

International University of Health and Welfare (IUHW) Shioya Hospital is conducting the following clinical research.

The following clinical research is being conducted with the approval of the Hospital Director by the "International University of Health and Welfare Clinical Research Review Committee". The clinical information is used after anonymization according to the research plan. Therefore, personal information of subjects such as name and address is safely and strictly protected. If you want to know about the precise contents of research plan, contact Dr. Umeda. The results of this research may be published, but personally identifiable information will not be published. If you or your agent does not agree with the use of clinical information, contact Dr. Umeda. However, this request is valid only before the publication.

[Title of research]

Clinical research in the smoking cessation outpatient service: evaluation of vascular endothelial function, depression, and the prevalence of antibodies to SARS-CoV-2.

[Objective]

This research is to add to the continuing project since 2010 as for the association between smoking cessation and vascular endothelial function. Association between smoking cessation and depression is evaluated. The possibility of early elevation of serum antibodies to SARS-CoV-2 in smokers is examined. SARS-CoV-2 has been reported to enter human body via ACE2 receptors which are reported to be expressed more in smokers.

[Subjects]

Patients who visited the smoking cessation outpatient service at IUHW Shioya Hospital and agreed to join the research from 1 Jun 2010 to 31 Mar 2023.

[Term]

From the day of approve to 31 Mar 2023.

[Clinical information used for research]

Clinical course, symptoms, routine blood tests, data of flow-mediated vasodilation, serum levels of oxidized high-density lipoprotein which is related

with atherosclerosis, brain-derived neurotrophic factor which is related with depression, and existence of antibodies to SARS-CoV-2.

[Conflict of Interest]

This research is not supported by specific companies and there is no conflict of interest.

[Representative organization of joint research and principal Investigator]

Representative organization: International University of Health and Welfare
Principal Investigator: Akira Umeda, Professor, Department of General Medicine, School of Medicine (as well as Director, Department of Respiratory Medicine, IUHW Shioya Hospital)

[Research sharing facilities and managers]

Research sharing facility	Manager
Division of Clinical Laboratory Medicine, Jichi Medical University	Kazuhiko Kotani
Department of Pharmacology, School of Pharmacy, International University of Health and Welfare	Kazuya Miyagawa
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