

Test Result

1) Emissivity and Emissivity Energy

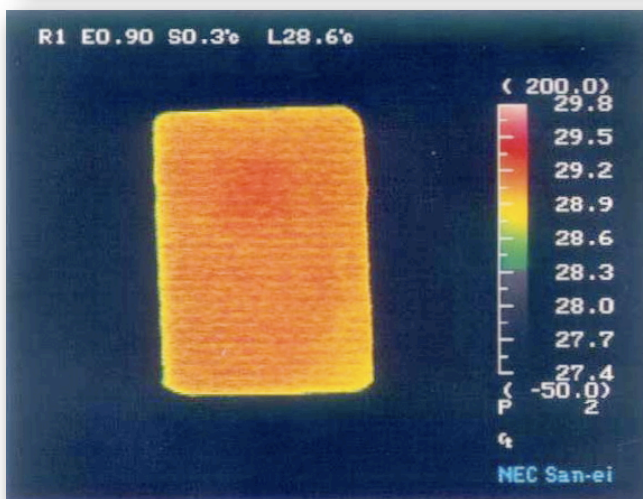
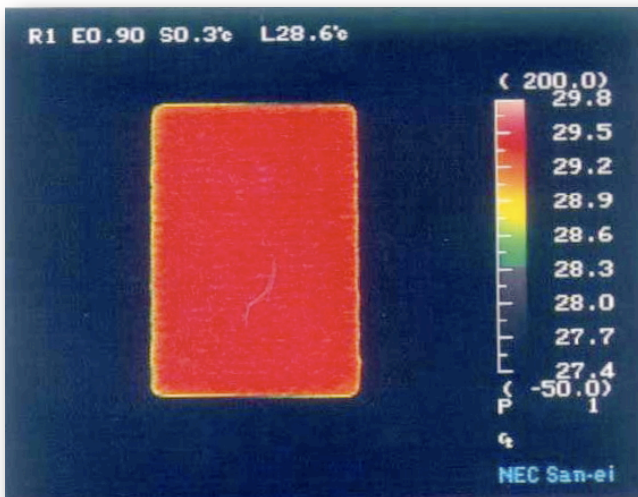
The experimental results were measured in comparison with black body by using the FT-IR Spectrometer.

EMISSIVITY (5 ~ 20 μ m)	EMISSIVITY ENERGY (W/m ² μ m, 37°C)
0.905	3.49 x 10 ²

Measured by the Korea Far Infrared Ray Association as the official test organization.

2) Thermal Image Photography

Measured by the Korea Far Infrared Ray Association as the official test organization



3) Clinical Effect

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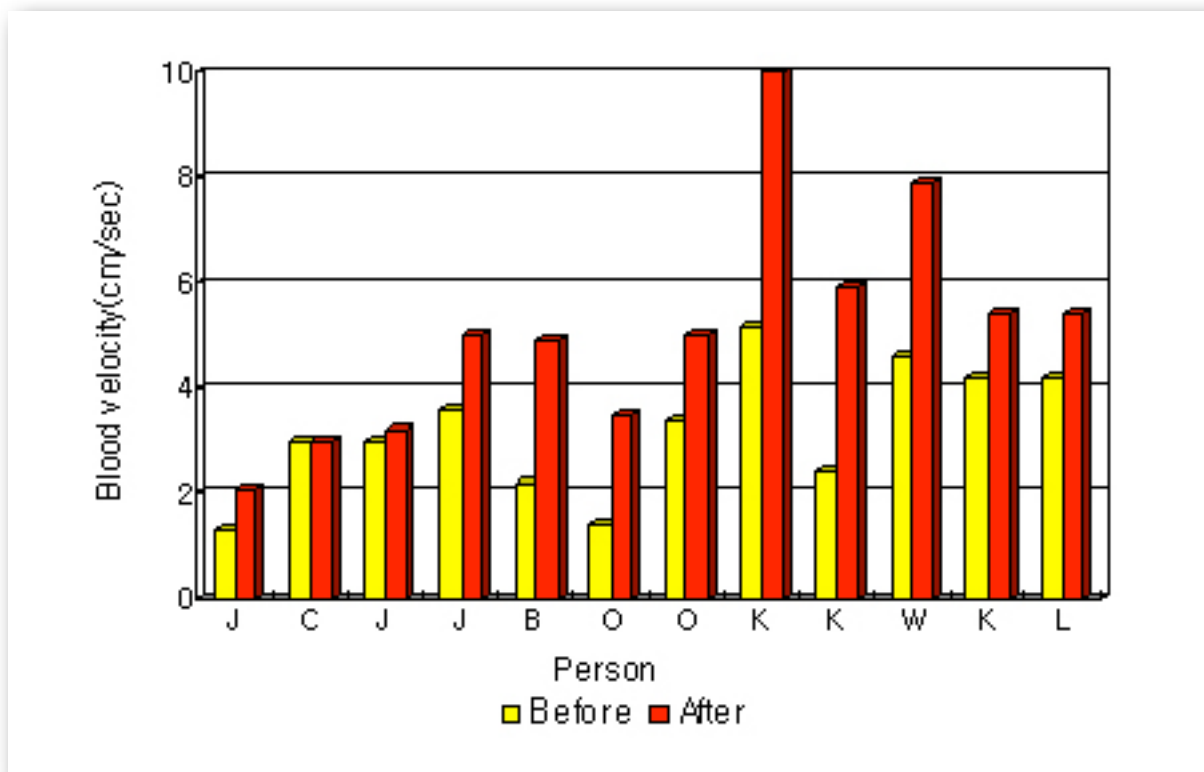
Introduction

The purpose of this study is to evaluate the clinical effects of FIR Health Card to the peripheral arterial flow of human body

Result

Item	Before			After			Increase Rate(%)		
	PK	MN	HR	PK	MN	HR	PK	MN	HR
FIR Health Card	11.5	3.8	78.1	12.8	4.7	81.4	12	22	4

Note) PK : Peak Velocity(cm/sec), MN : Mean Velocity(cm/sec), HR : Heart Rate



Conclusion

-The effect of bio healthy card to the flow of radial artery

Peak flow velocity of blood means the point of maximum flow of blood per unit time, i.e. cm/sec. So we consider the increase of peak flow velocity as the increase of blood amount to the tissue clinically. and mean velocity of blood is the average result of several beats of blood flow per unit time. The clinical implication of mean velocity of blood is more important than that of peak velocity.

When we applied the health card to the specimen, we found the increase of mean velocity of blood, which was measured by doppler.

The change of heart rate was not significant.

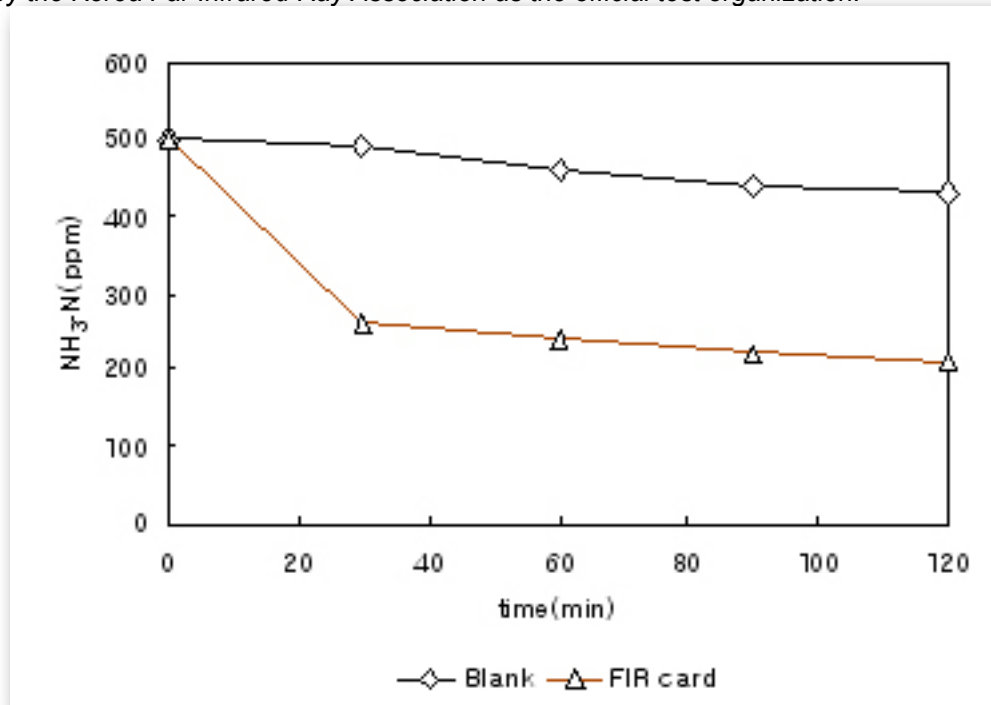
4) Deodorization Effect

Method : KFIA-FI-1004

Test Gas : Ammonia

Instrument : Gas tank

Measured by the Korea Far Infrared Ray Association as the official test organization.



5) Bio information Resonance System analysis(BRS)

This table shows the relationship between the human body and the FIR healthy card. The numbers in table means the difference when the card over the chest wall of the heart, As the difference between the ordinary and the bio increases, the good effects to the human body increase

When the card over the chest wall of the heart,

- the immunization(homeostasis) increased 12.5%,
- the blood circulation increased 16.7%,
- the good effects concerning stress and fatigue increased 300 and 133% respectively.

