Request to patients.

**Request for participation in data collection using finger-tip adhesive sensors.**

I. Introduction.

　Various monitoring devices have been used to improve the safety of anaesthesia in the operating theatre, but to date there are no established indicators for pain and analgesia (pain and pain relief), which is currently based on experience. It is known that pain generally decreases peripheral blood flow to the fingertips and other parts of the body, suggesting the possibility of using this as an indicator of pain and analgesia.

This study examines whether information from an adhesive sensor attached to the fingertip is a better indicator of pain and analgesia than information obtained from conventional monitoring equipment. The anaesthesia procedure is no different from previous studies; the only difference is that the sensors are attached to the fingertips.

Please note that our priority is always the treatment of your illness and we will not administer unnecessary drugs or other treatments to you for this study. This research has also been reviewed and approved by the Ethics and Privacy Committee of Summit Hospital.

**II. Objectives.**

Consider whether changes in blood flow at the fingertips are a good indicator of pain and analgesia.

**III. you will not be disadvantaged if you do not give your consent**

　If you do not　give your consent, you will not be treated unfavourably because of it.

**IV You can withdraw your consent at any time, even if it has been agreed.**

　Even if you agree, you can withdraw at any time. You will not be treated unfavourably in doing so.

**V. Eligible patients.**

Patients undergoing surgery under general anaesthesia only or general anaesthesia combined with peripheral nerve blocks in the trunk are eligible.

**VI. the specimens that will be used**

　No specimens are collected. The values obtained from the adhesive sensor are used for research.

**VII. handling of specimens, results and personal data**

　The research results will be appropriately anonymised and statistically processed in such a way that individuals cannot be identified. They will not be used for any other purpose except for this research.

**VIII. what is the nature of the research (what will be examined in the specimens? Will I be informed of the results?)**

Information is obtained from an adhesive sensor attached to the fingertip and recorded in the anaesthetic record. As a rule, the results are not communicated to the patient him/herself.

**IX. on costs (are there any costs?)**

　No costs are incurred in this study.

**X. Contact person (who should I ask for any questions or problems?)**

　Contact Onishi, Department of Anaesthesiology (ext. 5636).

**letter of intent**

Director, Sumitoh Hospital Dear Sir or Madam.

Patient name:

Medical record number:

Research title: **Data collection using adhesive fingertip sensors**

Items explained and understood (please tick the boxes in □ by yourself)

□ Research objectives and methods.

□ Not be disadvantaged if they do not participate in the research.

□ The right to withdraw consent at any time, even after consent has been given.

□ Use of medically necessary information and protection of privacy information

□ The costs of the research should not have to be borne.

□ Principal investigators, research physicians and contact details

□ Other requirements (e.g. protection of human rights)

I have received an explanation of the above from the doctor in charge of the research and fully agree to participate in this research.

Date explained: Year month

Date of giving consent: Year month

Signature of principal:.

I confirm that I have explained the above study to you and that you have consented to it.

Date of consent confirmation: Year Month

Signature of consenting physician:.