

Verification of the effect of hot springs on arteriosclerosis based on the mathematical model of arteriosclerosis onset II: in case of weak radioactive springs

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In order to narrow down the characteristics of hot springs that have efficacies on arteriosclerosis, changes in skin cholesterol levels after bathing at the Yobizuru Onsen, which is classified as a simple weakly radioactive cold mineral spring, were measured. As a result, based on the results from the mathematical model of arteriosclerosis onset, it was indirectly shown that the nature of a radioactive spring may not have an efficacy on arteriosclerosis. In the future, in order to clarify which of the two characteristics (alkaline, sulfur spring) has the efficacy on arteriosclerosis, it is necessary to investigate hot springs that have only one characteristic, alkaline or sulfur spring.

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