OUTLINE OF GROUP TRAINING COURSES IN JAPANESE FISCAL YEAR 2004

COURSES STARTING BETWEEN APRIL 2004 AND MARCH 2005



JAPAN INTERNATIONAL COOPERATION AGENCY
(JICA)



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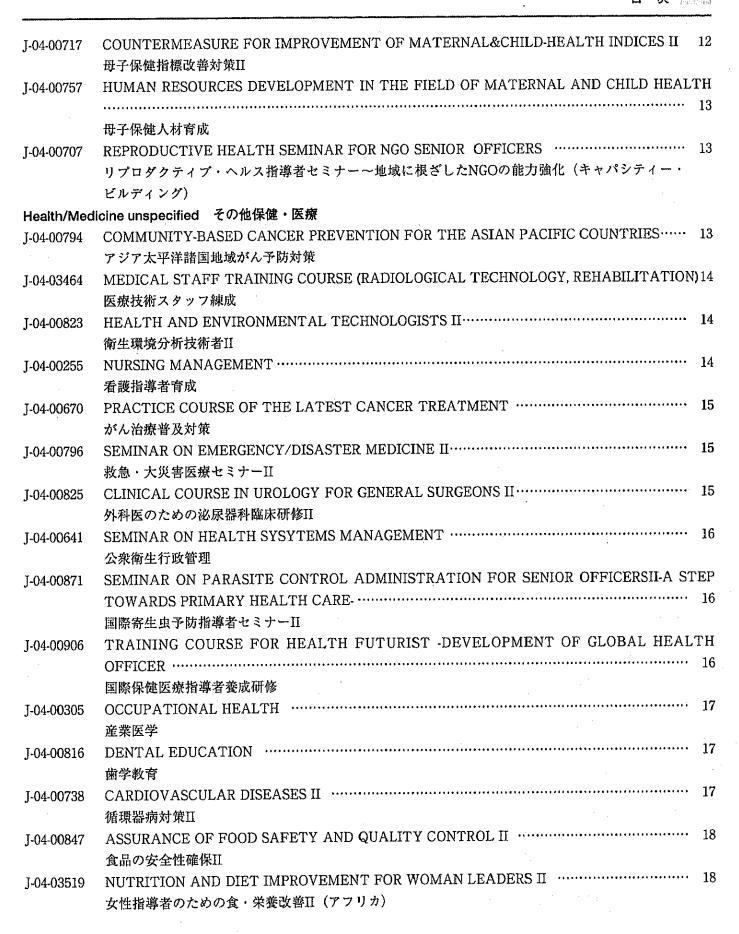
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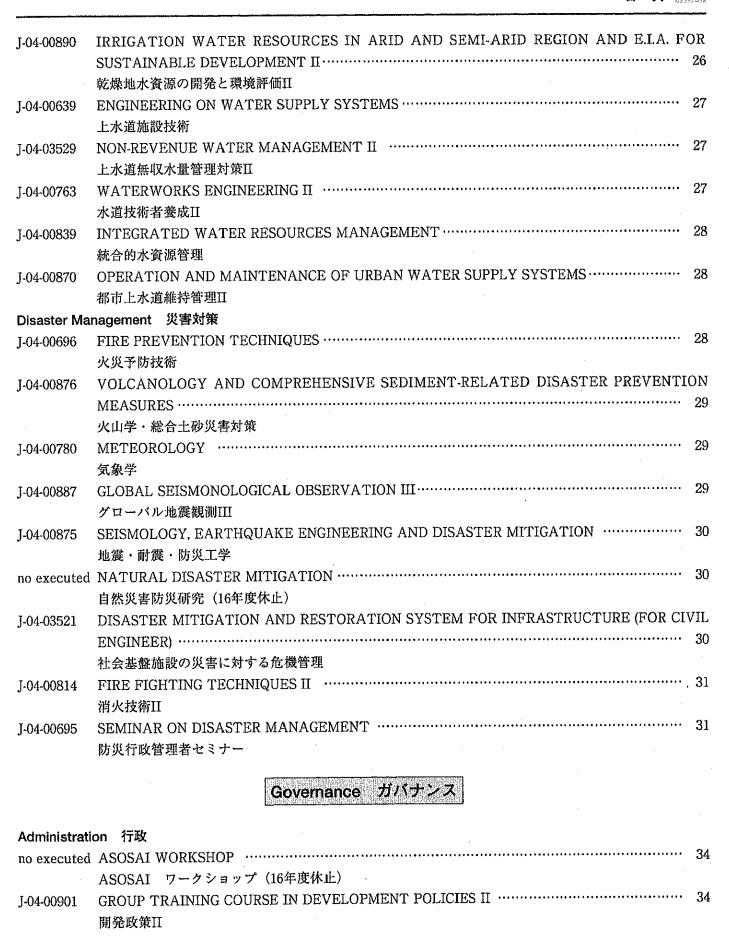
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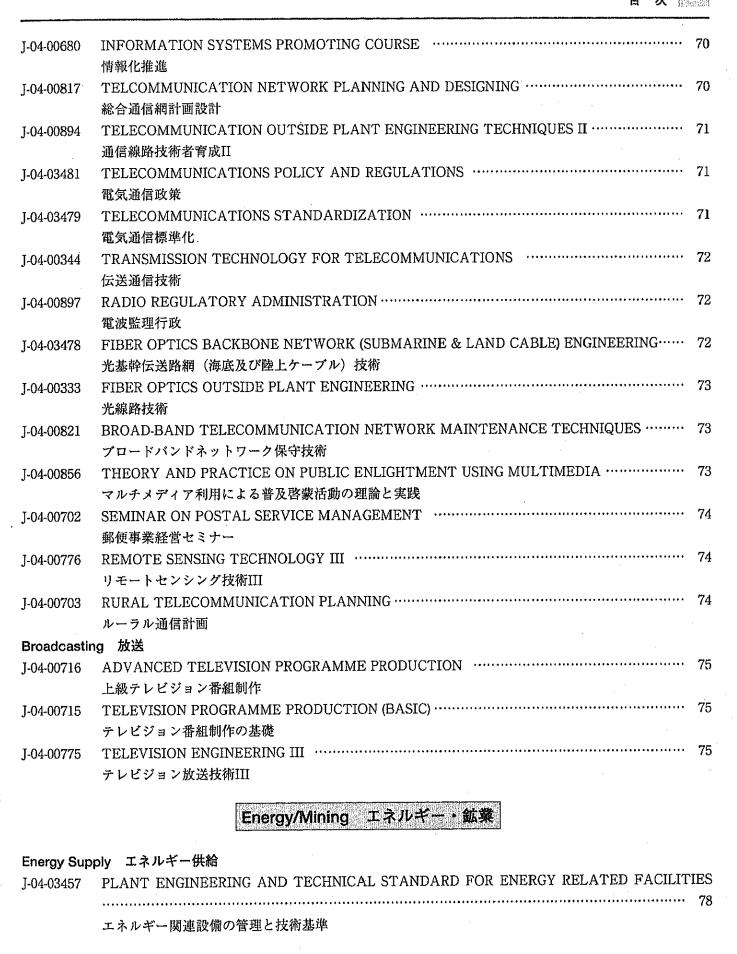
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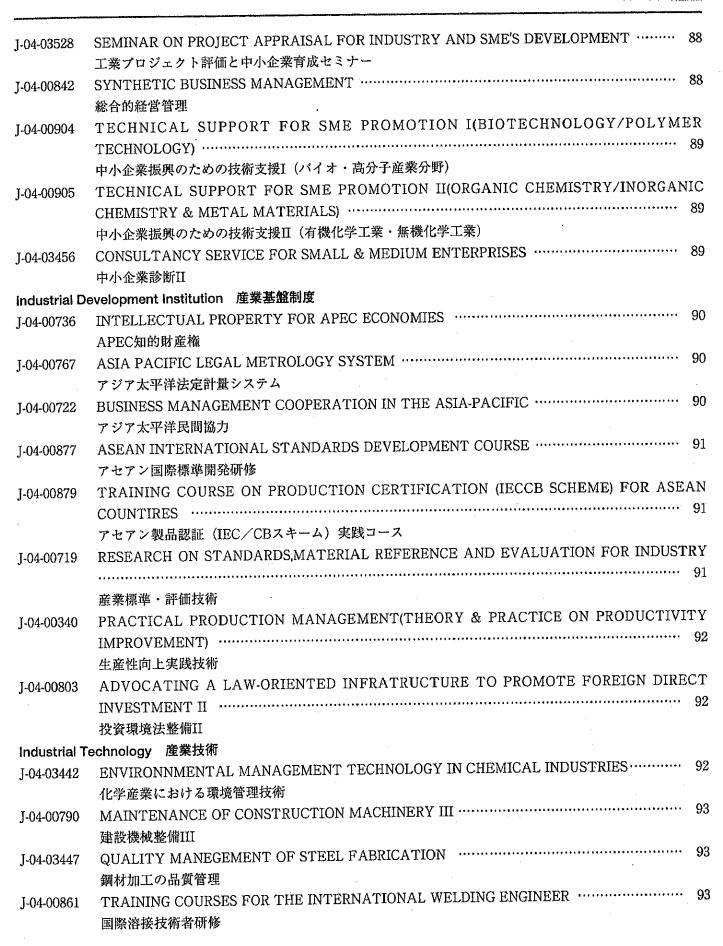


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Education

〈教 育〉

SCIENCE EXPERIMENT IN PRIMARY EDUCATION(SOUTH ASIAN COUNTRIES) II 小学校における理科実験教育(南西アジア諸国) || 8 participants J0403517 Target Region: South Asian countries QUALIFICATION OF APPLICANT OVERALL GOAL / PURPOSE (1) a teacher's trainer for primary education or holder of The course is designed for teachers' trainers for primary education in South Asian coutries. The course certificate for teaching primary education with more than five years experience in this field (2) being in a position of developing introduces science practices utilizing simple and low-cost experiment equipment and materials at the Obihiro Youth Science Museum. The purpose of this course is to acquire knowledge and techniques by developing science experiments with low cost materials based on curriculm of primary education in their and extending this programme of science education (3) at least high school graduate or equivalent countries. (4) between 25 and 45 years of age DURATION Oct. 17, 2004 ~ Dec. 24, 2004 COURSE CONTENTS **COOPERATION PERIOD** LANGUAGE The following major subjects will be covers in the course; (1) overview of Japanese education $2001 \sim 2005$ (2) introduction of primary science education and its extension TRAINING INSTITUTIONS (3) international cooperation in the field of education (4) developing science experiments with low-cost materials (5) observation and discussion through participating primary school classes OBIHIRO BOARD OF EDUCATION JICA CENTER Hokkaido International Center, Obihiro REMARKS Nomination Forms without job report will not be duly considered.

TRAINING OF ENVIRONMENTAL EDUCATION DEVELOPMENT FOR PRIMARY	AND SECONDARY EI	DUCATION
初等、中等教育における環境教育開発トレーニング	rapidoja jaus ilgilijoja ja	
		10 participants J0400759
OVERALL GOAL / PURPOSE	QUALIFICATION OF	APPLICANT
In order to contribute to the environmental conservation, it is essential to provide opportunities to experience the diversity and importance of the natural resources for general public, especially younger generations at primary and secondary education. This course aims to capacity building for the administrative officers in charge of planning/implementing the project for the spread of environmental education.	school teachers at primary planning/implementing env	in central or local government /or and secondary education in charge of ironmental education.
	DURATION	****
COURSE CONTENTS	Oct. 11, 2004 ~ Nov. 21,	2004
(1)Japanese policy and its background on environmental education	LANGUAGE	COOPERATION PERIOD
(2)the method of environmental education and its effectiveness	English	2003 ~ 2007
Environmental Education theory, The concept of nature schools Environmental Education through the nature experience	TRAINING INSTITUTIONS	
(3) Environemental Education through the nature experience in scholl education	NPO INSTITUTE OF WHOLE EARTH	
Obserbation for nature experience program at primary/secondary school Environemntal Education in the community	JICA CENTER	
- Ecotourism	Chubu International Center	
- Program design - evaluation	REMARKS	
 Intoriduction of the project implemented by Shizuoka prefecture Observation of children's camp 		

中等科学教育实技 Target Region:English speaking African countries		6 participants J0403444
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT	
This course aims to deepen capability of secondary school science teachers for developing experiment tools using low-cost, natural materials, and effective teaching methods utilizing those tools. The course objective is to (1)Understand the system and teaching methodology of science education in Japan (2)Aquire experimental and obsevational skills in phisics, chemistry, biology and earth science (3)Develop low-cost materials for science experiments (4)Design a teaching plan	school or in-service trai (2)Have a university de	ning for teachers gree or the equivalent with more than (e
	DURATION	
COURSE CONTENTS	Aug. 10, 2004 ~ Oct.	3, 2004
(1)Outline of Education in Japan	LANGUAGE	COOPERATION PERIOD
(2)Science Experiments and Observations	English	2000 ~ 2004
(3)Individual Training (4)School Visit (5)Study Tour	TRAINING INSTITU	TIONS
In (2), participants experience 4 major fields of science education in Jupan -phisics, chemistry, biology	JICA CENTER	
and earth science. In (3), according to the preferences of participants, training will be provided in the 6 pranches of phisics, chemistry, biology, earth science, science education and science education	Charalta International Conten	
nethodology. The content of the training will be decided after discussion with instructors.	REMARKS	

Secondary Education Development II 中等教育開発II 6 participants J0400888 OVERALL GOAL / PURPOSE QUALIFICATION OF APPLICANT The secondary education sysytem in developing countries are not necessarily at sufficient secondary education administrative officials or teachers in charge levels. Especially, areas related to curriculum including introduction of vocational training, evaluation of curriculum planning in secondary school. (In this course, secondary education indicates the grades from methods and training of teachers are often in need of improvement. In this course, the participants are expected to deepen their understanding of 7th to 12th) 1)Basic concepts in secondary education, 2)current situation of secondary education development in Japan and other developing countries and 3)necessary changes in the secondary education system in each participants country. DURATION COURSE CONTENTS Oct. 18, 2004 ~ Nov. 21, 2004 1. Lecture on basic concepts in secondary education. LANGUAGE COOPERATION PERIOD (History, curriculum, educational administration, evaluation methods, $2004 \sim 2008$ testingsystem training of teachers) TRAINING INSTITUTIONS Observation (Board of education of local government, elementary school, junior high school, private scholl) 3. Exchange meeting with lecturers and teachers JICA CENTER (Q&A time with lecturers, visiting schools and teacher's circle) Chubu International Center REMARKS Secondary Education Development course was established in

SEMINAR ON TRAINING MANAGEMENT IN VOCATIONAL TRAINING INSTITUTIONS 職欺訓練管理セミナー 10 participants J0400345 QUALIFICATION OF APPLICANT OVERALL GOAL / PURPOSE (1) heads presently engaged in management of a vocational The purposes of this seminar are to introduce to the participants the current situation of the human resources development administration and the vocational training management in Japan, to provide them training institution, with the expectation to continue to work in with an opportunity for making a comparative study on management and programming of vocational training between Japan and their countries as well as among the participating countries, and thereby to the same field (2) between 30 and 50 years of age contribute to the improvement of vocational training in each country. DURATION COURSE CONTENTS Jun. 8, 2004 ~ Jul. 25, 2004 **LANGUAGE COOPERATION PERIOD** To achieve the above purpose, the following major subjects have been carefully selected so that the participants will acquire the understanding necessary to apply and/or to make recommendations for the improvement of vocational training institutions in their countries; English 2002 ~ 2006 TRAINING INSTITUTIONS (1) lectures on the economic, social and historical background and the present situation of the human resources development administration in Japan (2) lectures on the management of vocational training institutions and facilities, such as human Overseas Vocational Training Association JICA CENTER management, operation management and physical management (3) observations of public and private vocational training institutions (4) discussions on country reports and presentations of action plans by participants. Hachioji International Center REMARKS Including Japanese Language Course (95hours)

Seminar on Enhancing Vocational Training II 職業別線向上セミナーII		11 participants J0400869
OVERALL GOAL / PURPOSE	QUALIFICATION OF	APPLICANT
The purpose of this course is to introduce the outline of vocational training in Japan to vocational training instructors and increase their knowledge of planning, management, and evaluation of job training courses through practical exercises, as well as to enhance the techniques of teaching methodology and know-how in the development of teaching materials.	5 or more years of explinstitution, and be expetiture, 2. have a suffic English, 3. be between	raining instructor in industrial field with perience in public vocational training seted to work in the same field in the sient command of written and spoken 30 and 45 years of age, 4. be in good and mentally, to undergo the course, and nilitary.
	DURATION	
COURSE CONTENTS	Oct. 5, 2004 ~ Nov. 21	, 2004
1, Outline of Human Resources Development Administration of Japan	LANGUAGE	COOPERATION PERIOD
2. Vocational Training Systems of Japan 3. Role of Vocational Training Instructors in Vocational Training 4. Methodology of Vocational Training: (1) Analysis of training needs	English	2004 ~ 2008
	TRAINING INSTITUTIONS	
	Overseas Vocational Training Association	
(4) Training method (lectures) (5) Training method (practices)	JICA CENTER	
(6) Training evaluation	Tokyo International Center	
Teaching Materials for Vocational Training 1) Preparation and use of practical technique guidebooks	REMARKS	
(2) Teaching techniques by the use of PC 6. Country Report Presentation and Discussion		
7. Exercises 8. Observation Visits		

VOCATIONAL TRAINING INSTRUCTORS (MECHANICAL ENGINEERING FOR INSRUCTORS AND ENGINEERS) 皲浆则破指導员(梭根専門技術) 11 participants J0400785 QUALIFICATION OF APPLICANT OVERALL GOAL / PURPOSE (1) be vocational training instructor or engineer A) in mechanical The course aims to provide participants engaged in vocational/technical profession with requisite engineering B)in automation system or machine control technology (2)he university graduates with at least 5 to 10 years experience (3) the age between 25 to 35 (4)pregnancy is regarded as a disqualifying condition (5)except doctor & master technology and information available in Japan, so that they could share the outcomes of the training to enhance technical standard and productivity in their respective countries. degree holders DURATION Jun. 15, 2004 ~ Feb. 20, 2005 COURSE CONTENTS COOPERATION PERIOD LANGUAGE This course consists of 2 sub courses, A) Mechanical Engineering for Production and B) Machine $1998 \sim 2007$ Automation Technology. A: (1) Machining Technology (2) Precision Measurement (3) Machine Design and Technical Drawing (4) Metaltic Materials and Material Testing (5) Control Engineering (6) Quality Control (7) Numerical Control Equipment (8) CAD/CAM/CAE/CAT (9) Pneumatic Equipment (10) Proparation of Training Materials B: (1) Automation design technology (2) Sensor technology (3) Robotics (4) Sequence control technology (5) Motor control technology (6) Fluid power control technology (7) Air conditioning and refrigeration control technology (8) Welding technology (9) Material testing & analysis (10) Preparation of Training Automation Technology. TRAINING INSTITUTIONS POLYTECHNIC UNIVERSITY(PTU),EHDO JICA CENTER Hachioji International Center REMARKS Japanese language course(125 hours). Number of participants;5-6(Mechanical Engineering for Production),5-6(Automotive Mechanical Engineering)

VOCATIONAL TRAINING INSTRUCTORS (INFORMATION TECHNOLOGY AND COMPUTER FOR INSTRUCTORS AND ENGINEERS) 職難馴願指導爲(憤報技術) 8 participants QUALIFICATION OF APPLICANT OVERALL GOAL / PURPOSE The course aims to provide participants engaged in vocational/technical profession with requisite (1)be vocational training instructor or engineer in information and computer engineering (2) university graduates with at least 3 years of occupational experience in this field (3) the age between 25 to 35 technology and information available in Japan, in order to share the outcomes of the training to enhance technical standard and productivity in their respective countries. (4)pregnancy is regarded as a disqualifying condition (5)except doctor & master degree holders DURATION Jun. 15, 2004 ~ Feb. 20, 2005 COURSE CONTENTS LANGUAGE **COOPERATION PERIOD** This course comprised of lectures and practices, mainly covers: (I) Computer Network 1993 ~ 2007 English (2) Optical Fiber Communication System TRAINING INSTITUTIONS (3) Communication Engineering One-chip Microcomputer Control POLYTECHNIC UNIVERSITY(PTU), EHDO (5) HTML language JICA CENTER (6) Database (7) Unix Hachioji International Center (8) Computer Programming I~III REMARKS (9) In plant training A compulsory intensive Japanese language course will be conducted prior to the technical training for five weeks (125

	hours).	annical framing for live weeks (125
SEMINAR ON HUMAN RESOURCES DEVELOPMENT ADMINISTRATION 職業能力開発行政セミナー		13 participants 30400346
OVERALL GOAL / PURPOSE	QUALIFICATION OF A	PPLICANT
The purposes of the seminar are to introduce to the participants the current situation of human resources development administration in Japan specially placing emphasis on vocational training, and to provide them with an opportunity of making comparative study on this field between Japan and the participating countries as well as among their countries, and thereby to contribute to the improvement of the human resources development administration in the respective countries.	government who is present development administration	
	DURATION	
COURSE CONTENTS	Nov. 9, 2004 ~ Dec. 17, 20	004
To achieve the above purposes, the following major subjects have been carefully selected, so that the	LANGUAGE	COOPERATION PERIOD
participants will acquire the understanding necessary to apply and/or to make recommendations for the improvement of human resources administration in their countries.	ENGLISH	1986 ~ 2006
(1) the economic, social and historical background and the present situation concerning the human	TRAINING INSTITUTIONS	
esources development administration in Japan 2) establishment of training policy and strategy for human resources development administration in Japan	TABAN VOCATIONAL ARRESTV DEVELOPMENT ASSOCIATION	
(3) general methods of management and operation of various types of vocational training institutions in	JICA CENTER	
apan 4) present situation of human resources development in enterprises	Flachioji International Center	
(A) biggelit airthugan of mailling resources development in overshoots	REMARKS	

MECHATRONICS メカトロニクス訓練 8 participants J0400571 OVERALL GOAL / PURPOSE QUALIFICATION OF APPLICANT (1)instructor at technical high school or vocational training school or technical high school (2) have majared in mechanical engineering at universities or technical high schools or possess the equivalent knowledge and experience (3) between 25 and 35 years of any The purpose of this training course is to offer skill improving training to personnel who are currently involved in mechatronics as an instructor. The course further aims to impart to them an understanding of the present situation of mechatronics in Japanese industry With this knowledge it is hoped participants will be in a position to contribute to the human resources development of their home countries. years of age DURATION COURSE CONTENTS Apr. 12, 2004 ~ Dec. 18, 2004 LANGUAGE COOPERATION PERIOD In this course, the emphasis is put on practice. The main themes are: (1) CAD designing (2) Operation of NC machine tools (3) Sequence Control (4) Control systems (5) Automated Machine Manufacturing 1997 ~ 2006 English TRAINING INSTITUTIONS CHIBA POLYTECHNIC CENTER, EHDO JICA CENTER Tokyo International Center REMARKS This course ends with the implementation in 2002.

Industrial Technology Education II 產素技術教育II	10	Participants J0400891
OVERALL GOAL / PURPOSE	QUALIFICATION OF AP	PLICANT
This training course is intended to help development of industrial technology education in developing countries in Africa, Asia, Oceania, and the Middle East by offering the following opportunities to leaders of such countries: 1) overview of industrial technology education in Japan, 2) study of the curriculum and methods in six areas of Japanese technology education, and 3) opportunities to experience Japanese industrial technology.	Central or Local Government	g for educational administration of in industrial technology with over old;
	DURATION	
COURSE CONTENTS	Jun. 14, 2004 ~ Aug. 2, 2004	
(1) Educational Administration in Japan · Overall Educational System · Educational System for Industrial	LANGUAGE	COOPERATION PERIOD
Technology (2)Industrial Technology Education in Japan · How Industrial Technology is taught (purposes, curriculum,	English .	2004 ~ 2008
methods, evaluation) · How Industrial Technology Education is evaluated	TRAINING INSTITUTIONS	
(3) Feachers' Training in Japan · Overall Teachers' Training System · Training System for Industrial Technology Teachers	AICHI UNIVERSITY OF EDUCATION	
(4)Detailed Curriculum and Methods of Industrial Technology Education at Secondary Schools in Japan).	JICA CENTER	
Metalworking and Woodworking • General Knowledge of Machines and Electricity • Scientific Approach to Plant Cultivation • Information Technology	Chubu International Center	
i)Visits and Observations) · Visits to a junior high school, a technical high school, a technical college,	REMARKS	
and in-company training schools in Aichi Prefecture for observing technology classes		
·		

SEMINAR ON LOCAL EDUCATIONAL ADMINISTRATION(SUB-SAHARAN AFRI 地方教育行政セミナー(サブ・サハラアフリカ諸国)II	CAN COUNTRIES)II	
Target Region (Sub-Saharan African countries		10 participants J0400721
OVERALL GOAL / PURPOSE	QUALIFICATION (OF APPLICANT
This course aims to provide an opportunity for administrators in charge of local education to understand the local educational administration system and management, through a curriculum comprised of lectures of educational administration in Sapporo City and Japan, discussions and visits to schools or reralted organization thereby to improve local educational administration in developing countries.	education in the cent	tral or local government (2) university
	DURATION	
COURSE CONTENTS	Jan. 18, 2005 ~ Feb. 2	20, 2005
The course consists of lectures and visits/field trips. Each curriculum is organized to provide effective	LANGUAGE	COOPERATION PERIOD
training from the viewpoint of both theory and practice as follows: (1)educational system in Japan	English	2002 ~ 2006
(2)education in Sapporo City (education board system, education finance, teacher training system) (3)compulsory education, special education, high shool education in Sapporo City	TRAINING INSTITU	JTIONS
(4)Equal Education (5)University education	JICA CENTER	
6)IT education in Japan 7)peace education (including study trip to Hiroshima)	Hokkaido International Center, Sapporo	
[7]nagga advention (including study trip to Llicochime)	REMARKS	

Intensive Course on Museology 複物館象中コース			
		8 participants J0400898	
OVERALL GOAL / PURPOSE	QUALIFICATION OF	APPLICANT	
This course is designed to foster leading specialists in museums by providing techniques and knowledge, which are vital for further development of museums. Participants will learn techniques and knowledge about 'Collection and Documentation', 'Conservation', 'Exhibition' and etc. in this course.	Be university graduates or have equivalent academic background Be museum curators with experience of more than 2 years (The course is dedicated to technical trainings for junior curators. Please note that it is not for museum Directors.)		
	DURATION		
COURSE CONTENTS	Aug. 30, 2004 ~ Dec. 3, 2004		
9 Postinutan jagung	LANGUAGE	COOPERATION PERIOD	
	English	2004 ~ 2008	
(2) Preventive Conservation	TRAINING INSTITUTIONS		
(3) Exhibition (4) Educational Program and Public outreach	NATIONAL MUSEUM OF ETHNOLOGY		
3. Study tour on museums	JICA CENTER		
4. Individual Training 5. Others (Security, Intellectual property right, etc.)	Osaka International Center	8 International Center	
REMARKS			

Planning & Management of the Conservation of Historic Townscape					
町並み保全の手法と選営	在建筑是新产物等30%	Partition in a Property of 19			
		9 participants J0400859			
OVERALL GOAL / PURPOSE	QUALIFICATION OF	APPLICANT			
Townscape is an expression of a town's identity and it is in harmony with the day to-day lives of people. Thus it is imperative that as long as people live, they maintain it. Technology for cultural assets preservation is important, but it is not enough on its own. We also need systematic ways of town planning that involve residents' participation. In this course, participants will learn the concept of and practical measures for the Conservation of Historic Townscape.	historic townscape, cultural Be university graduates or l	archers involved in conservation of administration or town planning nave equivalent academic background			
	DURATION				
COURSE CONTENTS	Aug. 16, 2004 ~ Sep. 18, 2004				
Concept of the conservation of Historic Townscape Measures for the Conservation of Historic Townscape Measures for the Conservation of Cultural Assets	LANGUAGE	COOPERATION PERIOD			
	English	2004 ~ 2008			
4. The Conservation of Historic Townscape in Town Planning	TRAINING INSTITUTIONS				
. Site Visits	COLLEGE OF SCIENCE & ENGINEERING, RITSUMEIK JICA CENTER Osaka International Center				
				REMARKS	
	<u> </u>	<u> </u>			

ENVIRONMENTAL EDUCATION FOCUSED ON FRESH WATER ENVIRONMENT 水環境を主題とする環境教育	OF LENAN L	8 participants J0403487
OVERALL GOAL / PURPOSE	QUALIFICATION (F APPLICANT
The Purpose of this course is to provide the participants with practical knowledge and method of environmental education (mainly fresh water environment) through typical examples and observations, in order to contribute to the enhancement and development of environmental education.	f (1) University/College lecturer or equivalent (2) experience 4 years and under 13 years in this field (3)under 35 years (4) university/college graduate or equivalent (5) Teaching of environmental education or person expected to be in characteristics.	
	DURATION	· · · · · · · · · · · · · · · · · · ·
COURSE CONTENTS	Aug. 23, 2004 ~ Oct. 22, 2004	
	LANGUAGE	COOPERATION PERIOD
rips; 1) locture on environmental education (ecology, earth environment, toxic materials etc.)	English	2000 ~ 2004
2) practice on environmental education (document research study, discussions, analysis, observation	TRAINING INSTITUTIONS	
tudy etc.) 3) lecture on water quality management and environment (basic concept of lake maintenance	Shiga Univ., Int'l Lake Environment Committee Found.	
nanagement, history of water pollution in Japan, restriction of industrial pollution in Japan, environmental	JICA CENTER	
reservation, resident participation, environmental problem in developing countries) 1) observation study of school education and facilities for environmental purification	Osaka International Ce	nter
•	REMARKS	
	ILEC Homepage: http://	/www.ilec.or.ip/

Health /Medicine/Population

〈保健医療・人口〉

SEXUAL TRANSMITTED DISEASE, CONTROL OF AIDS AND ATL AIDS/ATLの疫学及び対策セミナー 10 participants J0400820 QUALIFICATION OF APPLICANT OVERALL GOAL / PURPOSE Through the lectures and practices of AIDS/ATL epidemiology, surveillance, laboratory diagnosis, as well as sociological approach, this course is designed to provide the skills on how to construct measures (1) middle level administrator or higher rank officials involved in AIDS/ATL-related services, or epidemiologist or clinical specialist with more than 5 years of working experiences. All for prevention from the infectious diseases, how to innovate the method of treatment. After their return applicants are required of their MD registered license to home countries, the participants will be able to dedicate themselves to the development of AIDS/ATL (2) age under 45 years at time of application research, adapting the acquired knowledge to their own situation. DURATION Aug. 2, 2004 ~ Aug. 30, 2004 **COURSE CONTENTS** LANGUAGE **COOPERATION PERIOD** Considering various medical situations in developing countries, global AIDS strategy is studied by technology transfer through lectures, group discussions and practices on, AIDS epidemiology, preventive measures, blood programme and blood safety diagnosis/treatment skills, and surveillance, as well as visits 2003 ~ 2007 English TRAINING INSTITUTIONS to laboratories and research institutions. NATIONAL HOSPITAL ORGANIZATION KUMAMOTO MEDICAL CENTER JICA CENTER Kyusyu International Center REMARKS

ADVANCED LABORATORY TECHNOLOGY FOR CARE AND MANAGENENT OF HIV-1 INFECTED INDIVIDUALS HIV感染者のケアとマネジメントのための高度診断技術 10 participants J0400787 Target Region: West Pacific, Southeastasia, Africa QUALIFICATION OF APPLICANT OVERALL GOAL / PURPOSE Through the survey lectures on several areas of HIV/AIDS study (epidemiology, virology, pathology etc) (1)be engaged in or in a position to supervise actural laboratory and practices in small groups, the participants are expected to aquire fundamental knowledge and techniques needed to perform accurate laboratory diagnosis of HIV infection. Promotion of development diagnosis of HIV infection. (2)be willing and able to participate in follow-up and future collaborative work in this field (3)have of human resources and network to facilitate the control of HIV epidemics are also enviasged. experience in laboratory diagnosis of infectious diseases (viral or bacterial disease) for 4-10 years. DURATION COURSE CONTENTS Jun. 22, 2004 ~ Aug. 1, 2004 **COOPERATION PERIOD** LANGUAGE (Lecture) (1) Biosafety issue in handling HIV specimens, (2) HIV/AIDS epidemiology, (3)Retrovirology; (4) English 2003 ~ 2007 Principles of serodiagnosis, (5)Principls of nucleic acid-based diagnosis, (6)Pathology of HIV infection TRAINING INSTITUTIONS (6)HIV vaccine, (7)Phylogenetic tree analysis NATIONAL INSTITUTE OF INFECTIOUS DISEASES (1) Serodiagnostic techniques (ELISA, PA, WB etc.)(2) Nucleic acid based assays(PCR,RT PCR, Viral JICA CENTER load determination, DNA sequencing) Hachioji International Center REMARKS

肝炎の疫学とその予防対策治療セミナー		10 participants: J0400819
OVERALL GOAL / PURPOSE	QUALIFICATION OF	APPLICANT
After learning from the latest information of various viral hepatitis, this course is designed in order to provide the participants with the skills on establishing the strategic policies on local and international levels of diagnosis, treatment, and prevention of horizontal/maternal infection, executing preventive measures, and promoting health education in respective countries.	ıl clinical researcher with MD registered license,(2) Those	
COURSE CONTENTS	Aug. 23, 2004 ~ Sep. 20, 2004	
assesment, vaccine production, pathology and surveillance measures; (2) Laboratory practice, which is \vdash	LANGUAGE	COOPERATION PERIOD
	English	2003 ~ 2007
	TRAINING INSTITUTIONS	
antigens through microbiological diagnosis; and (3) field visits to related institutes.	National Flospital Org, Kumamoto Medical Center	
•	JICA CENTER	
	Kyusyu International Center	
	REMARKS	

磁染管理指導者發成研修 6 participants J0400773 OVERALL GOAL / PURPOSE QUALIFICATION OF APPLICANT 1 To learn basic measures necessary to hospital infection control such as standard precaution, measures based on transmission route, methods to prevent occupational infection. 1 Leading clinicians in charge of infection control and prevention at core hospitals at core hospitals 22 Clinisians or administrative officers in charge of developing infection control and prevention activities and/or training their human resources at local and national level. 2 To understand the system and function of Infection Control Team. 3 To realize the roles of related institutions to control community infection 4 To understand the roles of quarantine services and its supporting hospital. 5 To understand the safe management of infectious wastes. 6 To take to improve the problems related to infection control. 3 To have experiences above mentioned area more than 5years. DURATION COURSE CONTENTS Nov. 1, 2005 ~ Dec. 4, 2005 This course is composed of lectures, observation tour, Practice and Discussion. 1)Lectures; Standard Precaution, Sterlization, Occupational Infection, Infection Control Team, Risk Management, Surveillance, Infection Control and Health Economics, Education and Human Resources LANGUAGE **COOPERATION PERIOD** English $2003 \sim 2007$ TRAINING INSTITUTIONS 2)Observation; Infection Control at Hospitals (Small to National level), Infectious Waste Disposal, Water INTERNATIONAL MEDICAL CENTER OF JAPAN supply and Sewerage system, Group Vaccine, enc. 3)Practice; Identification of Pathogen 4)Discussion; Making a manual for infection control(including the infectious waste management), Making JICA CENTER Tokyo International Center an Action Plan REMARKS

TRAINING COURSE FOR THE SPECIALIST OF INFECTION CONTROL AND PREVENTION

TUBERCULOSIS CONTROL LABORATORY MANAGEMENT	acarajusa a Avoda	re in Grand a digital to the
結核対策細菌検査マネージメント		
		5 participants J0400642
OVERALL GOAL / PURPOSE	QUALIFICATION OF A	
The purpose of the course is to educate the leaders of laboratory works on training methods and to promote nationwide tuberculosis control programmes in participating countries.	management of laboratory wo region/country and the traini	medical doctor responsible for the rks in TB control programme in the mg of health personnel in laboratory of (2) Age between 26 and 50 (3) squalifying condition
	DURATION	· · · · · · · · · · · · · · · · · · ·
COURSE CONTENTS	Sep. 21, 2004 ~ Nov. 28, 2004	
In this training course, the emphasis is placed on the management and evaluation of TB laboratory	LANGUAGE	COOPERATION PERIOD
system, importance of bacteriological examination such as case-finding in tuberculosis control programmes, how to evaluate staining method of mycobacteria, the way to isolate culture from specimens	English	2000 ~ 2004
of tuberculosis patients, the sensitivity test for anti-tuberculosis drugs, the identification of		
mycobacterium tuberculosis from other mycobacteria, etc.	THE RESEARCH INSTITUTE OF TUBERCULOSIS, JATA	
	JICA CENTER	
	Hachioji International Center	
	REMARKS	
	If tuberculin test is negativaccination before departure.	ive, it is advised to have BCG

LEADERSHIP TRAINING IN TUBERCULOSIS PROGRAMME MANAGEMENT	eral en	
器核対策リーダーシップ訓練		Guidens il digeneral suon len m approprietta proprietta del minimo sono co
and the constitution of th	12	participants J0403507
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT	
The purpose of this course is to build up the ability of the participants to manage a national tuberculosis programme, to set up strategy for implementation and improvement of the programme, to evaluate the programme through lectures, discussions, workshops, observation tours, and also by exchange of experiences and views with the participants from other countries, and to prepare the individual action plan, to contribute to the strengthening of the programmes of the countries concerned	(1)decision makers* in the Health Service Department of the Ministry of Health(2)sufficient command of spoken and writt English, basics skill of typing(3)basic typing skill in English(4)tage between 35 and 65(5)good health, both physically at mentally, to undergo the training, Pregnancy is regarded as disqualifying condition(6)not be serving in the military	
	DURATION	
COURSE CONTENTS	Jan. 11, 2005 ~ Feb. 6, 2005	
Methods of training consists of lectures, workshop and field observations. Subjects are (1) update the knowledge of the modern TB control measures (2) understand the key issues in TB control	LANGUAGE	COOPERATION PERIOD
	English	2001 ~ 2005
(3) discuss priority activities in the TB control programme	TRAINING INSTITUTIONS	
develop a recommendation as a consensus of the participants to promote TB control programme	THE RESEARCH INSTITUTE OF TUBERCULOSIS, JATA	
	JICA CENTER	
	Hachioji International Center	
	REMARKS	
,		th Dep., Dir. of Health Planning ent Unit, Dir. of Health Finance Manager

INPROVEMENT OF VIROLOGICAL TECHNIQUE FOR THE GLOBAL POLIO ERADICATION PROGRAMME 地球規模ポリオ根絶のためのウイルス検査技術の質的向上 Target Region: Countries which are under the WHO Polio Laboratory Network 7 participants J0400739 OVERALL GOAL / PURPOSE QUALIFICATION OF APPLICANT The purpose of this training course is to provide the participants with; (1) standard technique of cell culture (2) standard technique of isolation and identification of poliovirus (3) introduction to molecular (1) be presently engaged in laboratory diagnosis of polioviruses at national or provincial organization and be expected to work in epidemiology of poliomyelitis, and (4) information on the outline of polio vaccine control. the same field in the future, (2) be in a position to write a progress report about six month after resuming office in the home country. DURATION COURSE CONTENTS Jan. 24, 2005 ~ Feb. 18, 2005 LANGUAGE **COOPERATION PERIOD** (1) Lecture Overview on global polio eradication - Polioviruses - Pathology of poliomyelitis - Data collected in RRL - Polio Surveillance in Western Pacific Region - Isolation and identification of poliovirus - Laboratory diagnosis of enterovirus - Active research for AFP - Laboratory containment (2) Practical Training - Cell culture - Virus isolation from fecal samples - Titration of polioviruses - Identification of polioviruses - Determing neutralizing antibodies to polioviruses - Intratypic differentiation by using PCR-RFLP 2002 ~ 2006 English TRAINING INSTITUTIONS NATIONAL INSTITUTE OF INFECTIOUS DISEASES JICA CENTER Hachioji International Center REMARKS This course is designed for those who are engaged in laboratory diagnosis of polioviruses in the National Laboratory under the Global WHO Laboratory Network.

	<u> </u>	
MANAGING TUBERCULOSIS AT INTERMEDIATE-LEVEL 中間レベル競技管理		16 participants J0400638
OVERALL GOAL / PURPOSE	OUALIEICATION O	
The purpose of the course is to provide training to key organizers of the national tuberculosis programme	QUALIFICATION OF APPLICANT	
in the effective methods of tuberculosis control, in order to prepare them for developing or implementing the programme in a rational, realistic and efficient manner under their own country's socio-economic conditions.	the national tuberculosis control programme, preferably has	
	DURATION	
COURSE CONTENTS	May. 11, 2004 ~ Aug.	8, 2004
The teaching methods include lectures with discussion, practical training, workshop and field visits. Main	LANGUAGE	COOPERATION PERIOD
subjects are (1) Basics of TB: Epidemiology, Immunology, Bacteriology, Statistics, HIV/TB, Management,	English	2000 ~ 2004
	TRAINING INSTITUTIONS	
(2) Epidemiological Analysis (3) National TB program: Essential components, Research activity, WHO module	THE RESEARCH INSTITUTE OF TUBERCULOSIS, JATA	
(4) Development of Action plan.	JICA CENTER	
	Hachioji International Center	
	REMARKS	

RESEARCH FOR TROPICAL MEDICINE II 熱帯医学研究D		8 participants J0400813		
OVERALL GOAL / PURPOSE	QUALIFICATION OF A	PPLICANT		
The purpose of this course is to invite junior or senior scientists to Japan and to provide them with specialized training in tropical disease research and health promotion in the developing countries.	(1) presently employed either at Ministry of Health or mesearch laboratories or NGOs (2) medical doctor or graftom faculties of biology, pharmacy or have at least three yes occupational experience in medical field (3) 24 to 40 years. DURATION			
COURSE CONTENTS	Jan. 3, 2005 ~ Dec. 12, 2005			
The course entitles participants to intensive research training at one of ten departmens and a center of	LANGUAGE	COOPERATION PERIOD		
nstitute of Tropical Medicine. The training course includes lectures and mainly consitsts of basic esearch through laboratory works according to the research plan proposed by the course participants.	English	2003 ~ 2007		
heir supervisors and Institute members	TRAINING INSTITUTIONS			
parasitology virology bacteriology	INSTITUTE OF TROPICAL MEDICINE, NAGASAKI, UNIV. JICA CENTER Kyusyu International Center REMARKS			
			6) protozoology 7) medical entomology	
			8) blockemistry 9) internal medicine 10) social environment. Although the course consists of those lectures, the basic research through xperimental works is provided to the participants.	

PRACTICE COURSE ON THERAPY AND PREVENTION OF LEPROSY ハンセン病の治療及び予防の実践 5 participants J0400740 OVERALL GOAL / PURPOSE QUALIFICATION OF APPLICANT (1) be a researcher or a medical doctor who graduated from a The purpose of the course is to enable participants to pursue further theoretical and experimental studies on leprosy. They will learn up-to-date knowledge and technology indispensable to leprosy control through assigned laboratory research work. The acquired knowledge, technology, and the cultivated faculty of science, pharmacy, medeical technology or have equivalent academic background. research mind will be useful not only for leprosy control but will also contribute to the development of (2) be presently engaged in research or clinical work on leprosy biomedical sciences in participating countries. in an organization, (3) be less than forty (40) years of age, DURATION COURSE CONTENTS Apr. 6, 2004 ~ Dec. 12, 2004 Development of new therapeutic tools against disease induced by Mycobacteium leprae infection. 2. Development of vaccine against Mycobacterium leprae. 3. Molecular biological detection of drug resistant LANGUAGE COOPERATION PERIOD 2002 ~ 2006 English Mycobacterium leprae. 4. Studies on the development of antileprous chemotherapeutics. 5. Typing of Mycobacterium leprae isolates. 6. Studies on macrophage-Mycobacterium leprae interaction. 7. Molecular biological studies on host genetic factor(s) against Mycobacterium leprae infection. 8. Analysis TRAINING INSTITUTIONS LEPROSY RESEARCH CENTER NIID of immune responses to Mycobacterium leprae infection. 9. Mechanisms of infection, disease progression and neural injury against leprosy. 10. Study to overcome drug resistance in mycobacteria, 11. Molecular cloning of mycbacterial genes using PCR amplification. JICA CENTER Hachioji International Center REMARKS

A compulsory intensive Japanese language course will be

conducted prior to the technical training for 100

Development of Laboratory Diagnosis of Resistant Microbea II 展開創性病原体の斑白斑白癬 8 participants J0400884 OVERALL GOAL / PURPOSE QUALIFICATION OF APPLICANT The purpose of this training course is to provide participants with knowledge and techniques on microbe (1)Those who has the basic knowledge of prevention of infectious identification, drug resistant environment, drug resistant mechanisms and its method and countermeasures for microbes drug resistance. diseases, bacteriology, the techniques regarding antibiotics use and testing, (2) Laboratory technologists or microbiologists, working in hospital clinical/public health/other laboratory collaborating with national infectious disease control.(3) Manager of middle level or above, and(4) less than 45 years of age DURATION COURSE CONTENTS Nov. 1, 2004 ~ Mar. 27, 2005 **COOPERATION PERIOD** LANGUAGE In this course, the emphasis is put on practical exercise in the laboratory. The subjects covered in the course are: (1)basic lectures (a) antimicrobial susceptibility testing principle $2004 \sim 2008$ and practice, (b) control of infectious diseases in the developing countries, (c) current topics on tuberculosis, (d) drug resistant testing on malaria, (e) enzyme inhibitors produced by micro-organisms, (f) function of bacterial toxin, (g) global situation of viral infectious diseases, (h) host-microbe interaction, (i) laboratory safety, (j) mechanisms of antibiotic resistance, (k) MRSA infection and nosocomial infection control, (l) recent topics of bacterial infections, (m) retrovirus infection, (n) screening for new microbial TRAINING INSTITUTIONS AGENCY FOR COOPERATION IN INTERNATIONAL HEALTH JICA CENTER products, (o) surveillance system for infectious diseases and pathogen; and (2) practice (a) assay of inhibitory activity, (b) bioassay of antibiotics, (c) isolation and identification of bacteria, (d) PCR Kyusyu International Center methods, (e) susceptibility test of multi-drug resistant organisms. REMARKS

	<u> </u>	
VACCINE QUALITY CONTROL TECHNOLOGY		
ワクチン品質管理技術		
		4 participants J0400367
OVERALL GOAL / PURPOSE	QUALIFICATION OF A	PPLICANT
The participants are expected to acquire quality control technology for an acceptance inspection of their domestically produced or imported vaccines and techniques for preserving, transporting or using vaccine correctly in their countries.	(1) university/college graduate or equivalent with occupation experience of more than 3 years in developing, manufacturing quality control of biological products (2) under 35 years of age (3)National vaccine testing or quality control institute(cf, No autholize by WHO	
	DURATION	
COURSE CONTENTS	Aug. 16, 2004 ~ Dec. 19, 2004	
This course consists of common subjects for all participants and group work at laboratory. Common	LANGUAGE	COOPERATION PERIOD
subjects are: (1) quality control technology for DPT vaccine.	English	1987 ~ 2006
(2) effect of transportation and preservation conditions on the vaccine quality	TRAINING INSTITUTIONS	
(3) good manufacturing practice. Participants will be focusing on "diphtheria pertussis-tetanus combined vaccine," and will be engaged in the same field after returning to their country	RESEARCH FOUND. FOR MICROBIAL DISEASES, OSAKA UNIV.	
vaccine, and will be engaged in the same neith after returning to their country	JICA CENTER	
	Osaka International Center	
	REMARKS	
	Collaboation programme with Participants are expected to returning to their country	WHO be engaged in the same field after

Seminar on Eraclication of Vaccine Preventable Disease II ワクチン予防可能疾恩の撤絶セミナール J0400880 7 participants QUALIFICATION OF APPLICANT OVERALL GOAL / PURPOSE The vaccines are most powerful tool for effective control or eradication of infectious disease. 1.Medical doctors and at the same time, managers responsible for the national EPI and/or polio eradication programme or seminar is (1) to review these various eradication programmes being undertaken, (2) to analyze pros and cons for its implementation, (3) to find out the reasons for success or failure of the programme and (4) to persons of the equivalent position, 2. Those who are responsible discuss lessons learnt in order to plan for the improvement of current or future eradication programmes. for national programme of infectious disease control, 3.50 years Also, the seminar aimed at analysis of how eradication efforts to contribute to other immunization of age or less, 4. Those who has the basic knowledge of programmes as well as development of overall health service development. prevention of infectious diseases DURATION Jun. 14, 2004 ~ Jul. 26, 2004 COURSE CONTENTS COOPERATION PERIOD LANGUAGE 1. Analysis of problems of current eradication/elimination programmes of vaccine preventable diseases and consideration of its solution. 2004 ~ 2008 English 2.Importance of surveillance of infectious diseases. TRAINING INSTITUTIONS 3. Prevention of infectious diseases and vaccine. AGENCY FOR COOPERATION IN INTERNATIONAL HEALTH 4. International cooperation 5. Group discussion JICA CENTER 6.Field visit Kyusyu International Center 0.4 (1.1<mark>.4</mark>4) REMARKS

Seminar on Adolescent Sexual and Reproductive Health. Subtitle: Towards Youth Involvement and Creation of Youth Friendly Environment 「思春期保健セミナー」副題:若者参加と環境づくりにむけて 12 participants J0400868 QUALIFICATION OF APPLICANT OVERALL GOAL / PURPOSE Purpose of the seminar is to train ASRH programme administrators and implementors for better ASRH service/information, peer counseling/education and responsible decision-making capacity of the youth (1) be programme administrators or implementers in the field of sexual and reproductive health of adolescents from GOs or By the end of the course, participants are expected to have:
(1) Acquired effective "skills" in approaching youth
(2) Acquired better understanding on the concept and be able to develop the effective strategy in creation NGOs (2) have sufficient knowledge and at least three years of working experience in the field of adolescent health education, (3) be under 50 years of age, (4) good command of spoken and written English, of conducive environment (3) Developed an Action Plan (Strategy) DURATION (1) Acquire effective "skills" in approaching youth
Peer education skill
Sexuality
Sexuality Jun. 22, 2004 ~ Jul. 18, 2004 **COOPERATION PERIOD** LANGUAGE Youth involvement
Youth involvement
Peer education skill
Communication skill (parents and children)
Sexuality
Value life approach /building self esteem
Team teaching
Life skill(comprehensive approach)
Behavior change communication (IEC/BCC skill)
(2) Acquire better understanding on the concept and be able to develop the effective strategy in "creation of conductive environment" $2004 \sim 2008$ English TRAINING INSTITUTIONS JAPANESE ORG, FOR INTERNATIONAL COOPERATION IN FP (2) Acquire better understanding on the concept and second conductive environment"

Cooperation and Networking of experts and organizations concerned with ASRH (ex.Tochigi Society on Adelescent Fleatth)

Networking among GOs and NGOs

Training programme by NGO (JFPA) for leaders in ASRH program

Youth friendly clinic and services

Development of comprehensive guideline of sex education JICA CENTER Tokyo International Center REMARKS

COUNTERMEASURE FOR IMPROVEMENT OF MATERNAL&CHILD-HEALTH IND 母子保險指棋改養対策II		
OVERALL GOAL / PURPOSE	QUALIFICATION O	8 participants J0400717 F APPLICANT
This seminar will review development history of maternal and child health in Japan over the last 50 years, identify the pros and cons of measures taken during this period and discuss the applicability of such history towards the improvement of MCH index. Special attention will be focused on expanded immunization programme together with epidemiological surveillance of infectious diseases, Integrated Management of Childhood Illness (IMCI) and vertical transmission of infectious diseases. Participants will also review logistic problems relevant to health activities.	(1)Medical doctors or medical strategy officer of senior positive who are responsible for national formulation of maternity child health strategy and its execution, preferably for Integ Management of Childhood Illness (IMCI)	
	DURATION	
COURSE CONTENTS	Apr. 26, 2004 ~ Jun. 1	3, 2004
20 Control of the state of the	LANGUAGE	COOPERATION PERIOD
	English	2001 ~ 2005
3) Current situation and problems of vaccination programme 4) Epidemiological surveillance of infectious diseases	TRAINING INSTITUTIONS	
6) Prevention of vertical infection 6) Group discussion	AGENCY FOR COOPERATION IN INTERNATIONAL HEALTH	
7) Field visit to hospitals, public health center and related institutes	JICA CENTER	
	Kyusyu International Center	
	REMARKS	

HUMAN RESOURCES DEVELOPMENT IN THE FIELD OF MATERNAL AND CHILD HEALTH 母子保健人材育成 8 participants J0400757 OVERALL GOAL / PURPOSE QUALIFICATION OF APPLICANT (1)Understand in-service training and pre-service training system and policies of Japan. (2)Deepen the understanding of the role and coopration between birth centers, health care centers, hopspitals and universities. (3)Explore the solution of aursing problem in each country. (1)be certified nurse or midwife with more than five year's experience. (2)be more than 25 years of age, not more than 45 years of age (3)be a professor in charge of nurse or midwife training in university or equivalent, or be a head nurse or equivalent in charge of nurse and midwife training in hospital. DURATION COURSE CONTENTS May. 18, 2004 ~ Jul. 11, 2004 (1)Overview of Medical Administration in Japan. LANGUAGE **COOPERATION PERIOD** (1)Overview of Medical Administration in Japan. (2)Public Fleath and Nursing System in Japan. (3)Mother and Child Fleathcare System in Japan. (4)Pre-service Training for Nursing in College. (5)In-service Training for Nursing in Hospital. (6)Education about Nutritional Advice and Prevention of Infection from Mother to Infants. English 2003 ~ 2007 TRAINING INSTITUTIONS ASAHIKAWA MEDICAL COLLEGE JICA CENTER Flokkaido International Center, Sapporo REMARKS

		12 participants J0400707
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT	
The purpose of this seminar is to understand the concept and strategy of NGO's capacity building for better coordination between governmental organization (GO) and NGOs in reproductive health/family planing programmes. At the end of the seminar, each participants should be able 1) Acquire the knowledge and experiences of NGO's roles as pioneer. 2) Devolop an action plan along the following issues; GO-NGO partnership, Sustainable RH strategies, Community-based RH, human	1)be an executive official/manager in administration, planning implementation of the RH/FP programmes in NGO 2)have a competent command of spoken and written English 3)Be 25 ~ 50 years of age	
and social resources at national and local levels		
COURSE CONTENTS	Aug. 31, 2004 ~ Sep. 26, 2004	
	LANGUAGE	COOPERATION PERIOD
l)Global overview in reproductive health 2)Situation of sustainable strategy by NGOs in Japan	English .	2001 ~ 2005
3)Coordination and collaboration among GO and NGO in Japan	TRAINING INSTITUTIONS	
DCommunity-based RH/FP strategy in Japan Presentation and Discussion for sharing experience and knowledge among participants	JAPANESE ORG. FOR INTERNATIONAL COOPERATION IN FP	
Case presentation on community participatory RH/FP programmes	JICA CENTER	
DRH/FP programmes-strategies towards self-reliance BCollaboration and coordination between GO and NGO in RH/FP	Tokyo International Center	
S.Study trip to observe case studies S.Action plan development based on the training experience	REMARKS	

COMMUNITY-BASED CANCER PREVENTION FOR THE ASIAN PACIFIC COUNTYSTATE ASIAN PACI	TRIES	
Target Region: Asian Pacific countries		10 participants J0400794
OVERALL GOAL / PURPOSE	QUALIFICATION OF	APPLICANT
This course is aimed to enhance cancer prevention counteractions in the countries with limited medical resources of cancer prevention, through the training on primary cancer prevention, secondary cancer prevention, and cancer diagnosis and treatment. After acquiring cancer prevention counterplans and knowledge through the course, the participants are required to difuse these latest epidemioloogical knowledge and techniques, and grow medical people.	also is responsible for the community-based cancer prevention [(2) he under forty years of age	
	DURATION	
COURSE CONTENTS	Feb. 14, 2005 ~ Mar. 21	, 2005
The course is consisted of lectures, practices, discussions and field trip. Training Subjects are:	LANGUAGE	COOPERATION PERIOD
 Outline of Epidemiology :Definition and History, Indicator, Overview of Epidemiological Studies, etc Details of Epidemiology :Demographic Epidemiology, Analytical Epidemiology (Case-control Studies, 	English	2003 ~ 2007
Cohort Studies), etc	TRAINING INSTITUTIONS	
Molecular Epidemiology Utilization of Clinical Test Result,	AICHI CANCER CENTER RESEARCH INSTITUTE	
Data Processing and Analysis Methods	JICA CENTER	
3.Cancer Prevention :Primary Prevention, Secondary Prevention, Planning and Designing of Cancer Prevention Scheme	Chubu International Center	
	REMARKS	
	1998-2002:Community-B	ased Cancer Prevention

MEDICAL STAFF TRAINING COURSE (RADIOLOGICAL TECHNOLOGY, REHABILITATION) 医療技術スタッフ様成 15 participants J0403464 QUALIFICATION OF APPLICANT OVERALL GOAL / PURPOSE The purpose of the training is to train the medical staffs including radiographers, physical therapists and occupational therapists who will apply the appropriate skills to the local society. (1)recommendation by the President of the institution or the Radiological Technologist/ Therapists association(2)work experi ence of more than 5 years in their profession(3)presently engaged in the practical service of the field (4) not be a doctor, nurse, researcher, teacher (5) under 45 years of age,: younger (under 40) applicants preferred DURATION Jan. 10, 2005 ~ Mar. 26, 2005 **COURSE CONTENTS** LANGUAGE **COOPERATION PERIOD** 1. Joint Programme for A Group and B Group Medical Situation and Insurance System in Japan/ Public Health/ Outline of Team Medical Care/ Concept of Data Processing/ Risk Management English 2000 ~ 2004 TRAINING INSTITUTIONS 2. A Group (Radiological Technology) Protection Against Radiation/ Quality Control of Images/ Equipment and Maintenance of Imaging Equipment/ Basis and Outline of Photosensitive Materials, and Factors of Image Processing JAPAN INTERNATIONAL MEDICAL TECHNOLOGY FOUNDATION JICA CENTER 3. B Group (Rehabilitation) o. a croup tremaintation/ Introduction of Rehabilitation/ Management of CBR/ International Classification of Functioning and Disability (ICIDH) /Physical and Therapy for Disabled Children / What is CBR and its workshop/ Home excise and programme for Disabled Children/ Appropriate Technology (Wheel Chair, Splint, Brace, Device etc.)/ Classification of Disability through Case Presentation Hyogo International Center REMARKS A compulsory intensive Japanese language course will be conducted for $25\ \text{hours}.$

HEALTH AND ENVIRONMENTAL TECHNOLOGISTS II 前生環境分析技術者II	10 de	participants J0400823
OVERALL GOAL / PURPOSE	QUALIFICATION OF AP	PLICANT
The purpose of this training course (sub-courses for 6 fields) is to provide participants, who are presently engaged as laboratory technologists in the field of public health and environment matters, with fundamental and practical knowledge of Sampling, Data Analysis and so on through lectures, laboratory work and observations.	(1) presently engaged in research work as a laboratory technologist in the field of public health and environment matters (2) university graduate or equivalent (3) having occupational experience of more than three years (4) not be doctor's degree holders, medical doctors, or professors, (5) 25-40 years of age	
	DURATION	
COURSE CONTENTS	Jul. 20, 2004 ~ Oct. 24, 2004	
This course consists of common subjects for all participants and individual laboratory work. Each	LANGUAGE	COOPERATION PERIOD
participant is to take one of the following subjects for their individual research:	English	2003 ~ 2007
(1)Infectious Disease (Bacteriology / Parasitology) FY 2003,2005,2007, Infectious Disease (Virology) FY 2004,2006, (2)Medical Zoology FY 2003-2007,	TRAINING INSTITUTIONS	
	OKINAWA PREFECTURAL, INS, OF HEALTH AND ENVIRONMENT	
(3)Food Chemistry (Residual Pesticides) FY 2003,2005,2007, Food Chemistry (Chemical Food Poisoning) FY 2004,2006,	JICA CENTER	
(4)Air Pollution FY 2003-2007,	Okinawa International Center	
(6)Soil Run-off Monitoring FY 2003-2007, The main themse are sampling methods of analysis & techniques in the field of sub-course.	REMARKS	
	Note:Each 2 sub-courses (Infection Disease, Water Pollution, Food Chemistry) are carried out by turns every year.	

		8 participants J0400255
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT	
The purpose of this training course is to provide nursing supervisors, head nurses and experienced nurses working in the clinical fields, with an opportunity to strengthen their managerial ability. Consequently, the course aims to contribute to improve and enhance the quality of nursing management and nursing services at their institutions/hospitals in their respective countries.	(1)be a nursing manager in clinical fields with three-five(3-5)years of experience as nursing director,vice-nursing director,head nurse and chief nurse(vice-head nurse),or nurse who have more than 7 years experience (2)be under 45 years of age	
	DURATION	
COURSE CONTENTS	May. 11, 2004 ~ Sep. 12, 2004	
By the end of the course, participants are expected to have: (1) understood the principles of nursing management, (2) learned the practical aspects of the nursing management in Japan (3) comprehended the roles, functions, coordination and leadership of the nursing manager in the hospital (4) acknowledged the points to be improved in their daily work of nursing services, and (5) prepared an action plan with keeping in mind the points to be improved in their work.	LANGUAGE	COOPERATION PERIOD
	English	1991 ~ 2005
	TRAINING INSTITUTIONS	
	INT'L NURSING FOUNDATION OF JAPAN	
	JICA CENTER	
	Tokyo International Center	
	REMARKS	

PRACTICE COURSE OF THE LATEST CANCER TREATMENT がん治療普及対策 8 participants OVERALL GOAL / PURPOSE QUALIFICATION OF APPLICANT The purpose of this training course is to provide the participants with an opportunity to acquire the latest knowledge and technique of cancer diagnosis and treatment established in Japan. (1) licensed physician authorized by their governments and specialized in cancer diagnosis and its treatment (2) strictly be between 30 and 40 years of age and have clinical experience of more than 7 years in cancer diagnosis and its treatment DURATION COURSE CONTENTS Sep. 7, 2004 ~ Nov. 21, 2004 This training course mainly consists of two parts; lecture session which all the participants are expected to attend, and individual programmes which are conducted in accordance with the participants LANGUAGE COOPERATION PERIOD English 2000 ~ 2004 respective specialities, such as X-ray diagnosis of digestive organs, endoscopic diagnosis and treatment surgical treatment of esophageal cancer, surgial treatment of gastric cancer, surgical treatment of hepatobiliary and pancreatic cancer, surgical treatment of colon and rectum cancer, medical oncology of hepatobiliary and pancreatic cancer, radiation oncology, diagnosite pathology. Through the training programme, the participants are expected to have better understanding on various aspects of cancer diagnosis and treatment, and acquire the latest knowledge and technique in TRAINING INSTITUTIONS NATIONAL CANCER CENTER JICA CENTER Tokyo International Center their respective field. The methods of the training will be mainly based on observations, not clinical REMARKS training (practical training of surgeries, etc.). SEMINAR ON EMERGENCY/DISASTER MEDICINE II

教急・大災害医療セミナーロ 9 participants J0400796 OVERALL GOAL / PURPOSE QUALIFICATION OF APPLICANT This seminar is designed for senior physicians and/or administrators who are in charge of emergency and A senior doctor, or an administrator engaged in measures for disaster medicine in emergency medical facilities and medical administrations in participating countries. Participants are encouraged to discuss the conditions and problems of their countries on emergency/ emergency/disaster medicine and taking leadership in emergency medical institution or medical administrative organization (2) be disaster medicine as comparative study, thus contribute to the further development of emergency/medical familiar with the current situation of emergency medical research services system in each country and to the development of international cooperation in the event of a activities or disaster preparedness(3)under 50 years old. disaster. Humane Network is being build by the exparticipants as well. DURATION COURSE CONTENTS Nov. 1, 2004 ~ Nov. 26, 2004 LANGUAGE **COOPERATION PERIOD** In this course, the emphasis is put on report presentation and discussions by participants, introduction of In this course, the emphasis is put on report presentation and discussions by participants, introduction of Japanese experience and basic theories of emergency/disaster medicine. The main themes are: (1) introduction (a) medical care system in Japan (b) history of emergency medical care in Japan (2) visits (observation) (a) emergency medical system in Japan (b) disaster preparedness (c) cooperation of governmental organization and private organization (d) cooperation among hospitals/clinics in EMS (e) English $2003 \sim 2007$ TRAINING INSTITUTIONS PACIFIC RESOURCE EXCHANGE CENTER education on emergency medicine JICA CENTER Osaka International Center REMARKS

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	http://www.prex-hrd.or.jp To collect the latest info in case emergency, a Human Network is build under this HP. Howev you need ID for access.	
CLINICAL COURSE IN UROLOGY FOR GENERAL SURGEONS II		
外科医のための泌尿器科臨床研修II	in Komposition (2006). Desk Salvan Patricina	
		4 participants J0400825
DVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT	
This course provides participants a glimpse of the urology Upon completion of the course, participants are expected; 1) to deepen their knowledge of classical urology 2) to have a better understanding of the state of the art urology including minimally invasive surgery 3) to learn to know how to get access to more details in urology 4) to promote mutual exchange of ideas in urology	presently engaged in clinical medicine as a general surgeon iconsed medical doctor authorized by their government have a clinical experience with of more than 3 years not more than 40 years of age	
COURSE CONTENTS	Nov. 9, 2004 ~ Dec. 11, 2004	
n this course, you will attend clinical conference, make a round to see inpatients with our staff, and see	LANGUAGE	COOPERATION PERIOD
outpatient clinic, hemodialysis and surgery. (1) Urological Examination: (a) Endoscopic examination	English	2003 ~ 2007
	TRAINING INSTITUTIONS	
	FACULTY OF MEDICINE, UNIVERSITY OF THE RYUKYUS	
2) Surgery:	JICA CENTER Okinawa International Center	
(a) Minimally invasive surgery		
(b) Open Surgery	REMARKS	

SEMINAR ON HEALTH SYSYTEMS MANAGEMENT 公衆衛生行政管理 10 participants J0400641 OVERALL GOAL / PURPOSE QUALIFICATION OF APPLICANT The seminar aims to improve the administrative management ability of those who are engaged in public (1) be technical experts who are in charge of public health health at developing countries toward improving the health standard of respective country more than before. Through the seminar, participants are expected: (1) to understand some methodologies of administration/management of public health, (2) to make a rational plan on the basis of the above methodologies, (3) to gain the ability of running efficient and effective administration, (4) to have the capacity for leadership. administration; as the middle level managers of Provincial Health Offices and of Central Ministry, (2) be engaged in the field of public health and working at educational institutions, private sectors or NGO, etc., (3) not be less than 35 years of age(at least 10 years of experienco) DURATION **COURSE CONTENTS** May. 5, 2004 ~ Jul. 10, 2004 For the purpose of resolution of the issues which developing countries has on the field of health and LANGUAGE **COOPERATION PERIOD** medicine, this course focuses on the administrative management function based on the ideas of "health transission" and "health sector reform" which are parts of Public Health issue's components. In this English 2000 ~ 2004 course defines the above mentioned objectives in terms of sub category: policy plan-do-see process and management of resources. The participants will be evaluated in along with the following five modules (1) Outline of Public Health Administration (a) Public Health and Welfare Administration in Japan(b) Health TRAINING INSTITUTIONS NATIONAL INSTITUTE OF PUBLIC HEALTH Sector Reform(c) Outline of Administration and Management (2) Leadership (3) Policy Planning (a) Policy studies on the field of Health Medicine (b) Preceed-Proceed Model (c) PCM (Project Cycle Management) Exercise (4) Evaluation for Execution (5) Management of Resources at each assessment process, such as, JICA CENTER

Tokyo International Center

REMARKS

Seminar on Parasite Control Administration for Senior Officersil-A step Towal	rds Primary Health C	arenia de la
国際寄生虫予防指導者セミナーロ		10 participants J0400871
OVERALL GOAL / PURPOSE	QUALIFICATION OF APPLICANT	
This course is aimed for participants to have the following capabilities. 1. To review and broaden knowledge on the parasitic diseases 2. To explain the Japanese features of the history about public health activities and about parasitic control through school based approach 3. To explain the basic concept of parasitic control through the trinity community-based efforts and practice it as wrap-up 4. To share information on the parasitic control situation among participating countries and to draw out	ragional level	
the draft of respective domestic action plan	DURATION	
COURSE CONTENTS	Jan. 18, 2005 ~ Feb. 12, 2005	
1. general information of the parasitic control-generality, parasitology, stool examination, parasitic control(lecture and exercise) 2. Japanese history of public health activities and parasitic control through school based approach(lecture and field trip) 3. planning of the parasitic control through the community-based efforts made by tripartite sectors, namely, the administrative authorities, parasitology academia and nonprofit organizations 4. information sharing on the parasitic control situation among participating countries and studying application of Japanese history on the each domestic parasitic control	LANGUA GE	COOPERATION PERIOD
	English	2004 ~ 2008
	TRAINING INSTITUTIONS	
	JAPAN ASSOCIATION OF PARASITE CONTROL	
	JICA CENTER	
	Tokyo International Center	
	REMARKS	
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Training Course for Health Futurist -Development of Global Health Officer 国際保健医療指導者差成研修		
Target Region : Asian and Pacific Countries		12 participants J0400906
OVERALL GOAL / PURPOSE	QUALIFICATION OF	APPLICANT
Upon successful completion of the course, participants are expected to (1) take leadership in order to ensure that emerging challenges of the health (2) be able to detect, identify, make judgments and make forecast of healthy conditions and requirements of the future, and (3) build new multidisciplinary skills and abilities to meet requirements of heath in the future and conductivity of future health-related actions and new priority in the perticipants' home countries	(1)Senior national or local level health officials with present or potential responsibility for formulation and promotion of health policies as well as the designing and implementation of programs (2) Under 46 years of age (3) have a good command of spoken and written English	
	DURATION	
COURSE CONTENTS	Aug. 22, 2004 ~ Sep. 18, 2004	
(1) Health Policy Development	LANGUAGE	COOPERATION PERIOD
2) Health Forecasting 3) Risk Management (Non-Communicable Diseases)	English	2004 ~ 2006
(4) Risk Management (Communicable Diseases) (5) Disaster Management, Environmental Health ,Food Supply and Nutrition Problems (6) Health Economics and Health Policy (7) International Symposium	TRAINING INSTITUTIONS	
	TOKAI UNIVERSITY SCHOOL OF MEDICINE	
	JICA CENTER	
	Yokohama International Center	
	REMARKS	
		Health Financing- How to Allocate eld at the end of the course.

Field Study, Action Plan, and Questionnaire.

OCCUPATIONAL HEALTH 産業医学

10 participants J0400305

OVERALL GOAL / PURPOSE

This course is designed to provide participants with basic concepts and fundamental knowledge of occupational health, and to exchange knowledge and experiences among participants and lecturers. The knowledge obtained through the course will enable participants to organize and conduct research planning, management and administration in order to prevent occupational diseases and to promote health conditions of workers in their respective countries.

QUALIFICATION OF APPLICANT

(1) medical doctor in principle (2) presently engaged or expected to contribute to the field of occupational health

(3) 40 years of age or less

COURSE CONTENTS

The training course consists of five main components: (1) lectures and exercises on occupational health (2) field trips (3) elective courses (4) course on data management and computer skills (5) presentation of country reports and formulation of Action Plan (AP). Further, depending on condition of each year, realtime video-conference with overseas colleagues will be schedules. As tecturers and exercises, the following major subjects are covered: (1) general principles of

occupational and environmental health (2) epidemiology (3) occupational safety and health administration (5) occupational cancer (6) occupational disorders and their prevention (7) mental health (8) occupational physiological sciences (9) occupational health services (10) management of workers' health (11) occupational toxicology (12) work conditions and ergonomics (13) evaluation and control of hazardous materials in work environments (14) industrial ecology and global environment (15) data management/ analysis with computer

DURATION

Aug. 2, 2004 ~ Dec. 2, 2004

LANGUAGE **COOPERATION PERIOD** English $1985 \sim 2004$

TRAINING INSTITUTIONS

U.OF OCCUPATIONAL AND ENVIRONMENTAL HEALTH

JICA CENTER

Kyusyu International Center

REMARKS

DENTAL EDUCATION

個学教育

10 participants .10400816

OVERALL GOAL / PURPOSE

The purpose of the course is to provide participants with the knowledge and skills of modern dentistry from fundamental to advanced levels. Based on knowledge obtained through the course, participants are expected to be able to organize and conduct various activities such as examination of patients, education and administration of the dental health in order to promote the dental health systems from the viewpoint of long and short- term period services.

(1)dontist with more than three years' professional or academic experience at academic institution, health administration or in practice, (2)presently engaged or expected to be working on their return in this line, (3)40 years of age or less

COURSE CONTENTS

- (1) Dental Education (Under/Post Graduate Education, Oral Health Education)
- (2) Basic Dentistry (Immunity and Periodontal Disease, Implants, Jaw Movment)
- (3) Dental Health Service (AIDS in Dental Health, Dental Service for the Disabled, Dental Public Health
- (4) Diagnostic Imaging in Dentistry (Digital Image Diagnosis, CT, MR and US)
 (5) Dental Caries and Periodontal Disease (Prevention of Dental Caries, Halitosis, Restorative Dentistry and Endodontics, Periodontal Surgery)
- (6) Crown Bridge and Denture (Crown Bridge, Complete and Partial Denture, Dental Implant)
- (7) Temporomandibular Joint Dysfunction (Diagnosis, Operative Approach etc.) (8) Diagnosis and Treatment of Essential Diseases in Oral Surgery
- (9) Dentistry for the Patients (Treatment of the Cleft Lips/Palates etc.)
 (10) Dental Care for Children/Adolescents (Pediatric Dentistry, Orthodontics)
- (11) Dental Materials and Clinical Practices in the Up-to-date Dental Medicine

DURATION

May. 10, 2004 ~ Sep. 18, 2004

QUALIFICATION OF APPLICANT

COOPERATION PERIOD LANGUAGE $2003 \sim 2007$ English

TRAINING INSTITUTIONS

FACULTY OF DENTISTRY, KYUSHU UNIVERSITY

JICA CENTER

Kyusyu International Center

REMARKS

CARDIOVASCULAR DISEASES II

循環體病対策口

J0400738 7 participants

OVERALL GOAL / PURPOSE

The purpose of this course is to help the specialists to improve their ability in the fields of cardiovascular and related diseases through discussions, observations and practices of laboratory examinations.

Participants can not be permitted to make a direct contact with the pacient, according to the national practitionar's law.

(1) licenced physician and surgeon authorized by their

QUALIFICATION OF APPLICANT

government (2) occupational experience of at least two years in diagnosis and treatment of cordiovascular diseases (for the applicants who wish to specialize in perinatology, the required duration of occupatioal experience is minimized.

COURSE CONTENTS

This course consists of individual and specialized training in a given department of the National Cardiovascular Center. Each participant is to choose one of the following departments.

(1) department of medicine: cardiac division

- department of medicine: cerebrovascular division department of medicine: cerebrovascular division department of medicine: division of hypertension, renal division (4) department of medicine; division of arteriosclerosis and metabolism (5) department of cardiovascular surgery
- department of cerebrovascular surgery
- department of anesthesiology
- (8) department of pediatric cardiology (9) department of radiology

(10) department of preventive medicine (11) department of pathology (12) department of perinatology

DURATION

Sep. 13, 2004 ~ Nov. 28, 2004

COOPERATION PERIOD LANGUAGE English 2002 ~ 2006

TRAINING INSTITUTIONS

NATIONAL CARDIOVASCULAR CENTRE

JICA CENTER

Osaka International Center

REMARKS

The participant should bring his/her country report contained on CD-ROM.