

THE SEVENTEENTH ANNUAL CONFERENCE OF THE JAPANESE BALNEO-CLIMATOLOGICAL SOCIETY

The seventeenth annual conference of the Japanese Balneo-Climatological Society was held at Misasa Spa, Tottori Prefecture, Japan, during April 4-5., 1952, under the presidency of Prof. Hatta, director of the Balneotherapeutic Institute of Kyushu University, Beppu.

The programme included two special lectures and 49 papers in the session.

The special lectures were delivered by Prof. S. Tasaka of Chiba University:

"On the regulative functions of organism against thermal stimuli"

and by Dr. Y. Matsudaira of Kobe Oceanic Meteorological Observatory:

"Chemical studies on atmospheric phenomena."

34 papers were devoted to the medical hydrology.

- 1) Supplementary report on the redox potential of thermal waters in Japan by M. Seki.
- 2) Relation between autogenic antibodies and bath dermatitis caused by acid spring of Tamagawa by S. Tarusawa and H. Endo.
- 3) Effect of thermal bath on Motokawa's flicker-reaction by S. Tarusawa, K. Higuchi and K. Sasaki.
- 4) Effect of plain water bath on opsonin in blood by R. Shito, and T. Yanagisawa.
- 5) Effect of thermal bath of Tamagawa on excitability of sweat-glands by T. Kimura and N. Sasamori.
- 6) On the effect of thermal bath on resorption of intracutaneously injected saline by N. Nakamura.
- 7) Experimental study on the effect of thermal bath upon the resorption from articular space by F. Utsunomiya.
- 8) Hydrogen peroxide decomposing activity of mineral waters and the effect of mineral water bath on catalatic activity of blood by K. Iwasaki.
- 9) Experimental study on electro-encephalogramm and mineral water bath by A. Hatta and M. Nakata.
- 10) Studies on the effects of thermals on the regulation of circulation and body temperature (2nd report by T. Nakashima, A. Otani, S. Watanabe, Y. Tokumasa, M. Ichihara, E. Chiba and H. Araoka.
- 11) Effect of thermal bath on blood picture of inntsa by T. Sano and T. Horie.
- 12) On the changes in roentgen kymograms of heart by thermal bath by M. Homma and T. Sakuma.
- 13) Effect of thermal bath on electrocardiogramm by J. Onodera.
- 14) Experimental studies on the effect of internal use of mineral waters upon the excretion of bile (3rd report) by J. Onodera.
- 15) Balneotherapy of cutaneous diseases (2nd report) by M. Yagi.
- 16) Action of hot springs from the standpoint of blood sugar (3rd report) by K. Shimazu.
- 17) Studies on thermals and function of reticuloendothelial system (5th report)
Effect of successive injection of thermal water on the function of reticuloendothelial system by N. Abe.
- 18) Influence of the injection of thermal waters upon the organism by K. Hokari.
- 19) Physiological significance of the changes of blood pressure by bath in Yamanaka Hot Springs (1st report) by K. Suzuki.
- 20) Experimental study on the detoxicating effect of Yamanaka Hot Springs by K. Suzuki.
- 21) Endocrinological study of bath in Kusatsu Hot Springs (1st report)
Effect on blood eosinophils by S. Nonobe, T. Nonobe, T. Hirabayashi and Y. Tsukagoshi.
- 22) Effect of thermal baths on ascorbic acid content of organs by M. Sotozono.
- 23) Changes in histamine sensitivity during thermal bath cure by T. Yokota and Y. Oshima.

- 24) In-vitro effect of thermal bath on the motility of uterus by Y. Tanaka.
 - 25) Catalatic activity of Hakone and Shiobara Hot Springs by Y. Tanaka and A. Tsuchiya.
 - 26) Serological studies on rheumatic diseases by S. Yoshida, K. Fukushima, S. Kojima and K. Misawa.
 - 27) Clinical studies on rheumatic patients by S. Matsuyama, K. Takahashi, I. Nabeshima and K. Watanabe.
 - 28) Experimental study on metabolism in rheumatic patients by T. Itoh.
 - 29) Cortison treatment in chronic rheumotoid arthritis by R. Yano, H. Aoki, T. Itoh K. Kobayashi, K. Matsuo and K. Kodama.
 - 30) Balneological studies using radio-active isotopes (1) On the mechanism of the action of sulphated spring bath by Y. Oshima.
 - 31) Effect of thermal bath on the sexual period of albino rats (2nd report) An inquiry into the mode of its action by Y. Tanaka.
 - 32) Effects of radioactive thermal bath on circulation system (2nd report) by S. Onoda.
 - 33) On the thermal vapour bath and function of spleen dy T. Tokushige.
 - 34) Experimental study on the effects of thermal bath on Arthus phenomenon by Y. Okamoto.
 - 35) Studies on the temperature in the digestive tract (8th report) Effect of cold bath on gastric temperature by M. Ohara, H. Masuda and S. Katsura.
 - 36) Hygienic studies on milieu of spas by R. Yanagisawa, F. Yajima and T. Matsuyama.
 - 37) Capillary reaction to thermal bath and ultraviolet erythema by M. Takai.
 - 38) Balneotherapeutic experiences in gynecology by Y. Tanaka and T. Takatori.
 - 39) Relation between air mass and blood pressure, pulse rate and body temperature by T. Torii, T. Ogawa, C. Kashiwagi, S. Yamazumi, S. Noda and M. Saito.
 - 40) Relation between Bell' s palsy and season by T. Ishizaki, T. Shimizu and H. Hayakawa.
 - 41) Effect of the changes in atmospheric temperature on electromyogramm dy S. Tasaka, C. Imai, K. Taneda, T. Fujimoto and K. Ohmure.
 - 42) Study on cold test by S. Nishizawa and H. Araoka.
 - 43) Cold and tropical stress and reaction of organism by T. Ishibashi, I. Amamiya, T. Suzuki, S. Watanabe, E. Chiba, T. Yamaguchi, M. Ishihara, H. Araoka, Y. Tokumasa, I. Hayashi and M. Koshikawa.
 - 44) Haematological study on high altitude milieu (1st report) by K. Iwase, Y. Tanakadate and G. Nomura.
 - 45) Supplementary studies on the functions of pituitary and adrenal cortex in high altitude milieu by M. Tanimoto, Y. Miwa and T. Ohkita.
 - 46) A method of climate classification by M. Momiyama and M. Mitera.
 - 47) Combined effect of chemo- and stimulation therapy against tuberculosis, change in tuberculine antibody by Y. Kawakami, T. Shimizu, T. Adachi and Y. Katsuta.
 - 48) Effect of thermal bath on x-ray technicians Investigation with Motokawa' s flicker-reaction (5th report) dy S. Tarusawa and K. Higuchi.
 - 49) Case report of atomic bomb injuries by K. Maeda.
- Extra number) An introduction of spas in Tottori Prefecture by Y. Oshima.

Dr. S. Takayasu, the former director of the Balneotherapeutic Institute of Kyushu University, was elected the next president of the Japanese Balneo-Climatological Society.