

**2018 Nagoya–Yonsei University
Research Exchange Meeting on Health Sciences**



2nd-4th November, 2018

Nagoya University Daiko Campus

Nagoya, Japan

Schedule

November 3rd, 2018

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 405 (East building)
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: Graduate Lecture Room (East building)
	Dinner	Arranged by each department

SCHEDULE

Session 1 : 11 : 15 ~ 12 : 00

Session chair: Prof. Kazuki Sato

1. Self-care in School Children with Atopic Dermatitis Since Infancy
Atsushi Sugimura
2. The balance of work and life for shift nurses: A Literature Review
Sol Lee
3. Quality of life of children with food allergies in the middle and higher grades of elementary school and their thoughts on school life
Yuka Kobayashi

Session 2 : 13 : 30 ~ 14:15

Session chair: Prof. Izumi Watai

4. The practice of caring by nurse manager : A Case Study
Megumi Yokoyama
5. Variables of Impact on Family Health of the Marriage Migrant Women
: A Literature Review
Jinkyung Eim
6. Actual situation of healthcare information sharing among foreign resident women in Japan
—Focusing on religious facilities as a place of community—
Haruka Furusho

Session: Radiological technology

Presentation: 10 min, discussion and questions: 5 min.

11:00 ~ 11:45

Chair: Naoki Sunaguchi

1. Estimation of the three-dimensional (3D) dose distribution of electron beams from medical linear accelerator (LINAC) using plastic scintillator plate
Ryo Horita
2. Measurements of the propagation difference between Cherenkov-light and luminescence of water during carbon-ion beam irradiation
Yohei Kitao
3. Phase-based volume stitching in dental cone-beam computed tomography
Dongyeon Lee

13:30 ~ 14:15

Chair: Prof. Bong Soo Han

4. Commissioning and quality assurance of CyberKnife tumor-tracking intensity modulated radiation therapy (IMRT) using dynamic thorax phantom
Kohei Kawata
5. POCS-based restoration algorithm for beam modulation CT acquisition
Dohyeon Kim
6. PET evaluation of in vivo behavior of conjugate siRNA designed to specifically target cancer
Wakahiko Hiramatsu

Closing remarks: *Prof. Seiichi Yamamoto*

SCHEDULE

Laboratory tour : 11 : 00 ~ 12 : 00

Session 1 : 13 : 30 ~ 14 : 50

Session chair: Kohzo Nagata, Jun Ueyama

1. Analysis of co-morbidities of lifestyle-related diseases using association rule mining
Shinya Matsushita

2. Prevalence of *Orientia Tsutsugamushi* in the wild rodents and chiggers at Gangwon and Gyeonggi province in Korea
Monoldorova Sezim

3. Time trend of children exposure to a widely used insecticide tetrafluoro benzyl-containing pyrethroids between 2006 and 2015
Risa Hamada

4. Surgical removal of subcutaneous adipose tissue alleviates salt-exacerbated cardiac and adipose tissue pathology in rats with metabolic syndrome
Kiyoshi Aoyama

- 20 minutes rest -

Session 2 : 15 : 10 ~ 16 : 30

Session chair: Bo-Young Jeon, Tetsuhito Kojima

5. Profile study of circulating microRNAs as a diagnostic biomarker in plasma of sudden sensorineural hearing loss
Sunmok Ha

6. An unusual complex inversion in severe haemophilia A brothers results from replication-based genomic rearrangement between sister chromatids
Misaki Kakihara

7. Riboflavin inhibits growth of *Helicobacter pylori* by down-regulation of *polA* and *dnaB* genes
Hye Jin Kwon

8. Functional analysis of fibrinogen from a dysfibrinogenemia patient with cerebral infarction
Yuna Hattori

Closing Remarks

Tetsuro Nagasaka (Department Head)

Ceremonial photograph

SCHEDULE

Opening remarks

Prof. Satoshi Kametaka

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

Session chair: Prof. Yasushi Uchiyama

1. Can kinematic gait variability evaluation using wearable six-axis sensors detect cognitive impairment?

Kotaro Saito

2. Correlation between the Gait Deviation Index and skeletal muscle mass in children with spastic cerebral palsy

Naomichi Matsunaga

3. Association with health literacy and lifestyle behaviour in middle-aged Japanese workers

Masaya Hori

Session 2: 13:30-14:30 (Yonsei University)

Session chair: Prof. Chungwi Yi

4. Interference of the secondary cognitive task on Fitts' task performance in young and elderly group

Hyeo-bin Yoon

5. Clinical measurement of forward shoulder posture related to a muscle strength imbalance between scapular internal and external rotators

Hyuna Kim

6. Comparison of Neck Flexor Muscle Activation and Upright Sitting Height during a Forward Head Posture versus Cervico-Lumbopelvic Multi-Chain Stabilization versus a Craniocervical Flexion Local Chain Stabilization

Jiwon Shin

-20 minutes rest-

Session 3: 14:50-15:30 (Nagoya University)

Session chair: Prof. Yasushi Uchiyama

7. Recognition of severity of coronary artery stenosis and interest in secondary prevention among patients after percutaneous coronary intervention: A descriptive study

Kuuya Funaki

8. The effect of thermotherapy to muscle atrophy due to cancer cachexia
~ Do heat shock proteins have protective effect against cancer cachexia? ~

Kotone Matsuyama

Session 4: 15:30-16:10 (Yonsei University)

Session chair: Prof. Chungwi Yi

9. Effects of transvaginal electrical pelvic floor muscle stimulation in female with stress urinary incontinence

Ji-hyun Kim

10. Comparative effects of 4-week robotic gait training and conventional gait training on knee joint space, muscle activation, effusion, and pain in elderly people with medial compartment knee osteoarthritis

Young Joo Cha

Closing remarks

Prof. Chungwi Yi

SCHEDULE

Session 1 : 11 : 00 ~ 11 : 45

1. Effects of Interactive Metronome to Improve Motor Timing of Children with Developmental Coordination Disorders
Kyu-Won Lee
2. The Effects of Playing with Therapy Dogs on Interpersonal Nonverbal Communication in Children with Autism Spectrum Disorder: Evidence from a Before-After Study
Misa Nonaka
3. Literature Review of Technology-Based Interventions for Eating Disorders
Ichiro Kutsuna

-Lunch Time-

Session 2 : 13 : 30 ~ 14:15

4. Effects of Lifestyle Program on Community Dwelling Older Adults: A Pilot Study
Yun-Chan Shin
5. Measurement of the Equilibrium Capacity of the Lower limb by using IMU Sensors
Da-Sol Park
6. Factors Influencing Driving abilities of Older Drivers and Its Measurements: A Systematic Review
Ga-In Shin

- 15 minutes rest -

Session 3 : 14 : 30 ~ 15:15

7. Development and Usefulness of Finger Splints Using 3D Printing Technology for the Patients with Rheumatoid Arthritis: A Pilot Study
Won-Seuk Choi
8. Effects of selective attention under conditions of environmental sound -elicitation of P300 event-related potentials by bone conduction auditory stimulus-
Hayato Kurono
9. Effects of visual cues in EEG activity and single-trial detection during motor imagery
Junpei Kubota