

17. Pilot Thalasso Therapy by Using Deep Sea Water

Young-Duk Kim, Han Lee, Hyung-Seok Mun, Dong-Gyo Kim
(Catholic Kwandong University, Korea)

1. Introduction

The rapid increasing of the elderly population is accompanied rising of geriatric lifestyle disease. This disease needs continuously cure and management. Deep Sea water thalasso therapy are known as one of effective therapy method for them. However, in Korea, the therapy using deep sea water(DSP) is almost not in there.

This project was focused on developing of the thalasso therapy technology and facility design, and creating of demand of deep sea water,. The overview of the program performed at the Pilot Thalasso therapy Center is showed in here, which was conducted at Choksan spa in Sokcho city of Korea.

2. Deep sea water Tharasso Therapy program

In the therapy program, we analyzed and benchmarked the current status of thalasso therapy centers on France, Israel, and Japan, which operate the centers. Afetr them, we designed and constructed a deep sea water thalasso therapy center newly in Korea. In addition, the program was involved many reserchers to develop health promotion programs. This Deep Sea Water pilot program is as follows.

Concentration-controlled WATSU, Water Jet/ Bubble therapy, Suspended DSP Particle's Sauna, Count walking therapy of water flow and etcs.(Fig. 1,2,3)



Fig.1 Bubble therapy pogram



Fig.2 Water walking program

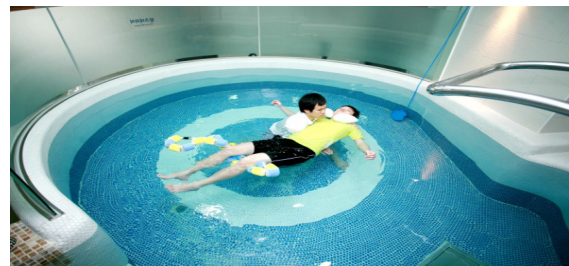


Fig.3. WATSU program

3. Conclusion

In this deep sea water therapy project, we developed of some techniques of the treatment and design and construction. We hope that the technologies will contribute on revitalization of deep sea water industry and regional economic development.