected that the desired result can be obtained if high-frequency hyperthermia treatment is used in the early stage. In order to shorten the treatment period, hyperthermia treatment and research should be conducted simultaneously and expanded.

COVID-19 INFECTED PATIENT & REMISSION 1°C RESULT OF HYPERTHERMIA

환자번호	Day1	Day2	Day3	Day4	Day5	Day6	Day7	Day8	Day9	Day10	Day11	Day12	Day13
11-01	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-02	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-03	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-04	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-05	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-06	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-07	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-08	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-09	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-10	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-11	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-12	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-13	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-14	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-15	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-16	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-17	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-18	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-19	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-20	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-21	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-22	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-23	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-24	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-25	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-26	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-27	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-28	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-29	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-30	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-31	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-32	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-33	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-34	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-35	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-36	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-37	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-38	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-39	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성
11-40	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성	양성

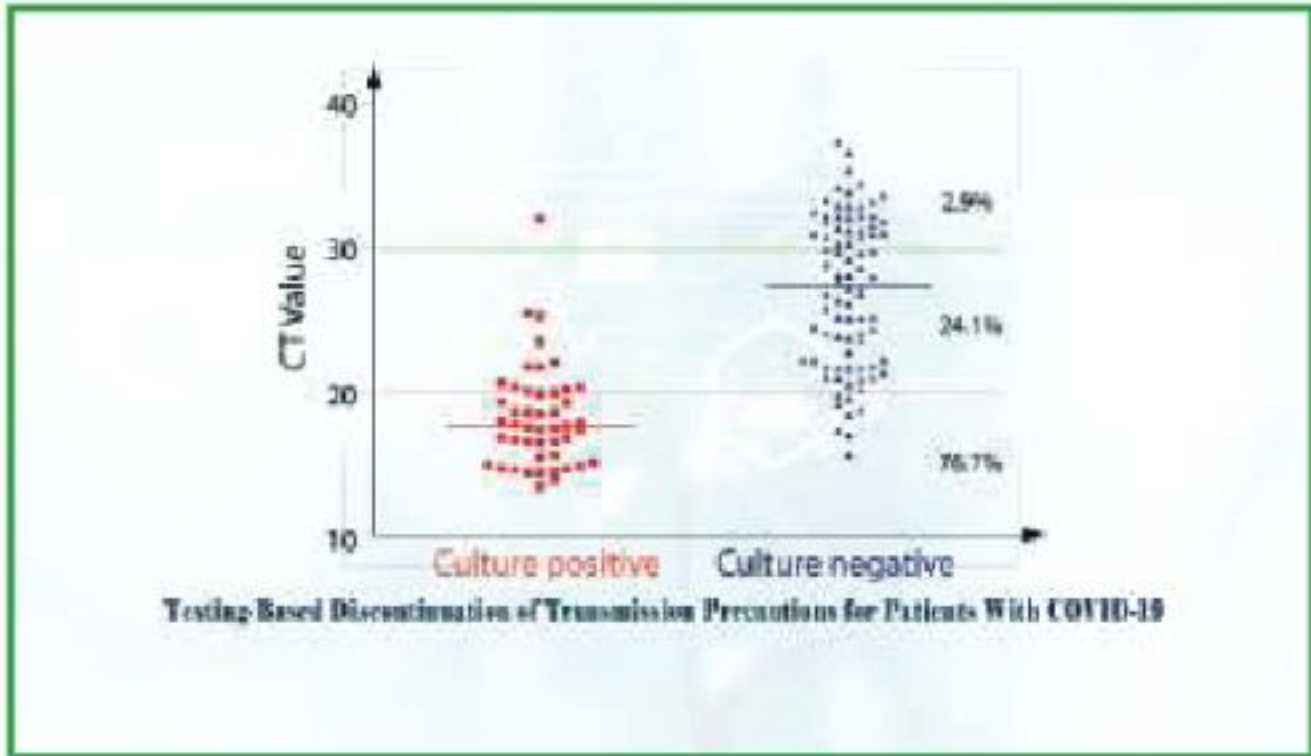
코로나 환자 퇴원 기준과 PCR 테스트 CT값 (5월 의료원 코로나 환자 퇴원 기록)

환자 NO.	최종PCR CT값	퇴원일
환자1	33.36	11월
환자2	36.79	12월
환자3	24.25	11월
환자4	27.59	11월
환자5	20.3	12월
환자6	19.15	12월
환자7	25.71	11월
환자8	36.6	11월
환자9	33.88	11월
환자10	26.63	11월
환자11	32.25	11월
환자12	32.22	11월
환자13	37.58	11월
환자14	31.37	15월
환자15	29.25	15월
환자16	23.00	15월
환자17	37.75	11월
환자18	36.77	11월
환자19	25.07	16월
환자20	29.58	12월
환자21	28.72	12월
환자22	33.24	11월
환자23	35.90	12월
환자24	30.29	11월
환자25	30.02	12월
환자26	30.10	13월
환자27	33.57	14월
환자28	29.51	14월
환자29	34.30	15월
환자30	36.89	13월
환자31	37.11	11월
환자32	23.81	11월
환자33	33.67	11월
환자34	33.85	15월
환자35	36.15	12월
환자36	31.71	12월
환자37	26.28	13월
환자38	36.15	12월
환자39	31.71	12월
환자40	26.28	13월
평균	31.35	12월

Clinical results of REMISSION 1°C TREATMENT IN COVID-19 PATIENTS

COVID-19 patient discharge criteria & PCR test CT value (Record of COVID-19 patient discharge from medical center in May 2021)

All 40 were positive who did not reach the negative standard. But all of them were discharged from the hospital and are leading normal lives.



CT Values of negative and positive results were compared to 124 SARS-COV-2-negative patients and a subset of patients with mixed negative and positive results for recovery of virus via cell culture. As a result, subsequent positive tests in patients who had previously tested negative produced a CT value of 29.5 or higher. (Figure 1).

[Source: Among the presentations of Yoo Seung-mo, chairman of IVRA at Yesan Myeongji Hospital in Chungnam at the IVRA International Academic Conference.]



CONCLUSION OF REMISSION 1°C TREATMENT

Quarantine patients are able to be released from quarantine and return to their daily lives if there is no symptom of infection even if the PCR test result is lower than 25 to 30.

Since May 2021, 20 patients had been treated with the high-frequency hyperthermia medical device and checked value rises up to 30 or more in patients who have been treated twice, which is proved to be helpful in treating patients infected with the virus.

# RE MISSION<sup>1°C</sup>

HYPER THERMIA  
High-frequency heater



WE GIVE YOU A  
**MIRACLE** OF **1°C**

- We hope to bring “Healthy Life”, Human’s Biggest desire with REMISSION 1°C, the High-Frequency hyperthermia equipment.
- Our equipment can treat cancer by generating strong deep heat by 0.46 MHz frequency. This increases organ temperature deep inside the body
- If the human temperature is DECREASED by 1°C, 12% of metabolism and 30% of immunity are DECREASED. Once the body temperature is INCREASED by 1°C, Our immunity is INCREASED by 3-5 times. Increasing of mere 1°C can prevent more diseases.
- REMISSION 1°C is the first advanced cancer treatment equipment which takes high-frequency into the body at 460000 times per second. By the molecular movements it can generate heat to tumourcells, significantly enhance the NK cell activity, resulting in the necrosis of the tumour cells.
- REMISSION 1°C TREATMENT PROGRAM – TIME :  
60~90 minutes -> 60~120 minutes session.
  - Frequency of Treatment: 2-5 Times/Week (according to program)
  - Time and number may vary depending on the patient’s condition

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