

2016 Nagoya–Yonsei University
Research Exchange Meeting on Health Sciences



2nd-4th November, 2016

Nagoya University Daiko Campus

Nagoya, Japan

Schedule

November 3rd, 2016

Time	Schedule	Place
10:00 – 11:00	Opening Ceremony	Auditorium (East building)
11:00 – 12:00	Presentation	Nursing: Auditorium (East building) Medical Technology: Lecture Room 1 Radiological Technology: Lecture Room 2 Physical Therapy: Lecture Room K301 (South building) Occupational Therapy: Lecture Room 4
12:00 – 13:30	Lunch	Meeting Room 122
13:30 –	Presentation	Nursing: Auditorium (East building) Medical Technology: Lecture Room 1 Radiological Technology: Lecture Room 2 Physical Therapy: Lecture Room K301 (South building) Occupational Therapy: Lecture Room 4
	Dinner	Arranged by each department

SCHEDULE

Greetings and Introductions 11:15 ~ 11:45

Nagoya University

Prof. Chika Oshima

Yonsei University

Prof. Ki Kyong Kim

Chulalongkorn University

Prof. Yupin Aunguroch

Session 1 13:30 ~ 14:20

Session chair : Prof. Shigemi Iriyama

1. Influence of leisure competence and level of leisure activity on life satisfaction of the low-income elderly in rural South Korea

Jihe Choi

2. Activities improve heart rate variability in older patients with mild hypertension and/or stable angina pectoris

Natsuki Nakayama

3. Secondary stroke prevention program for acute stroke patient

Keum Rye Im

4. Experience of a parent whose children with cancer lost friends during hospitalization -the narratives of 2 mothers -

Megumi Hatanaka

5. The effect of stress on parents with high-risk infants and the role of marital communication and spousal support in parental adjustment

Sang Sun Lee

-10 minute rest -

Session 2 14:30 ~ 15:10

Session chair : Prof. Yuki Takahashi

6. Factors affecting interpersonal stress in the clinical practice of nursing students: literature review

Bo Kyung Kim

7. Push and pull factors of Thai and Indonesian nurse mobility under ASEAN Mutual Recognition Arrangement: comparative analysis

Joko Gunawan

8. Self-efficacy development process in intractable chronic diseases

Natsuki Deki

9. Mediating effect of reflection on the relationship between work motivation and nursing competency according to the nursing clinical ladder among staff nurses working in general hospitals

Ji Sun Koo

SCHEDULE

Session 1 : 11 : 00 ~ 12 : 00

Session chair : Prof. Yoshie Kodera

1. Development of a Circular Shape Si-PM-based Detector Ring for Positron Emission Mammography (PEM) System

Kouhei Nakanishi

2. Sparse-view Filtered-backprojection (FBP) Reconstruction in CT Using Sinogram Normalization-based Interpolation and Total-variation Minimization Methods

Guna Kim

3. Positional Dependence of Reference Point for Dose Calculation in Radiation Treatment Planning Systems

Shouichi Yokose

Session 2 : 13 : 30 ~ 14 : 30

Session chair : Prof. Hyo Sung Cho

4. Development of a Low-energy High Resolution X-ray Camera for High-energy Gamma Photon Background Environments

Kouki Ando

5. Semi-optimization of a Time Structure Detection System of Prompt Gammas for in-vivo Range Verification in Passive Scattering Proton Therapy: A Monte Carlo Study

Wook-Geun Shin

6. Relationship between Luminescence Images and Dose Distributions in Water for Therapeutic Proton Beam

Takuya Yabe

SCHEDULE

Laboratory tour : 11 : 00 ~ 12 : 00

Session 1 : 13 : 30 ~ 14 : 40

Session chair: Prof. Takaaki Kondo

1. Development of a method for metabolomics of children urine extracted from disposable diaper by gas chromatography–mass spectrometry
Yuko Ueda
- 2-1. Current Health Situation in Myanmar: At a Glance
- 2-2. Pesticide Use Practices and Their Related Factors Among Farmers
in Pyin Oo Lwin Township, Myanmar
May Thet Khine
3. Joinpoint Regression Analysis of Japanese Suicide Mortality by Sex and Age
Takuya Kanno

- 15 minutes rest -

Session 2 : 14 : 55 ~ 16 : 15

Session chair: Prof. Yong-Serk Park

4. Development of functional erythrocyte-derived nanoparticles for breast cancer therapy
Moon Jung Choi
5. Missense mutations at prothrombin Arg596 cause antithrombin resistance
Yuki Takagi
6. Slides with high-grade squamous intraepithelial lesion are useful for diagnosing cervical cancer
Kwangmin Yu
7. Analysis of cellular intrusion mechanism of hepatitis B virus using novel method of viral particle labeling
Fumika Hirano

Closing Remarks

Kohzo Nagata (Department Head)

Ceremonial photograph

SCHEDULE

Session 1: 11:00 ~ 12:00 (Nagoya University)

Session chair: Prof. Yasushi Uchiyama

Session chair: Prof. Sumio Yamada

1. The Modulation of the anticipatory postural adjustment during choice step reaction in initial motor program errors.

Kenji Satou

2. The arthrokinematic analysis of glenohumeral joint during axial rotation at the arm by side of the body using real-time cine MRI.

Kazuhisa Matsui

3. Association between albumin redox state and six-minute walk distance in community-dwelling elderly women aged 75 or over: A cross-sectional study.

Hironobu Ashikawa

Session 2: 13:30 ~ 14:20 (Mahidol University)

Session chair: Assoc. Prof. Roongtiwa Vachalathiti

4. Physical Therapy Education in Thailand.

Assoc. Prof. Dr. Roongtiwa Vachalathiti

Dean, Faculty of Physical Therapy

5. Research at Faculty of Physical Therapy, Mahidol University, Thailand.

Asst. Prof. Dr. Jarugool Tretriluxana

Deputy Dean in Research and Innovation

Session 3: 14:20 ~ 15:20 (Yonsei University)

Session chair: Prof. Sang-Hyun Cho

6. Comparisons of cervical flexor, extensor strength and ratio of extensor strength to flexor strength in subjects with and without chronic neck pain.

Kyeng-Tae, Kwak

7. Effects of 4-week Cross Body Stretching with Scapular Stabilization on Shoulder Motion and Horizontal Adductor Strength in Subjects with Shoulder Horizontal Adduction.

Hana, Joung

8. Comparison of Muscle Activity and Trunk Compensation during Modified Push-up Plus Exercises in People with Scapular Winging.

Yun Jeong, Beck

– 20 minutes rest –

Session 4: 15:40 ~ 16:20 (Nagoya University)

Session chair: Prof. Shigeyuki Suzuki

Session chair: Prof. Satoshi Kametaka

9. The effect of pelvic floor muscle training on stress urinary incontinence after prolapse surgery.

Hikari Watanabe

10. Analysis of molecular mechanism on skeletal muscle generation.
- Contribution of intracellular membrane trafficking in muscle repair. -

Mari Isobe

Session 5: 16:20 ~ 17:00 (Yonsei University)

Session chair: Prof. Sang-Hyun Cho

11. Effects of 4-week Selective Tibialis Anterior Strengthening for Subjects with Ankle Dorsiflexor Weakness.

Hye-Jin, Park

12. Comparison of Functional Exercises on Lower-Extremity Muscle Activation in Subjects with Chronic Ankle Instability.

Ye-Ji, Jung

SCHEDULE

Session 1 : 11 : 00 ~ 11 : 40

Session chair: Prof. Emi Ito

1. Assistive Technology for Patients with Severe Neuromuscular Disease: Possibility of Bone Conductive Sound.

Wataru Iyoda

2. A Comparison of the Usability Assessment of the Racing Handcycle Developed Domestically and the Imported Handcycle.

Dongwook Kim

-Lunch Time-

Session 2 : 13 : 30 ~ 14:30

Session chair: Prof. Ji-Hyuk Park

3. Analysis of Time Use in Healthy Elderly: A Systematic Review.

Jae-Won Kang

4. A Systematic Review of Interventions on Driving Performance in Older Drivers

Moon-Young Kim

5. The Effect of the Home-based Mirror Therapy for Chronic Stroke Patients' upper motor function: Case Series

Seo-Eun Kim

- 20 minutes rest -

Session 3 : 14 : 50 ~ 16:30

Session chair: Prof. Jun-ichi Uemura

6. Environment with Background Music and Autonomic Responses in Neonates in Intensive and Growing Care Units.

Yoko Hasegawa

7. The Ways of Holding Chopstick and the Respective Functions in Typically Developing Children.

Masashi Tsuzuku

- 20 minutes rest -

8. Research Literature in Korean Occupational Therapy for Children Regarding the International Classification of Functioning, Disability and Health by Using a Journal of Korean Society of Occupational Therapy.

So-Yeon Kim

9. A Study on Color Recognition in Patients with Schizophrenia.

Tomohiro Kogata

List of Participants – Nagoya University

Department	Name (English)	Title
Graduate school of Medicine (Health Sciences)	Tetsuhito Kojima	Director
Nursing	Midori Asano	Professor
	Yuko Ikematsu	Professor
	Natsuki Nakayama	Associate Professor
	Natsuki Deki	Master course
	Megumi Hatanaka	Doctor course
Radiological Technology	Yoshie Kodera	Professor
	Kuniharu Imai	Professor
	Masataka Komori	Associate Professor
	Kouhei Nakanishi	Master course
	Shouichi Yokose	Master course
	Takuya Yabe	Master course
	Kouki Ando	Master course
Medical Technology	Takaaki Kondo	Professor
	Jun Ueyama	Associate Professor
	Takuya Kanno	Master course
	Fumika Hirano	Master course
	Yuko Ueda	Master course
	Yuki Takagi	Doctor course
Physical Therapy	Sumio Yamada	Professor
	Kazuto Ishida	Associate Professor
	Hironobu Ashikawa	Master course
	Kazuhisa Matsui	Doctor course
	Hikari Watanabe	Master course
	Kenji Satou	Doctor course
	Mari Isobe	Doctor course
Occupational Therapy	Minoru Hoshiyama	Professor
	Jun-ichi Uemura	Associate Professor
	Wataru Iyoda	Master course
	Masashi Tsuzuki	Master course
	Tomohiro Kogata	Master course
	Yoko Hasegawa	Doctor course

List of Participants – Yonsei University

Department	Name (English)	Title
Graduate school of Health and Environment	Byung Jo Jung	Vice Dean (College of Health Science)
Nursing	Ki Kyong Kim	Professor
	Jihea Choi	Assistant Professor
	Ji Sun Koo	Master course
	Bo Kyung Kim	Master course
	Keum Rye Im	Master course
	Sang Sun Lee	Master course
Radiation Convergence Engineering	Hyo Sung Cho	Professor
	Wook-Geun Shin	Doctor course
	Guna Kim	Master course
Biomedical Laboratory Science	Yong-Serk Park	Professor
	Moon Jung Choi	Master course
	Kwangmin Yu	Master course
Physical Therapy	Sang-Hyun Cho	Professor
	Ye-Ji Jung	Master course
	Yun Jeong Beck	Master course
	Hana Joung	Master course
	Hye-Jin Park	Master course
	Kyeng-Tae Kwak	integrated PhD program
Occupational Therapy	Ji-Hyuk Park	Professor
	So-Yeon Kim	Master course
	Seo-Eun Kim	Doctor course
	Jae-Won Kang	Master course
	Moon-Young Kim	Master course
	Dongwook Kim	Master course

List of Participants – Invited Presenters

Affiliations	Name (English)	Title
Chulalongkorn University (Nursing)	Yupin Aunguroch	Associate Professor
	Joko Gunawan	Ph.D. candidate
Fujita Health University (Medical Technology)	May Thet Khine	Ph.D. student
Mahidol University (Physical Therapy)	Roongtiwa Vachalathiti	Associate Professor
	Jarugool Tretriluxana	Assistant Professor