

Program Report

JICA Knowledge Co-Creation Program Improvement of Maternal Health (including Remote Medical Care for Maternal and Child Health) (C) JFY2017



January 1, 2018

**Seto Inland Sea Regional Research Center Kagawa University
Shikoku branch Japan International Cooperation Agency
NPO e-HCIK “e-Health Care Innovation in Kagawa”
NPO BHN Association “Basic Human Needs”
Melody International Ltd.**

Message

JICA and Kagawa University jointly held a program called "Improvement of Maternal Health (including Remote Medical Care for Maternal and Child Health)." The program included 18 people from 11 countries for 4 weeks. I am sincerely thankful that we could successfully achieved the program.

Currently, the perinatal mortality rate and the maternal mortality rate in Japan are the lowest in the world, and it's drawing attention all over the world. The reason is because the comprehensive perinatal medical centers were established nationwide. In addition, general obstetrics departments in provincial hospitals know the detailed condition of fetus and mother by using IT so that high risk pregnant women are referred to second or third advanced hospital.

In this program, "Improvement of maternal health" is the main topic, and "including remote medical care" is the subtopic. We visited comprehensive perinatal medical centers in Tokyo and Chiba prefectures, and we added studies on maternal facility "Net Yurikago =Cradle" in Tono city, Iwate prefecture, and perinatal electric medical record "IHATOV" which is working in all area of Iwate Prefecture. "IHATOV" got great attention from all over the Japan at the time of Great East Earthquake because it was very useful for health management of pregnant women. As this triggered, the deregulation about telemedicine is advanced, and the cloud-type electronic medical record network had spread all over Japan.

In Kagawa Prefecture, participants learned perinatal care, remote medical care, etc. by lectures. They visited University hospital, medical and elderly care facilities in neighboring, and facilities in Shodosima island. Furthermore, They learned about the Olive nurse in the activity under the law of comprehensive special zone system.

I sincerely pray that this program will be useful for improving perinatal care in each participating countries.

Telemedicine research group
Seto Inland Sea Regional Research Center
Kagawa University
Specially Appointed Professor
Dr. Hara Kazuhiro
(Director of this program)

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1. Program outline

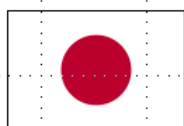
Seto Inland Sea regional Research Center in Kagawa University and JICA Shikoku branch, Japan International Cooperation Agency, held the 24 days program to improve maternal health in cooperated with NPO e-HICK, NPO BHN and Melody International Ltd.. The program included government and local government officials (11 countries, 18 people) from countries suffering maternal and neonatal mortality rate.

Participants received intensive training program, and they were able to achieve a training purpose. Each person prepared “Action plan” to improve maternal health and are well prepared upon returning to their country.

It is difficult to improve maternal health by only attending this program, so we would like to keep in touch and support as much as possible.

Period October 10th, 2017～November 2nd, 2017

Country Afghanistan (1), Bangladesh(2), East Timor(2), Fiji(2), Kenya(2), Kiribati(1), Laos(2), Maldives(2), Myanmar(2), Samoa(1), Uganda(1)



香川大学
KAGAWA UNIVERSITY



Dr. Bogosi Mogale attended and supported the programs. He is keen to improve maternal care in developing countries. He is from South Africa and he is Health Attache, South African Embassy to Belgium, Luxembourg and the Mission to the European Union EU.

2. Program contents

At first, participants learned policies and political measures of the government concerning "Improvement of maternal health" in mainly Tokyo, and they visited urban hospitals (obstetrics) with well-equipped facilities.

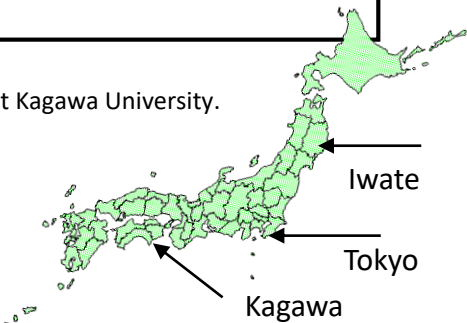
Next, participant visited the local government and hospitals in mountains area "Tono city, Iwate prefecture" in the Tohoku region, and they learned how municipals operate medical function for citizens where access to hospitals is very difficult especially during snow season.

Lastly, participants moved to Kagawa prefecture where is proactively promoting perinatal care and remote medical care. In there, they reported Inception report to introduce own country's problem and situation, and they received lectures at university, prefecture and visited Kagawa prefecture government, Kagawa University hospital, local hospitals and so on.

Based on these training, the participants made the action plan of their own countries and they gave presentation the action plan.

October							Nov.
10 th	~	16 th	17 th ~	19 th	20 th	~	2 th
Tokyo & Chiba Pref.		Iwate Pref.		Kagawa Pref.			
<ul style="list-style-type: none">• JICA lecture• Government lecture• Visit hospitals in urban area• Visit a hospital in the suburbs etc.		<ul style="list-style-type: none">• Visit Iwate perinatal information system etc.		<ul style="list-style-type: none">• Visit local government• Presentation of inception report• University lectures• Visit University hospital• K—MIX lecture• Visit local hospitals• Visit hospitals in island• Remote lectures from over sea• Presentation of action plan etc.			

In order to get attendance of teachers and students, we held the presentation session of the Inception Report at Kagawa University.



Handouts and files



3. Program itinerary

	Type: L: Lectuer, P: Practice, V: Visit			
Date	Type	Contents	Lecturer/Site	
10/10 Tue		Briefing		JICA Tokyo
	L	Program orientation	Mr. Hatano Mr. Ueno	JICA Shikoku Coordinator, Seto Inland Sea Regional Research Center, Kagawa Univ.
		JICA's cooperation for the improvement of maternal, newborn and child health	Ms. Nagai	JICA HQ (Health Group, Human Development Dept.)
10/11 Wed	P	Self introduction of participants/parties concerned		
	L	The global expansion of the perinatal management system and mobile CTG developed in Kagawa prefecture	Prof. Hara	Specially appointed professor & PhD Seto Inland Sea Regional Research Center, Kagawa Univ.
		Lunch		
	L	Features of maternal and child health policies in Japan	Ms. Nakane	Min. of Health, Labor and Welfare
		Break		
	L	Initiatives of the Min. of Internal Affairs and Communications concerning ICT utilization in medical care and other fields	Ms. Katayanagi	Information Applications Promotion Office, Min. of Internal Affairs and Communications
		Break		
	L	Digital mother & child health handbook	Mr. Nishiguchi Mr.Maruyama	NTT DoCoMo Hakuhodo
10/12 Thu		Welcome Party	Mr. Hatano	JICA Shikoku
	L	Telemedicine in Japan	Mr. Tofukuji	Japanese Telemedicine and Telecare Association
		Break		
	L	Quality improvement: An experience/experiment in neonatal clinical practice in Japan	Dr. Mori	National Center for Child Health and Development
		Lunch		
		Move by bus		
	V	Japanese Red Cross Medical Center	Dr. Kido	Japanese Red Cross Medical Center
		Move by bus		
10/13Fri	V	Aiiku Clinic / Aiiku Hospital	Dr. Nakabayashi	Aiiku Hospital
		Move by bus		
		Move by bus		
		Lunch		Kamogawa Ocean Park
		Move by bus		
	V	Kameda Medical Center	Dr. Suzuki	Perinatal Center, Kameda Medical Center
		Move by bus via UMIHOTARU parking area		
		Move to JICA		
10/14 Sat		Move by train		
	V	Hato bus tour half-day Tokyo		
10/15 Sun				
		Holiday		

10/16 Mon	L	IT introduction in Healthcare Sector	Mr. Takahashi	FUJITSU LIMITED
		Break		
	L	Overview of nursing education system in Japan	RN, PHN Kamei	St. Luke's International Univ.
		Leave JICA for Tokyo station (Lunch in train)		
		Move from Tokyo to Tono by Shinkansen & Bus		
10/17 Tue				
	V	Efforts in using ICT for prenatal physical examinations at Tono city maternity home	Mr. Kikuchi	Health and Welfare Division, Tono city
		Lunch Tono Kaze no Oka		
	P	Courtesy call to Tono mayor	Mr. Kikuchi	Health and Welfare Division, Tono city
	V	Tono city maternity home	Mr. Kikuchi	Health and Welfare Division, Tono city
10/18 Wed				
	V	Tono city disaster prevention center	Mr. Kikuchi	Health and Welfare Division, Tono city
		Move Tono city → Rikuzentakata city		
	V	Observation at reconstruction site in Rikuzentakata		
		Lunch	Ogata	
10/19 Thu				
	V	Perinatal medical information system during major disaster in Iwate prefecture Miracle of "Ihatov"	Dr. Ogasawara	Vice director, Iwate Prefectural Ofunato Hospital
		Move from Tono to Takamatsu via Osaka Bus / Airplane / Bus		
10/20 Fri		Walk to Kagawa prefectural government		
		Kagawa prefectural government		
	P	Courtesy call to the governor	Mr. Hamada	Governor
		Move 21F→12F		
	P	Maternal and child health in Kagawa	Ms. Yamaji	Health and Welfare dept., Kagawa prefecture
		Move		
		Lunch		
	L	Introduction of the campus	Ms. Tamura	Research Cooperating Group, Kagawa University
	L	Outline of e-HCIK	Ms. Kondo	e-HCIK
	P	Inception report presentation 1	Mr. Hatano	JICA Shikoku
		Break		
	L	Maternal and Child Health Handbook for no one left behind	Prof. Nakamura	Nursing and Rehabilitation, Konan Women's Univ.
	L	Vaccination management from the perspective maternal and child health	Mr. Kani	TECHNO ASKA CO., LTD.
10/21 Sat		Walk to hotel		
		Holiday		
10/22 Sun		Holiday		

10/23 Mon		Move by bus to Univ.		
	L	Greeting	Director Yokomise	Kagawa Univ. Hospital
	L	Introducing Japan, Kagawa and Faculty of Medicine, Kagawa university	Prof. Wada	Medicine, Kagawa Univ.
		Break		
	L	"Saving Mothers" : An insight into the South African maternal mortality management challenge.	Dr.Bogosi Mogale	Health Attache: South African Embassy to Belgium, Luxembourg and the Mission to the European Union
		Lunch		
	L	(T) Outline of K-MIX	Prof. Yokoi	Kagawa Univ. Hospital
		Break		
	L	(T) Neonate management	Prof. Kusaka	Pediatrics, Kagawa Univ. Hospital
		Break		
	P	Inception report presentation 2	Mr. Hatano	JICA Shikoku
10/24 Tue		Move by bus to hotel		
		*Transfer luggage to Daiwa Roynet Hotel Takamatsu		
		Move by bus to STNet		
	L	STNet Powerico overview	Mr. Torano	STNet, Inc.
		Move by bus		
	L	(T)Maternity management	Prof. Sasaki	School of Nursing, Medicine, Kagawa Univ.
		Lunch		
	L	Latest ultrasound diagnosis of fetus	Prof. Hata	Perinatology and Gynecology, Kagawa Univ.
	L	Fetal heartrate monitoring	Associate Prof. Tanaka	Perinatology and Gynecology, Kagawa Univ.
	V	Kagawa Univ. Hospital Maternal and Child Health Center	Prof. Hata	Kagawa Univ. Hospital Maternal and Child Health Center
10/25 Wed		Break		
	L	Use of Kagawa Medical Information eXchange plus (K-MIX+) in ANAFIE Registry	Prof. Minamino	Medicine, Kagawa Univ.
		Move by bus		
		Move by bus		
	V	RARE SUGARS: NATURAL ZERO CALORIE SWEETENERS IN RELATION TO OBESITY AND DIABETES TO CHANGE OUR LIFE STYLE	Dr.Akram Hossain	Kagawa Univ. Matsunani Chemical Ind. Co., Ltd.
		Move by bus		
	V	Home care support by Nagai group Lunch	Head NurseMs.Fukuda	Social Welfare Corporation Keiseikai
		Move by bus		
	V	Outline of olive nurse National Health Insurance SUE Hospital	Dr. Ohara	Director, National Health Insurance SUE Hospital
		Move by bus		
10/25 Wed	V	Yushin-Brewer Co. Ltd.	Mr. Urata	Yushin-Brewer Co., Ltd.
		Move by bus		

10/26 Mon		Move by bus		
	V	Move by boat	Mr. Kishimoto	Marine Center, Seto Inland Sea Regional Research Center, Kagawa Univ.
		Move by bus		
	V	Olive Garden	Miyake	
		Move by bus		
	V	Shodoshima central hospital	Dr. Hayashi	Shodoshima Central Hospital
		Move by bus		
	V	Marukin Soy Sause Museum	Masuda	
		Move by bus		
	V	Uchinomi Clinic	Dr. Hayashi	Vice Director, Shodoshima Central Hospital
10/27 Fri		Move by bus		
		Photo taking	Mr. Ueno	Seto Inland Sea Regional Research Center, Kagawa Univ.
	L	Greeting	President. Kakehi	President, Kagawa Univ.
	L	Introduction of Seto Inland Sea Regional Research Center	Prof. Tada	Director, Seto Inland Sea Regional Research Center, Kagawa Univ.
	L	(T) Prevention of lifestyle disease by rare sugar	Prof. Tokuda	Vice president, Kagawa Univ.
		Break		
	P	International Relations -Exchange with students-	Prof. Noda	Kagawa Univ.
		Lunch		
	P	Discussion in 3 groups	Mr. Ueno	Seto Inland Sea Regional Research Center, Kagawa Univ.
		Move by bus		
	V	Brest and Uterus cancer screening Kagawa Preventive Medicine Institution	Dr. Tsuyuki	Obstetrics & Gynecologist, Kagawa Preventive Medicine Institution
		Move by bus		
		Exchange party with parties concerned	Mr. Ueno	Seto Inland Sea Regional Research Center, Kagawa Univ.
		Move by bus		
10/28 Sat	V	Ritsurin Garden		Ritsurin garden
10/29 Sun		Holiday		

10/30 Mon		Walk to Kagawa Univ.		
	L	Fetus at Near and Far	Prof. Takeuchi	Seto Inland Sea Regional Research Center
	L	Remote L : Perinatal Telemedicine in Okushiri island	Dr. Tatsumi Dr. Shinmi	Graduate Sch., Sapporo Medical Univ. Sch. Of Medicine, Sapporo Medical Univ.
		Break		
	L	Remote L : The efforts to maintain and develop the perinatal care system in Amami islands ~with "Yui Sprit"~	Dr. Odagiri	Naze Tokusyukai Hospital
		Lunch		
	L	(T)Development & spread of care system for pregnant and parturient women	Ms. Ogata	CEO, Melody International Ltd.
	L	V-CUBE and telemedicine	Mr. Oho	Medical & Healthcare group, V-cube, Inc.
		Break		
	L	Remote Lecture “Perinatal Telemedicine in Remote area in Chiang Mai Province”	Dr. Supatra Sirichotiyakul	Obstetrics & Gynecologist, Chiang Mai Univ., Thailand
		Break		
	L	Remote Lecture : (T) For remote care from Hong Kong	Dr. Ihara	President, Japanese Medical Association of Europe
		Break		
	L	(T) Application and demonstration of drone	Mr. Ono	CEO, KAMOMEYA Inc.
		Move		
	P	Demonstration of Japanese fencing "Kendo"	Ms. Sakai	Kagawa Univ.
		Walk to Hotel		
10/31 Tue		Walk to Univ.		
	P	Action plan creation (in group)	Mr. Takagi	CFO, Melody International Ltd.
		Lunch		
	P	Action plan creation (individual)	Mr. Takagi	CFO, Melody International Ltd.
		Walk to hotel		
11/1 Wed		Walk to Univ.		
	P	Action plan presentation	Mr. Hatano	JICA Shikoku
		Lunch		
	P	Action plan presentation	Mr. Hatano	JICA Shikoku
		Walk to hotel		
11/2 Thu		Move by bus to Univ.		
	P	Evaluation meeting	Mr. Hatano	JICA Shikoku
		Break		
	L	Closing ceremony	Mr. Hatano	JICA Shikoku
		Farewell party (Lunch)		
		Move by bus to Takamatsu Airport Takamatsu to Tokyo		

4. Program

(1) October 11th

- ① Self introduction of participants/parties concerned: Prof. Hara, BHN
- ② Lecture: The global expansion of the perinatal management system and mobile CTG developed in Kagawa prefecture
(Prof. Hara, Specially appointed professor & PhD, Seto Inland Sea Regional Research Center, Kagawa Univ.)
- ③ Lecture: Features of maternal and child health policies in Japan
(Ms. Nakane, Expert, Maternal and Child Health Division, Child and Family Policy Bureau, Min. of Health, Labour and Welfare)
- ④ Lecture: Initiatives of the Min. of Internal Affairs and Communications concerning ICT utilization in medical care and other fields
(Ms. Katayanagi, Information Applications Promotion Office, Min.of Internal Affairs and Communications)
- ⑤ Lecture: Digital mother & child health handbook
(Mr. Nishiguchi , NTT DoCoMo/ Mr.Maruyama, Hakuhodo)
- ⑥ Welcome Party



Self introduction of participants



Self introduction of participants



Lecture: Prof. Hara,
Kagawa University



Lecture: Ms. Nakane,
Min. of Health, Labor and Welfare



Lecture: Ms. Katayanagi,
Min. of Internal Affairs and
Communications



Lecture: NTT DoCoMo/Hakuhodo,
Digital mother & child health handbook



Congratulatory speech: Ms. Pimm from
Laos



Welcome dinner

(2) October 12th

- ① Greeting: Mr. Hori, Deputy Director Health Service Division Health Service Bureau
Min. of Health, Labour and Welfare
- ② Lecture: Telemedicine in Japan
(Prof. Tofukuji, Takasaki University of Health and Welfare, secretary-general)
- ③ Lecture: Quality improvement: An experience/experiment in neonatal clinical practice
in Japan
(Dr. Mori, National Center for Child Health and Development)
- ④ Visit and Lecture: Japanese Red Cross Medical Center , Hiroo, Tokyo
(Dr. Kido, Director, OB/GYN 2nd Dept /Ms. Nakane, General manager, Education plan/
Ms. Imoto, assistant director, nursing Dept)
- ⑤ Visit and Lecture: Aiiku Clinic / Aiiku Hospital (Hiroo, Tamachi)
(Dr. Nakabayashi, Director /Ms. Kato, Head nurse)



Greeting from Mr. Hori, Deputy Director
Health Service Division Health Service
Bureau Min. of Health, Labour and
Welfare



Lecture: Prof. Tofukuji, Japanese
Telemedicine and Telecare Association



Lecture: Dr. Mori, National Center for
Child Health and Development



Group photograph with Dr. Kido,
Japanese Red Cross Medical Center



Dr. Nakabayashi, Aiiiku Hospital

(3) October 13th

Visit and Lecture : Kameda Medical Center (Kamogawa City, Chiba Prefecture)
(Dr. Kameda, Director, Kameda Clinic: Dr. Suzuki, Director, OB/GYN Dept.)

Visit : On the way to Kameda Medical Center, visit Tokyo and local cities to understand Japanese life and culture



UMIHOTARU parking area, on the way to Kameda Medical Center



Lunch: Boso Peninsula, roadside rest area



In front of Kameda Medical Center with the history of 350 years



Lecture: Kameda Medical Center



Dr. Suzuki and Mr. Wacher, introducing about Kameda Medical Center



Visit: Kameda Medical Center



View from Kameda Medical Center

(4) October 16th

- ① Lecture: IT introduction in Healthcare Sector of FUJITSU LIMITED
(Mr. Takahashi, Senior Director, Global business supervisory department)
- ② Lecture: Overview of nursing education system in Japan
(RN, PHN Kamei , St. Luke's International Univ.)



Lecture: Mr. Takahashi, FUJITSU LIMITED



Lecture: Nursing education system in Japan, RN, PHN Kamei

(5) October 17th

- ① Visit and Lecture : Efforts in using ICT for prenatal physical examinations at Tono city maternity home
(Mr. Kikuchi, Health and Welfare Division, Tono city)
- ② Courtesy call on Tono mayor, Mr. Honda
- ③ Visit and Lecture : Remote checkup for pregnant women at Tono city maternity home
- ④ Visit and Lecture : Tono city disaster prevention center



Commemorative photo with Tono mayor



Visit: Tono city maternity home "Net cradle"



Visit: Tono city maternity home "Net cradle"



Courtesy call on Tono mayor



Courtesy call on Tono mayor



Explanation from Ms. Kikuchi, midwife



Lecture: Tono city disaster prevention center



Visit: Tono city disaster prevention center



Explanation about the Great East Japan Earthquake

(6) October 18th

- ① Visit: Observation at reconstruction site in Rikuzentakata
- ② Lecture: Perinatal medical information system during major disaster in Iwate prefecture Miracle of "Ihatov"
(Dr. Ogasawara, OB-GYN , Vice director, Iwate Prefectural Ofunato Hospital)
- ③ Lecture: Demonstration experiment in medical care zone of Kesen area
(Mr. Kitamura, HealthCare Relations Co., Ltd.)
- ④ Lecture: "Mirai Kanaenet" ICT projects of medical, healthcare, and care in Ofunato City, Rikuzentakata City, and Sumita Town
(Dr. Ito, Director, Iwate Prefectural Ofunato Hospital, Mirai Kanae Institution Project)
- ⑤ Visit and Lecture: Iwate Prefectural Ofunato Hospital



In front of "miracle pine" in Rikuzentakata



Lecture: Dr. Ogasawara



Participants listen to the lecture



Lecture: Dr. Ogasawara



Lecture: Dr. Ito



Explanation from Dr. Ogasawara



Visit: Iwate Prefectural Ofunato Hospital

(7) October 20th

- ① Courtesy call on the deputy governor of Kagawa Prefecture, Mr. Nishihara
- ② Lecture: Maternal and child health in Kagawa
(Ms. Kawase, Health and Welfare dept., Childcare support section, Kagawa prefecture)
- ③ Inception report presentation Part I
- ④ Lecture: Maternal and Child Health Handbook for no one left behind
(Prof. Nakamura, Nursing and Rehabilitation, Konan Women's Univ.)
- ⑤ Lecture: Vaccination management from the perspective maternal and child health
(Mr. Kani, TECHNO ASKA CO., LTD.)



Courtesy call on the deputy governor of Kagawa Prefecture



Courtesy call on the governor of Kagawa Prefecture



Lecture: Maternal and child health in Kagawa Prefecture



Lecture: Maternal and child health in Kagawa Prefecture



Inception report presentation



Inception report presentation



Lecture: Prof. Nakamura



Group photograph with Prof. Nakamura



Lecture: Mr. Kani

(8) October 23rd

- ① Greeting : Director Yokomise, Kagawa Univ. Hospital
- ② Lecture : Introducing Japan, Kagawa and Faculty of Medicine, Kagawa University
(Prof. Wada, Department of Chemistry for Medicine, Kagawa University)
- ③ Lecture : "Saving Mothers" : An insight into the South African maternal mortality management challenge.
(Dr. Mogale, Health Attache: South African Embassy to Belgium, Luxembourg and the Mission to the European Union)
- ④ Lecture : Outline of K-MIX (Kagawa Medical Internet eXchange)
(Prof. Yokoi, Department of Medical Informatics, Kagawa Univ. Hospital)
- ⑤ Lecture : Neonate management in Japan
(Prof. Kusaka, Pediatrics, Kagawa Univ. Hospital)
- ⑥ Visit : Medical skills laboratory
- ⑥ Inception report presentation Part II



Greeting from Director Yokomise,
Kagawa Univ. Hospital



Greeting from Director Yokomise,
Kagawa Univ. Hospital



Lecture: Prof. Wada



Lecture: Dr. Mogale



Lecture: Dr. Mogale



Lecture: Prof. Yokoi



Lecture: Prof. Kusaka



Visit: Medical skills laboratory



Visit: Medical skills laboratory



Inception report presentation



Inception report presentation



Inception report presentation



Inception report presentation



Inception report presentation

(9) October 24th

- ① Lecture: STNet Powerico overview (Management of information security)
(Mr. Okubo, STNet, Inc.)
- ② Lecture: Maternity management in Japan
(Prof. Sasaki, School of Nursing, Medicine, Kagawa Univ.)
- ③ Lecture: Latest ultrasound diagnosis of fetus
(Prof. Hata, Perinatology and Gynecology, Kagawa Univ.)
- ④ Lecture: Fetal heartrate monitoring
(Associate Prof. Tanaka, Perinatology and Gynecology, Kagawa Univ.)
- ⑤ Visit and Lecture : Kagawa Univ. Hospital Maternal and Child Health Center
(Associate Prof. Mori, Perinatology and Gynecology, Kagawa Univ.)
- ⑥ Lecture: Use of Kagawa Medical Information eXchange plus (K-MIX+)
in ANAFIE Registry
(Prof. Minamino, Department of CardioRenal and CerebroVascular
Medicine,Kagawa Univ.)



Lecture: STNet



Lecture: Prof. Sasaki



Lecture: Prof. Hata



Lecture: Associate Prof. Tanaka



Visit: Kagawa Univ. Hospital



Visit: Kagawa Univ. Hospital



Visit: Kagawa Univ. Hospital



Lecture: Prof. Mimamino

(10) October 25th

- ① Visit and Lecture: Matsunani Chemical Ind. Co., Ltd. (Rare sweet sugar)
(Prof. Akram Hossain, Matsunani Chemical Ind. Co., Ltd.)
- ② Visit and Lecture: Special nursing home Kiyama
(Collaboration in medical treatment, nursing)
(Ms. Fukuda, Social Welfare Corporation Keiseikai)
- ③ Visit and Lecture: National Health Insurance SUE Hospital (Olive nurse)
(Dr. Ohara, Director, National Health Insurance SUE Hospital)
- ④ Visit : Yushin-Brewer Co. Ltd. (improving Atopic Dermatitis)
(Mr. Urata, Yushin-Brewer Co. Ltd.)



Visit and Lecture: Matsunani Chemical
Ind. Co., Ltd.



Visit and Lecture: Special nursing home
Kiyama



Visit Special nursing home Kiyama



Group photograph at Special nursing
home Kiyama



Visit and Lecture: SUE Hospital



Lecture: Dr. Ohara



Commemorative photo with Dr. Ohara, Director of SUE Hospital.



Visit and Lecture: Yushin-Brewer Co. Ltd.



Commemorative photo at Yushin-Brewer Co. Ltd.

(11) October 26th

- ① Visit and Experience : Move to Shodoshima island, boarding research vessels of Seto Inland Sea Regional Research Center, Kagawa Univ.
Observe the life of the Megi island, Ogi island and Oshima island from the vessel.
(Mr. Kishimoto, Marine Center Chief, Seto Inland Sea Regional Research Center, Kagawa Univ.)
- ② Visit : Shodoshima Olive Park
- ③ Visit and Lecture : Shodoshima central hospital and Uchinomi Clinic
(Dr. Hayashi, Senior assistant director, Shodoshima central hospital)
- ④ Lecture : Tele-mobile ECG durante (Mr. Okaniwa, ImageONE Co., Ltd.)
- ⑤ Visit : Marukin Soy Sause Museum



Heading to Shodoshima island, boarding research vessels Calanus III owned by Seto Inland Sea Regional Research Center, Kagawa Univ.





Greeting from Dr. Hayashi,
Shodoshima central hospital



Demonstration of “duranta”



Visit and Lecture: Shodoshima central
hospital



Visit Marukin Soy Sause Museum



Visit Uchinomi Clinic



Remote medical examination in
Uchinomi Clinic

(12) October 27th

- ① Greeting : Prof. Kakehi, President, Kagawa Univ.
- ② Greeting : Prof. Tada, Director, Seto Inland Sea Regional Research Center, Kagawa Univ.
- ③ Lecture : Prevention of lifestyle disease by rare sugar
(Prof. Tokuda, Vice president, Kagawa Univ.)
- ④ Lecture : International Relations -Exchange with students-
(Prof. Noda, International Office, Kagawa Univ.)
- ⑤ Practice : Mutual information exchange with trainees
(Mr. Ueno, Coordinator, Seto Inland Sea Regional Research Center, Kagawa Univ.)
- ⑥ Visit : Brest and Uterus cancer screening (Kagawa Preventive Medicine Institution)
- ⑦ Exchange party with parties concerned



Commemorative photo with Prof. Kakehi, President of Kagawa Univ.



Greeting from Pro. Kakehi,
President, Kagawa Univ.



Greeting from Prof. Tada, Director,
Seto Inland Sea Regional Research
Center, Kagawa Univ.



Greeting from Prof. Honjo, General Manager, Seto Inland Sea Regional Research Center, Kagawa Univ.



Lecture: Prof. Tokuda, Vice president, Kagawa Univ.



Class of Prof. Noda



Mutual information exchange with participants



Lecture: Dr. Tsuyuki



Exchange party with parties concerned

(13) October 30th

- ① Lecture : Fetus at Near and Far (Development of Mobile CTG)
(Prof. Takeuchi , Seto Inland Sea Regional Research Center)
- ② Remote L : Perinatal Telemedicine in Okushiri island (Lecture from Sapporo)
(Dr. Tatsumi and Dr. Shimmi, Graduate Sch., Sapporo Medical Univ. Sch. Of Medicine, Sapporo Medical Univ.)
- ③ Remote L : The efforts to maintain and develop the perinatal care system in Amami islands ~with "Yui Sprit"~ (Lecture from Amami islands)
(Dr. Odagiri , Naze Tokusyuikai Hospital)
- ④ Lecture : Development & spread of care system for pregnant and parturient women
(Ms. Ogata, CEO, Melody International Ltd.)
- ⑤ Lecture : V-CUBE and telemedicine
(Mr. Oho, Medical & Healthcare group, V-cube, Inc.)
- ⑥ Remote L : Perinatal Telemedicine in Remote area in Chiang Mai Province
(Lecture from Chiang Mai, Thailand)
(Dr. Supatra Sirichotiyakul Obstetrics & Gynecologist, Chiang Mai Univ., Thailand)
- ⑦ Remote L : For remote care from Hong Kong and London
(Lecture from Hong Kong and London)
(Dr. Ihara, President, Japanese Medical Association of Europe
Dr. Shiono, London Iryo Centre,)
- ⑧ Lecture : Application and demonstration of drone
(Mr. Ono, CEO, KAMOMEYA Inc.)
- ⑨ Practice : Demonstration of Japanese fencing "Kendo"
(Ms. Sakai, Kagawa Univ.)



Lecture: Prof. Takeuchi



Remote Lecture from Hokkaido, Dr. Tatsumi and Dr. Shimmi



Remote Lecture from Amami islands, Dr. Odagiri



Lecture: Ms. Ogata, CEO, Melody International Ltd.



Remote Lecture from Thailand, Dr. Supatra



Remote Lecture from Hong Kong, Dr. Ihara, from London, Dr. Shiono



Application of drone: Lecture and Demonstration



Cultural exchange and experience with Kendo club of Kagawa Univ.



Cultural exchange and experience with Kendo club of Kagawa Univ.



Commemorative photo with Kendo club of Kagawa Univ.

(14) October 31st

- ① Action plan creation (in group)
(Adviser: Mr. Tomomi Takagi, CFO , Melody International Ltd.)
- ② Action plan creation (individual)



Introduction of how to create action plan: Adviser Mr. Takagi



Discussion in each group



Presentation of the discussion result in the group



Presentation of the discussion result in the group



Introduction of advisers of the Action plan



Action plan creation (individual)

(15) November 1st
Action plan presentation



Action plan presentation



Action plan presentation



Action plan presentation



Action plan presentation

(16) November 2nd

- ① Evaluation meeting
- ② General comment
- ③ The diploma conferment
- ④ Farewell lunch party



Evaluation meeting: Prof. Hara



Evaluation meeting: participants



General comment: Prof. Hara



General comment: evaluator



General comment:
Mr. Hoshino, JICA Shikoku
acting branch manager



The diploma conferment



The diploma conferment



The diploma conferment



representative express their gratitude



Final group photograph of this program



Farewell lunch party



On their way home