Informed Consent Form (English Translation)

Document Title: Informed Consent Form (English Translation)
Official Study Title: An Exploratory Study on the Dynamics of Dysbiosis in the Skin and Gut Microbiome of Burn Patients
IRB Approval Number: HG2025-023
Document Date: September 8, 2025
Institution: Burn Institute, Hallym University Hangang Sacred Heart Hospital
Language: English Translation

1. Basic Information

Study Title: An Exploratory Study on the Dynamics of Dysbiosis in the Skin and Gut Microbiome of Burn Patients
Principal Investigator: Prof. Yoon Soo Cho, Department of Rehabilitation Medicine, Hallym University Hangang Sacred Heart Hospital, Seoul, Republic of Korea.
This is a prospective observational study conducted in hospitalized burn patients to evaluate longitudinal changes in the skin and gut microbiome after burn injury.

2. Study Description

This study aims to characterize the temporal dynamics of the skin and gut microbiome in burn patients, and understand dysbiosis and recovery patterns. Findings may inform future microbiome-based therapeutic strategies.
Participants: Adults (≥18 years) admitted for burn injuries.
Samples: Skin swabs (burned and non-burned), stool, and blood. Physiological skin parameters (TEWL, hydration, erythema, elasticity, pH) will be measured.

3. Risks and Benefits

Risks: Minimal, such as mild skin irritation or redness. Benefits: No direct benefit, but may improve understanding of burn-related microbiome changes.

4. Costs and Compensation

There is no cost to participants and no financial compensation. Medical treatment will be provided at no cost for any study-related discomfort.

5. Voluntary Participation

Participation is voluntary, and withdrawal is allowed anytime without affecting medical care.

6. Confidentiality

All data will be de-identified and securely stored. Participant privacy will be maintained according to ethical standards.

7. Contact Information

Principal Investigator: Prof. Yoon Soo Cho
Tel: +82-2-2639-5730
Email: yschorm@hallym.ac.kr
IRB Office: +82-2-2639-5900

Participant Consent

I have read and understood the information above. I voluntarily agree to participate in this study.

Participant's Name / Signature / Date
Research Staff Name / Signature / Date
Principal Investigator Signature / Date