

名古屋市立大学・韓国ハルリム大学との合同学術シンポジウムへの参加

名古屋市立大学看護学部

天野 薫, 細川 陸也

I. 韓国ハルリム大学との交流及び合同学術シンポジウム参加の経緯

名古屋市立大学は、本学が掲げる未来プランのひとつである「国際化」を見据えて、本学の学術交流協定校であるハルリム大学と医学研究科間で合同学術シンポジウムを開催し、学術交流を進めてきた。本年度は、両校のより幅広い学術交流に向けて、看護学部も合同学術シンポジウムに参加することとなり、2017年11月29日～12月1日の3日間にかけて、看護学部から2名が韓国に派遣された。本稿では、2017年12月1日に韓国 Dongtan Sacred Heart Hospital で開催された The 10th Basic and Clinical Translational Research Workshop / Hallym-NCU International Symposium (以下、合同学術シンポジウム) の概要を報告する。

II. 合同学術シンポジウム参加の目的

名古屋市立大学とハルリム大学との合同学術シンポジウムへの参加による学術交流を通して、未来プランに掲げる「国際化」の推進を図ることを目的としている。

III. 滞在日程と合同学術シンポジウムの概要

11月29日に仁川空港に到着し、11月30日に Dongtan Sacred Heart Hospital で開催された合同学術シンポジウムに参加した。また、11月30日と12月1日の両日に渡って、Dongtan Sacred Heart Hospital と Hallym University Sacred Heart Hospital の施設見学を行った(表1)。

合同学術シンポジウムには、名古屋市立大学からは医学研究科3名、薬学研究科1名、システム自然科学研究科1名、看護学部2名の研究者が参加し、ハルリム大学からは看護学科2名の研究者を含む13名の研究者が参加し、研究発表(英語による口演)を行った。

研究発表の大半は、医学に関連した基礎研究、臨床研究に関する内容であった(表

2)。細川は「Marital Relationship, Parenting Practices, and Social Skills Development in Preschool Children」と題して、両親の関係性および養育態度と就学前児の社会的スキルの発達の間について研究発表を行い、天野は「Exploring care for patients undergoing cancer treatment during the downward phase of the illness trajectory」と題して、がん治療を受ける進行・再発消化器がん患者へのエンドオブライフケアに関する看護モデルの開発に関する研究発表を行った(資料1, 資料2)。

研究発表後の質疑応答やランチの場において、研究者間の意見交換の場が設けられ、研究内容について積極的な意見交換が行われた。

IV. 成果と今後の展望

合同学術シンポジウムでの学術交流を通して、今後の研究の発展の方向性や課題を見出すことができ、意義深いものになった。また、ハルリム大学の研究者らの語学力の高さを目のあたりにしたことや、領域を越えて各研

表1 現地での日程の概要

Time	Event/Activity
Wednesday, November 29, 2017	
11:35	Arrival at Incheon International Airport (KE752)
16:00	Tour <National Folk Museum of Korea>
Thursday, November 30, 2017	
09:00	Welcome Ceremony at Hallym University Dongtan Sacred Heart Hospital
09:20	Hospital Tour (30 minutes)
10:00	Opening Ceremony (auditorium / 100 people) Symposium: Session 1
12:35	Lunch (30 people) All Nagoya members, Hallym leadership, symposium speakers and chairs Symposium: Session 2 & Session 3
16:45	Closing Ceremony
Friday, December 1, 2017	
10:00	Tour <Hallym University Sacred Heart Hospital> - Hallym Institute for Translational Medicine (30 minutes) - Hospital Main building (30 minutes) - Ilsong Institute of Life Science (1hour)
19:25	Incheon International Airport (KE751)

表2 Hallym-Nagoya International Symposium

□ Program (Thursday, Nov. 30, 2017)

Time		Program	
<Session I >			
10:00 ~ 10:05	5 min.	Opening Ceremony - Opening Remarks : Dr. Hae-Ran Lee, President of Hallym University Medical Center - Congratulatory Remarks : Dr. Makoto Michikawa, Dean of Nagoya City University Graduate School of Medical Sciences	
10:05 ~ 10:20	15 min.	Dr. Sang-Won Suh (Dept. of Physiology, College of Medicine, Hallym University) The emerging role of Zinc in the pathogenesis of multiple sclerosis	*Chairperson: Dr. Jae-Bong Park (Dept. of Biochemistry, College of Medicine, Hallym University)
10:20 ~ 10:35	15 min.	Dr. Hitomi Tsuji (Dept. of Biomedical Science, Nagoya City University Graduate School of Pharmaceutical Sciences) TDP-43 accelerates age-dependent degeneration of interneurons	
10:35 ~ 10:50	15 min.	Dr. Min-Ju Kim (Dept. of Anatomy and Neurobiology College of Medicine, Hallym University) Effect of phloroglucinol derivatives on beta-amyloid production: Implications for alzheimer's disease	
10:50 ~ 11:05	15 min.	Dr. Mitsuharu Okutsu (Div. of Biological Science, Nagoya City University Graduate School of Natural Sciences) Muscle contractile activity regulates SDF-1 α /CXCL12 expression in skeletal muscle	
11:05 ~ 11:20	15 min.	Dr. Eun-kyoung Choi (Laboratory of Cell Biology, Ilsong Institute of Life Science, Hallym University) Citrullinated myelin basic protein in disease pathogenesis	
11:20 ~ 11:35	15 min.	Dr. Shin-Jeong Kim (Dept. of Nursing, Hallym University) A smartphone application to educate undergraduate nursing students about providing care for infant airway obstruction	*Chairperson: Dr. Mee-Young Kim (Dept. of Family Medicine, College of Medicine, Hallym University, Dongtan Sacred Heart Hospital)
11:35 ~ 11:50	15 min.	Dr. Rikuya Hosokawa (Nagoya City University School of Nursing) Marital relationship, parenting practices, and social skills development in preschool children	
11:50 ~ 12:05	15 min.	Dr. Chan-yeong Kwak (Dept. of Nursing, Hallym University) Developing early discharge protocol after cardiac surgery using korean advanced practice nursing: A randomized clinical trial	
12:05 ~ 12:20	15 min.	Dr. Kaoru Amano (Nagoya City University School of Nursing) Exploring care for patients undergoing cancer treatment during the downward phase of the illness trajectory	
12:20 ~ 12:35	15 min.	Hyun-hwa Chung (Hallym University Sacred Heart Hospital) Predictive Nursing for Patient Safety Based on Big Data Analysis	

Time		Program	
<Session II>			
12:35 ~ 14:00	85 min.	POSTER SESSION & LUNCH	
<Session III>			
14:00 ~ 14:15	15 min.	Dr. Young-Han Park (Dept. of Obstetrics and Gynecology, Hallym University Sacred Heart Hospital) Noch signaling activation is related to the survival of epithelial ovarian cancer	*Chairperson: Dr. Kyung-Soon Hong (Div. of Cardiology, Dept. of Internal Medicine, College of Medicine, Hallym University, Hallym University Chuncheon Sacred Heart Hospital)
14:15 ~ 14:30	15 min.	Dr. Shoko Mase (Dept. of Obstetrics and Gynecology, Nagoya City University Graduate School of Medical Sciences, Div. of Cancer Biology, Nagoya University Graduate School of Medicine) Inactivation of ZNF671 by DNA methylation is closely associated with early recurrence of serous ovarian cancer	
14:30 ~ 14:45	15 min.	Dr. Sung-eun Kim (Div. of Cardiology, Dept. of Internal Medicine, Kangdong Sacred Heart Hospital) Lipoprotein a [Lp (a)], unique risk factor of cardiovascular disease.	
14:45 ~ 15:00	15 min.	Dr. Tomonori Sugiura (Dept. of Cardio-Renal Medicine and Hypertension, Nagoya City University Graduate School of Medical Sciences) Serum levels of Mac-2 binding protein increase with cardiovascular risk and reflect silent atherosclerosis	
15:00 ~ 15:15	15 min.	Dr. Jong-chan Yoon (Div. of Cardiology, Dept. of Internal Medicine, Hallym University Dongtan Sacred Heart Hospital) Temporal trends of de NOVO malignancy after heart transplantation	
15:15 ~ 15:30	15 min.	COFFEE BREAK	
<Session IV>			
15:30 ~ 15:45	15 min.	Dr. Jong-soo Shin (Dept. of Radiology, Hallym University Dongtan Sacred Heart Hospital) Biliary stone removal through the percutaneous transhepatic biliary drainage route, focusing on balloon sphincteroplasty flushing technique	*Chairperson: Dr. Kwan-Seop Lee (Dept. of Radiology, Hallym University Sacred Heart Hospital)
15:45 ~ 16:00	15 min.	Dr. Masashi Shimohira (Dept. of Radiology, Nagoya City University Graduate School of Medical Sciences) Coil embolization for pulmonary arteriovenous malformations: experience with hydrogel-coated coils	
16:00 ~ 16:15	15 min.	Dr. In-Bok Chang (Dept. of Neurosurgery, Hallym University Sacred Heart Hospital) Angiographic results of wide-necked intracranial aneurysms treated with coil embolization: a single center experience	
16:15 ~ 16:30	15 min.	Dr. Jin-pyeong Jeon (Dept. of Neurosurgery, Hallym University Chuncheon Sacred Heart Hospital) Association of SOX17 gene polymorphism and intracranial aneurysm: A case-control study and meta-analysis	
16:30 ~ 16:45	15 min.	Dr. Sang-mok Lee (Dept. of Ophthalmology, Hallym University Sacred Heart Hospital) Chronological changes in tip cells during sprouting angiogenesis of development of the retinal vasculature in newborn mice	
16:45 ~ 16:50	5 min.	Closing Ceremony - Closing Remarks : Dr. Young Su Ju, President of Industry-Academic Cooperation Foundation Dr. Masumi Suzui, Vice Dean of Nagoya City University Graduate School of Medical Sciences - Plaques of appreciation will be presented to speakers by Dean Kyung-Soon Hong of Hallym University College of Medicine	

究者の発表を学べたことは、大変貴重な経験であった。

今回の合同学術シンポジウムへの参加を通して、名古屋市立大学の研究者として、大学が掲げる「国際化」にどのように貢献できるのかを深く考える機会になった。高いコミュニケーション能力をもって研究成果を発信し、学術交流を通して研鑽を積んでいくことが研究者ならびに大学組織の研究レベルを高め、ひいては国内にとどまらず国際社会全体に貢献していくことにつながることを感じた。

また、医療施設や博物館の見学を通じて、韓国の歴史・文化背景を含めた医療情勢を学ぶことができた。来年度の合同学術シンポジウムは名古屋市立大学で開催

される予定であり、今後も継続して看護学部からの研究者の参加が望まれる。

V. 謝辞

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資料1 合同学術シンポジウム抄録（細川）

Title	Marital Relationship, Parenting Practices, and Social Skills Development in Preschool Children
Name	Rikuya Hosokawa Assistant Professor, School of Nursing, Nagoya City University

Background: This study examined the pathways by which destructive and constructive marital conflict leading to social skills development in preschool children, are mediated through negative and positive parenting practices.

Methods: Mothers of 2,931 Japanese children, aged five to six years, completed self-report questionnaires regarding their marital relationship (the Quality of co-parental communication scale) and parental practices (the Alabama parenting questionnaire). The children's teachers evaluated their social skills using the Social skills scale.

Results: Path analyses revealed significant direct paths from destructive marital conflict to negative parenting practices and lower scores on the self-control component of social skills. In addition, negative parenting practices mediated the relationship between destructive marital conflict and lower scores on cooperation, self-control, and assertion. Our analyses also revealed significant direct paths from constructive marital conflict to positive parenting practices, and higher scores on cooperation and assertion. Positive parenting practices mediated the relationship between constructive marital conflict and higher scores on self-control and assertion.

Conclusions: These findings suggest that destructive and constructive marital conflict may directly and indirectly influence children's social skills development through the mediation of parenting practices.

資料2 合同学術シンポジウム抄録(天野)

Title Exploring care for patients undergoing cancer treatment during the downward phase of the illness trajectory

Name Kaoru Amano
Assistant Professor,
School of Nursing, Nagoya City University

When physical condition becomes worse, patients undergoing cancer treatment experience distressing symptoms and face fears of death. Such patients are in situation where recovery is difficult. Therefore, this study is focused on self-recovery.

The purpose of this study was to develop the nursing care model that was focused on self-recovery for patients undergoing cancer treatment during the downward phase of the illness trajectory. Self-recovery was defined as "an expression of how to exist as individuals living with other people in interaction with the environment". This study adopted qualitative approaches, and comprised of three phases as follows :

- (1) Drawing up the nursing care model
- (2) Creating the nursing practice indicator using reflection
- (3) Examining of feasibility and acceptability of the nursing care model

As a result, the nursing care model was consisted of self-recovery, nursing interventions, interaction including "reflection". In addition, the nursing care model was feasible and acceptable for nurses because it helped them build a rich relationship with patients, independently practice, and raise sensitivity regarding self-recovery. The nursing care model enabled nurses to confirm meaningful nursing practice and directionality of holistic care.