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ANNEX 1 : PROJECT DESIGN MATRIX for FINAL EVALUATION

Preparation Date: August 27, 1999.

Name of the Project: The Project for Early Detection of Gastric Cancer
 Project Period: March 1st, 1995 to February 28th, 2000 (for 5 years)

Objective Region: Cartago (Los Santos, Guadalupe, Oreamuno, San Francisco, Dulce Nombre)
 Costa Rican Executive Institution: Caja Costarricense del Seguro Social (CCSS), Max Peralta Hospital, University of Costa Rica (UCR)

Japanese Executive Institution: JICA, Tokyo Women's Medical University

Objective Group: Cartago citizens (from 50 years to 74 years old)

Narrative Summary	Variable Indicators	Means of Verification	Important Assumptions
<p>OVERALL GOAL To reduce the mortality rate of gastric cancer in Costa Rica.</p>	<p>National mortality rate of gastric cancer is reduced.</p>	<p>Annual report of statistics division of CCSS</p>	<p>a. To keep and increase the political support and public opinion in favor of the Project. b. To keep the support of executive institutions.</p>
<p>PROJECT PURPOSE To establish a mass screening, detection, and treatment system for gastric cancer in the Max Peralta Hospital.</p>	<p>The Max Peralta Hospital is able to operate and manage mass screening, detection and treatment system.</p>	<p>a. Quarterly report of the Project b. Statistic bulletin of Max Peralta Hospital</p>	<p>a. To develop and carry into effect a strategy plan to diffuse a mass screening, detection and treatment system of gastric cancer in Costa Rica. b. To keep the participation of executive institutions. c. To effectuate the counterpart personnel trained. d. To keep and increase the support of hospitals, academy and university.</p>
<p>OUTPUT</p> <ol style="list-style-type: none"> 1. To establish a mass screening system of gastric cancer in the model area. 2. To establish a detection system of gastric cancer in the model area. 3. To establish a treatment system of gastric cancer in the model area. 4. To establish a database and information system on gastric cancer. 5. To strengthen a research and epidemiological study on gastric cancer. 6. To develop a hospitalary administration and health attention in relation to a mass screening, detection, and treatment system. 7. To carry out cost-effective study on a mass screening, detection, and treatment system of gastric cancer. 	<ol style="list-style-type: none"> 1. The Max Peralta Hospital is able to operate and manage mass screening system of gastric cancer. 2. The Max Peralta Hospital is able to operate and manage mass detection system of gastric cancer. 3. The Max Peralta Hospital is able to operate and manage treatment system of gastric cancer. 4-1. Data of patients derived from the activities of the Project are appropriately input and managed. 4-2. Data of patients derived from the activities of the Project are utilized for research and future plan. 5-1. Serological study using specimen collected from patients of screening test is completed. 5-2. Study on the relationship between infection by Helicobacter Pylori and gastric cancer is completed. 6. Agreements taken in the Hospital Executive Committee are observed. 7. Report of production, efficiency, resources and cost is produced. 	<ol style="list-style-type: none"> 1-1. Quarterly report of the Project 1-2. Statistic bulletin of Max Peralta Hospital 2-1. Quarterly report of the Project 2-2. Statistic bulletin of Max Peralta Hospital 3-1. Quarterly report of the Project 3-2. Statistic bulletin of Max Peralta Hospital 4-1. Database developed 4-2-1. Statistic bulletin of Max Peralta Hospital 4-2-2. UCR report against Center's list 5-1. Dissertation produced by Institution of Investigation of Health (INISA) 5-2. Dissertation produced by INISA 6. Acts and agreements taken and executed 7. Report of production, efficiency, resources and cost 	<ol style="list-style-type: none"> a. To keep enough human and technological resources b. To keep an appropriate physical infrastructure. c. To keep clear relationship with the Center of Development, Strategy and Information in Health and Social Security (CENDEISS). d. To keep good relationship with the Basic Teams of Integral Attention in Health (EBAIS). e. To keep the support of leaders and the communities' force.

ACTIVITIES	INPUT	IMPORTANT ASSUMPTIONS (continued)
<p>1-1. To elaborate the scientific design and the executive plan for a mass screening system.</p> <p>1-2. To apply the epidemiological tool to the screening activity.</p> <p>1-3. To establish a communication, transportation, and control system of the selected population.</p> <p>1-4. To prepare educational material (videos, pamphlet, posters, etc.) for the selected population.</p> <p>1-5. To coordinate with the model area for active participation of the selected population.</p> <p>1-6. To train staffs of the EBAS in the model area and motivate the community leaders and the selected population.</p> <p>1-7. To establish the control methods to follow up patients after the screening test.</p> <p>2-1. To improve the detection technique of gastric cancer using X-ray screening test.</p> <p>2-2. To improve the detection technique of gastric cancer using endoscopy examination.</p> <p>2-3. To improve the detection technique of gastric cancer using pathology examination.</p> <p>2-4. To improve the nursing technique for the detection of gastric cancer.</p> <p>2-5. To improve the care towards the patients of gastric cancer by a multidisciplinary team (doctors, nurses, technicians and administrative personnel).</p> <p>3-1. To use the Japanese method of treatment of gastric cancer through conventional and endoscopy surgery.</p> <p>3-2. To improve the nursing technique for treatment of gastric cancer.</p> <p>3-3. To establish control methods to follow up the patients after the treatment.</p> <p>4-1. To elaborate programs for the information system.</p> <p>4-2. To manage and analyze the information produced by the Project activities.</p> <p>5-1. To prepare periodical reports about the detection results, to prepare future projections, and to elaborate the adequate statistic reports required by CCSS.</p> <p>5-2. To make a protocol corresponding gastric cancer cases.</p> <p>5-3. To carry out serological research using specimen collected from patients of screening test.</p> <p>5-4. To carry out research between the infection by Helicobacter Pylori and gastric cancer.</p> <p>5-5. To prepare protocols for epidemiological study on gastric cancer.</p> <p>6-1. To work together with the Hospital Executive Committee of the Max Peralta Hospital in order to keep constant monthly information flows.</p> <p>7-1. To register the number of patients examined, detected, and treated.</p> <p>7-2. To create tools and to use the General Information System for a cost calculation.</p> <p>7-3. To determine cost per patient, using a cost / production devise.</p> <p>7-4. To classify the patients by attention levels to assign cost.</p>	<p>Japanese Side</p> <p>Long-Term Experts: Leader (60M/M) Coordinator (60M/M) Radiologist (60M/M) Surgeon, Endoscopist (60M/M) Pathologist (60M/M) Nurse (60M/M) Technician or Radiologist (60M/M)</p> <p>Short-Term Experts: Seminary Instructor (1M/M) Anesthesiologist (4M/M) Epidemiologist (3M/M) Internist (3M/M) Surgeon (3M/M) others needed</p> <p>Equipment: approximately 50 million yen per year</p> <p>Training of Counterpart Personnel: 1-4 counterpart per year 1-6 months of period Radiologist Surgeon Gastroenterologist Pathologist Nurse Anesthesiologist Equipment Maintenance staff Radiological Technician others needed</p> <p>Administrative Cost: other cost approved for the needs</p>	<p>Costa Rican Side</p> <p>CCSS: Project Director Surgeon Radiologist Gastroenterologist Pathologist Nurse Anesthesiologist Radiological Technician Gastroenterological Technician Pathological Technician Executive Secretary Receptionists Driver others needed</p> <p>Place: Max Peralta Hospital, Gastric Cancer Detection Center</p> <p>Operational Cost: 45 million Colon per year</p> <p>Committees Organization: Joint Coordination Committee Advisory Committee Hospital Executive Committee</p> <p>other cost no contemplated</p> <p>UCR: Research Coordinator Statistics System Analyst Computer Technician Field Coordinator Typist Operator Infrastructure</p>
		<p>a. To keep links between Max Peralta Hospital's other services and the Detection Center.</p> <p>b. To keep relationship with model areas.</p>
		<p>PRE-CONDITIONS</p> <p>a. To maintain collaboration between CCSS and UCR.</p> <p>b. Enough number of staffs working for the Detection Center are allocated.</p> <p>c. Basic facilities for the Project activities are provided.</p>

Annex 2 : Chronological Review of the Project

Year Calendar	Month	Activities	Gastric Cancer Massive Detection	Infrastructure of Center	Nomination of Staffs	Long term JICA Experts	Short term JICA Experts	Training in Japan	Donation of Equipment
1993	March	Request of technical cooperation from Costa Rican Government							
1994	July	Presentation of the mass detection to the Hospital of San Carlos.							
	November	Long-term Study Team (36 days)			Nomination of Dr. Horacio Solano as Project Director			Planification of selection of staff for the training in Japan for 1995	Planification of equipment provision for 1995
1995	February	Implementation Discussions Team(11 days) Signa of R/D for Project-type Technical Cooperation							
	March	Beginning of Project							
	April	Beginning of the preparation of the operative plan for massive detection							
	May	First meeting of Advisory Committee							
	Jun	Arrangement for execution of Project				Arrival of Miss. Toyoko Seino, Project Coordinator	Dr. Tetsuro Kajiwara (Surgeon, Lecturer) (4 days)	Dr. Julieta Rodriguez (Medical Manager of CCSS)	
	July			Beginning of the remodeling of the storeroom in the old Hospital Max Peralta's building		Arrival of Mr. Hironori Kiyabara, Radiological Technician		Dr. Horacio Solano (Project Director, Surgeon)	
	August	Start of Coordination of Operative Plan for the massive detection system				Arrival of Dr. Tatsuichi Sasagawa, Gastroenterologist and Dr. Yumiko Sasagawa, Radiologist			
	September					Arrival of Miss. Asako Omishi, Nurse		Dr. Marjorie Sambrino (Gastroenterologist), Dr. Lueth Fonseca (Radiologist), Mr. Andres Sambrino (Radiological Technician)	
	October	Nomination of Dr. Sasagawa as Project Leader							
	November	Presentation of massive detection at the Hospital of San Carlos.							
	December	Seminar of Gastroenterology Illustrative Presentation for EBAS.		End of reconstruction			Dr. Naoki Mori: Internist, Dr. Yoko Murata: Endoscopist (7 days)		
	ofcember			Beginning of equipment installation		Arrival of Dr. Yoshio Sasaki, Pathologist			Video Endoscope, Bus, Computer, Copy machine, Air conditioner, X ray equipment, X ray films, etc.
1996	January								
	February	Mutual Consultation Team(12 days) Inauguration of Gastric Cancer Detection Center							

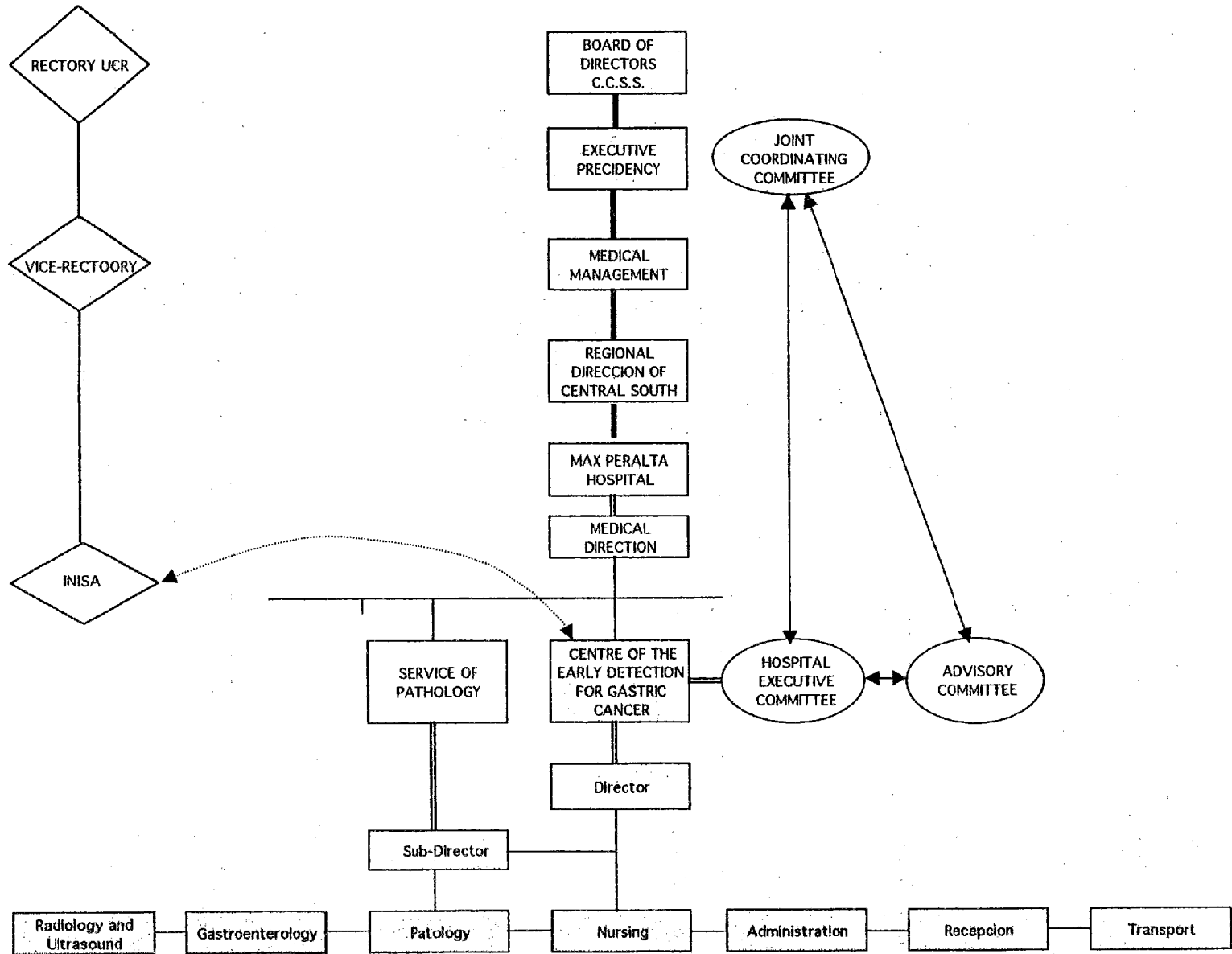
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Year Calendar	Month	Activities	Gastric Cancer Massive Detection	Infrastructure of Center	Nomination of Staffs	Long term JICA Experts	Short term JICA Experts	Training in Japan	Donation of Equipment		
1996	March		Beginning of the first round for massive detection of Gastric Cancer		Nomination of Centre CPs (Gastroenterologist, Radiologist, Radiology Technicians, Professional Nurse, Secretary, Receptionist, Gastroenterology Technician, Bus driver, Pathologist)						
	April					Arrival of Dr. Takashi Shimokawa, Surgeon					
	May	First surgery of Gastric Cancer detected by a massive detection									
	July										
	August									Ultrasound Equipment, Video Endoscopy, Photocopy Machine, Computer, Microscope, VCR, X-Ray films, Picrostat, etc.	
	September			Achievement of 1,000 users					Group training: Dr. Fernando Mena (Pathologist)		
	November								Laura Alvarado (Histology Technician), Jacobo Villalta (Radiology Technician), Alejandro Granados (Anesthesiologist)		
	December	First presentation of the Project's results					Dr. Tetsuro Kajiwara: Surgeon, Dr. Naoki Mori: Internist, Dr. Kazuo Hamaguchi: Surgeon, Dr. Hiroyoshi Karasawa: Radiologist, Dr. Hajime Kuwayama: Internist, Yoko Mizuno: Endoscopist (7 days)				
				Achievement of 2,000 users			Arrival of Mr. Takashi Yuzawa, Radiological Technician				
							Departure of Mr. Hiroshi Kuwabara, Radiological Technician				
	1997	January									
		March							Dr. Kapppei Matsumoto, Anesthesiologist (4 months)		
April											
May					Nomination of new CP in Nursery						
July											
August				Achievement of 4,000 users				Mrs. Kumiko Otsu, Histological Technician (26 days)	Barium		
		Beginning of the support plan from the Japanese Embassy to the Max Peraltu Hospital's old building remodelations.				Arrival of Dr. Hiroshi Nagano, Surgeon			Surgical Stapler, Indigocarmine		

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Year Calendar	Month	Activities	Gastric Cancer Massive Detection	Infrastructure of Center	Nomination of Staffs	Long term JICA Experts	Short term JICA Experts	Training in Japan	Donation of Equipment
1998	October		Massive detection suspensions		Nomination of Dr. Mariza Salazar, Second CP in radiology, and Mr. Martín Rodríguez, Radiological Technician.				Gamma counter, Kits of Pepsinogen I & II, tubes y micropipettes for research, etc.
	November						Dr. Tetsuro Kajiwara, Operative administration, and Dr. Shunjo Endo, Database (17 days)	Ms. Ana Araya, (Nurse)	
	December			Conclusion of the TAC room					
1999	January	Beginning of Helicobacter pylori studies	↓	Conclusion of the administrative section remodeling				Dr. Mariza Salazar (Radiologist) and Msc. Manuel Campos (Pepsinogenist)	
	February						Dr. Yoko Mizuta, Ultrasonic Endoscopy (14 days)	↓	Kits of Pepsinogen I & II
	March		Restart of the Gastric Cancer massive detection	Delivery of the remodeling work		Dr. Yoshiro Sasaki, Pathologist (16 days)			
	March		Conclusion of the first round with 6.862 users			Arrival of Mr. Masaru Shirota, Radiology Technician Departure of Mr. Takashi Yuzawa, Radiological Technician			
	April	Inauguration of the new Gastric Cancer Detection Centre				Dr. Michio Kogure, Radiology (11 meses) Dr. Mutsumi Higuchi, Radiologist in X-Ray CT(15 days)			
	May						Mr. Martín Gonzalez (Radiology Technician)		
	Junio						Dr. Fernando Ferraro (Health administration), Dr. Leon de Meserville (Postgraduate education)	Harmonic bisturi, Pathology supplies etc	
	July						Mr. Koichi Tokuda, Setup of clinical database (3 months)		
	August	Visit of the Final Evaluation Mission (13 days)			Nomination of Dr. Carmen Ponce, CP of Radiologist				
	September	Conclusion of database setup							
2000	February	End of Project	↓			↓ ↓ ↓ ↓ ↓			
	March								
	August			End of second round					

Annex 3 : Organization Chart



Annex 4: Accomplishment in Terms of Input

JAPANESE SIDE

PLANNED INPUT		REALISED INPUT	
Japanese Experts Dispatched			
Long Term Experts			
Leader, Gastroenterologist	60M/M	1	Tsuyoshi Sasagawa(Surgeon, Gastroenterologist) : 1995/08/30-2000/03/02
Coordinator	60M/M	2	Toyoko Seino 1995/05/19-1997/05/18
		3	Yoko Ogawa 1997/05/07-2000/03/02
Radiologist	60M/M	4	Yumiko Sasagawa: 1995/08/30-1997/08/29
Surgeon	60M/M	5	Takeshi Shimakawa : 1996/04/18-1997/08/17
		6	Hiroshi Nagumo : 1997/08/09-2000/03/02
Pathologist	60M/M	7	Yoshiro Sasaki : 1995/12/08-1997/12/07
Nurse	60M/M	8	Asako Onishi: 1995/10/19-1997/10/18
		9	Tomomi Hama: 1997/09/29-2000/03/02
Radiological Technician	60M/M	10	Hiroshi Kuwabara : 1995/07/01-1996/12/07
		11	Takashi Yuzawa : 1996/12/03-1999/03/31
		12	Masami Shirota: 1999/03/00-2000/03/02
Short Term Experts			
Lecturer	1M/M	1	Tetsuro Kajiwara(Surgeon):1995/06/20-1995/06/23 y 1996/11/25-1996/12/03
		2	Naoki Mori(Internist):1995/11/19-1995/11/23
		3	Takao Katube(Surgeon):1996/11/25-1996/12/03
		4	Kanako Hamaguchi(Surgeon):1996/11/25-1996/12/03
		5	Hiroyoshi Karasawa(Radiologist) : 1996/11/25-1996/12/03
		6	Hajime Kuwayama(Internist):1996/11/28-1996/12/03
Anesthesiologist	4M/M	7	Kappei Matsumoto(Anesthesiologist):1997/01/27-1997/05/26
Equipment Maintenance	3M/M		Nobody
Epidemiologist	3M/M	8	Masatoshi Tanaka(Epidemiologist):1998/07/25-1998/08/18
Internist	3M/M		No one
Surgeon	3M/M		No one
Other Necessary Specialist	3M/M	9	Yoko Murata(Endoscopist):1995/11/18-1995/11/24
		10	Kumiko Otsu(Histological Technician):1997/07/02-1997/07/28
		11	Akinori Nozawa(Pathologist):1998/01/05-1998/01/16
		12	Akiyoshi Yamada(Radiologist):1998/04/10-1998/05/10
		13	Masamichi Hara(Pathologist):1998/09/09-1998/09/30
		14	Tetsuro Kajiwara(Operative Administration):1998/11/24-1998/12/11
		15	Shungo Endo(Data Base):1998/11/24-1998/12/11
		16	Yoko Murata(Ultrasonic-Endoscopist):1999/02/28-1999/03/13
		17	Yoshiro Sasaki(Pathologist):1999/02/27-1999/03/14
		18	Mutsumi Higuchi(Radiologist for X-ray CT):1999/04/07-1999/04/22
		19	Michio Kogure(Radiologist) : 1999/04/01-2000/03/02
		20	Koichi Tokuda(Data Base) : 1999/07/04-1999/10/02
Equipment Provision		1995	US\$ 815,928.00
		1996	US\$ 409,408.26
		1997	US\$ 971,112.69
		1998	US\$ 336,486.36
		1999	US\$ 137,068.87
Counterpart Personnel Trained in Japan			
Radiologists		1	Lineith Fonseca: 1995/09/16-1995/12/16
		2	Maritza Salazar: 1999/02/01-1999/03/31
Surgeon		3	Horacio Solano: 1995/03/00-1995/06/00
		4	Guillermo Morales: 1997/08/03-1997/10/30
Gastroenterologist		5	Marjorie Sanabria: 1995/09/16-1995/12/16
Pathologist			No one
Nurses		6	Victor Rivera:1997/08/03-1997/09/28
		7	Ana Arava: 1998/11/8-1999/02/13
Anesthesiologist		8	Alejandra Granados: 1996/09/02-1996/11/17
Equipment Maintenance			No one
Radiological Technicians		9	Andres Sanabria: 1995/09/16-1995/12/16
		10	Jacobo Villalta: 1996/09/02-1996/11/17
		11	Martin González: 1999/05/11-1999/08/07
Other Specialists			
Health Administration		12	Julieta Rodriguez: 1995/03/00-1995/03/00
		13	Fernando Ferraro: 1999/06/15-1999/06/25
Histological Technician		14	Laura Alvarado: 1996/09/02-1996/11/30
		15	Nelson Carrillo: 1997/09/07-1997/10/10
Epidemiology		16	Manuel Campos: 1999/1/30-1999/3/31
Post-graduate Education		17	Leon of Merserville:1999/06/15-1999/07/02

Annex 4: Accomplishment in Terms of Input

PLANNED INPUT		REALISED INPUT
Training of Country focused Group Courses		
Histopathological Diagnosis of Early Gastric and Colorectal Carcinomas		1 Fernando Mena(Pathologist):1996/8/17-1996/10/25
		2 Lidia Ugarde(Pathologist):1998/8/18-1998/10/26
		3 Diego Gillen(Pathologist):1997/8/19-1997/10/27
Early Gastric Cancer Detection and Related Digestive Tumours II		4 Francisco Saenz (Gastroenterologist):1998/1/12-1998/3/12
Local Cost:	1995	\$60,000.00
	1996	\$54,545.45
	1997	\$46,153.85
	1998	\$50,000.00
	1999	\$41,666.67
Others:		
Equipment Maintenance Cost	1997/1998	\$59,495.87
Education and Diffusion Cost	1998	\$16,730.00
Audio-visual Education Material Cost	1998	\$2,084.13

COSTA RICAN SIDE

PLANNED INPUT		REALISED INPUT
CCSS:		
Director		1 Horacio Solano
Surgeon		Horacio Solano
Radiologists		2 Maritza Salazar
		3 Carmen Ponce
Gastroenterologist		4 Francisco Saenz
Pathologist		5 Fernando Mena
Registered Nurses		6 Victor Rivera
		7 Ana Araya
Anesthesiologist		8 Alejandra Granados
Radiological Technicians		9 Andres Sanabria
		10 Jacobo Villalta
Gastroenterological Technician		11 Martín Gonzales
Histological Technicians		12 Roger Martinez
		13 Laura Alvarado
Administrational Assistant		14 Nelson Carrillo
Secretary		15 Flora Cordero
Driver		16 Alejandra Calvo
Receptionist		17 José Manuel Villavicencio
		18 Jorge Zuñiga
Practical Nurses		19 Jeannette Segura
		20 Carmen Pereira
		21 Nuria Araya
		22 Maria Elena Calderon
UCR:		
Investigation Coordinator		1 Rafaela Sierra
Demographer		2 Luis Rosero
Information Analyser		3 Sanders Pacheco
Computer Technician		4 Henry Morales
Field Coordinator		5 Vanessa Ramirez.
Serological Study (Pepusinogen)		6 Manuel Campos
Infrastructure: Centre of Mass Detection for Gastric Cancer		Total Cost : 114,000,000 colones (US\$ 407,142.85)
		CCSS : 89,000,000 colones
		Japanese Embassy : 25,000,000 colones
Operative Cost		
CCSS	1995	35,327,040 colones
	1996	35,423,550 colones
	1997	45,623,000 colones
	1998	60,000,000 colones
	1999	
UCR	1995	5,400,000 colones
	1996	7,100,000 colones
	1997	6,000,000 colones
	1998	6,000,000 colones
	1999	6,500,000 colones

Annex 4: Accomplishment in Terms of Input

PLANNED INPUT		REALISED INPUT
	Infrastructure Equipment	2,500,000 colones (US\$ 100,000) 1,000,000 colones (US\$ 40,000)
Joint Coordinating Committee		<ol style="list-style-type: none"> 1 Rodolfo Piza Rocafort(President of CCSS) 2 Fernando Ferraro(Medical Manager of CCSS) 3 Gabriel Macaya(Rector of UCR) 4 Yamileth Gonzalez(Vice Rector for Investigation of UCR) 5 Rogelio Pardo(Health Minister) 6 Victor Navarrete(Director of Max Peralta Hospital) 7 Shinji Nishiyama(Second Secretary of Japanese Embassy) 8 Tsuyoshi Sasagawa(Project Leader) 9 Horacio Solano (Project Director)
Advisory Committee		<ol style="list-style-type: none"> 1 Horacio Solano(Project Director) 2 Francisco Mirambell (Radiologist) 3 Reynaldo Con Won (Surgeon) 4 Rafaela Sierra (INISA Director, Epidemiologist) 6 Edgar Izquierdo (Peresident of Gastroenterological Association , Sub-Director of Hospital of Calofron Guardia) 7 Fernando Brenes (President of Pathological Association, Chief of Dept. of Pathology of Hospital Mexico) 8 Fernando Mena (Sub-Director of Project, Chief of Pathology Service of Hospital Max Peralta) 9 Luis Rosero (Sub-Director of INISA, Demographer) 10 Sanofis Pacheco (Lecturer of Computer School of UCR) 11 Valentín Rojas (Representative of Committee of Cancer, Surgeon of Hospital San Juan de Dios) 12 Shinji Nishiyama(Second Secretary of Japanese Embassy) 13 Tsuyoshi Sasagawa (Project Leader) 14 Yoko Ogawa (Project Coordinator) 15 Hioroshi Nagumo (Expert of Surgery) 16 Tomomi Hama(Expert of Nurse) 17 Masami Shirota(Expert of Radiological Technology) 18 Kogure Michio(Expert of Radiology)
Hospital Executive Committee		<ol style="list-style-type: none"> 1 Horacio Solano(Project Director) 2 Fernando Mena (Sub-Director of Project, Chief of Pathology Service of Hospital Max Peralta) 3 Francisco Saénz (Gastroenterologist) 4 Maritza Salazar (Radiologist) 5 Victor Rivera (Professional Nurse) 6 Victor Navarrete(Director of Hospital Max Peralta) 7 Abilio Gutierrez (Administrator of Hospital Max Peralta) 8 Tsuyoshi Sasagawa(Project Leader) 9 Yoko Ogawa (Project Coordinator) 10 Hioroshi Nagumo (Expert of Surgery) 11 Tomomi Hama(Expert of Nurse) 12 Masami Shirota(Expert of Radiological Technology) 13 Kogure Michio(Expert of Radiology)

Project of Early Detection for Gastric Cancer

No.	Date	Description	Model	Quantity	Price	Place	Utility /Condition	Category
0	18-3-96	Costo de Flete (No.1-No. 59)	(No1~No 59)	1	730.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
1	18-3-96	Endoscopio	Olympus EVIS GIF-130	1	16,300.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
2	18-3-96	Recurso de Luz Universo	Olympus Evis CLV-U20	1	9,600.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
3	18-3-96	Monitor de Videoendoscopia	Sony PVM 2030	1	1,430.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
4	18-3-96	Centro de Video y Procesador	Olympus EVIS CV-100	1	14,200.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
5	18-3-96	Unidad de Foto Automatico	SCV-2	1	14,900.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
6	18-3-96	Grabador de SVHS Video	Sony VO-9500MD/R	1	2,445.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
7	18-3-96	Main Body	WM-30	1	3,150.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
8	18-3-96	Bomba de Succion	Olympus KV-4	1	2,650.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
9	18-3-96	Generador de Alta Frecuencia	Olympus UES-10	1	7,990.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
10	18-3-96	Lavadora de Scopio	Olympus EW-20	1	15,800.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
11	18-3-96	Probador de fugas	Olympus MB-155	1	145.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
12	18-3-96	Cable de BNC	6FT	2	26.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
13	18-3-96	Caja de Control de Remoto	Sony SVO	1	265.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
14	18-3-96	Cable para Control Remote	Cable for SVC-2	1	36.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
15	18-3-96	Cable para Video	SVRM-100 SVO-9500	1	309.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
16	18-3-96	Cable Remoto	CBL RS-232	1	50.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
17	18-3-96	Cable de RGB	CBL 25 PIN-BNC 6ft.	1	55.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
18	18-3-96	Cable de BNC-BNC	BNC TO BNC ADPR.	4	16.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
19	18-3-96	Cable RGB Ahressed	RGB 6FT	1	59.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
20	18-3-96	Boquilla	MB-142	20	140.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
21	18-3-96	Cateter de Pulverizacion	PW-5L type-142	6	870.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
22	18-3-96	Antiemanador	MA-002	5	10.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
23	18-3-96	Cateter de Snare	SD-5L Snare set	3	1,320.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
24	18-3-96	Forceps Tripartidos	FG-45L	3	1,200.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
25	18-3-96	Forceps de Cesto	FG-16L basket type	2	700.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
26	18-3-96	Cateter de Grapa	HX-3L	2	2,080.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
27	18-3-96	Clip Quirurugico	HX-3L/4U (MD-850)	2	840.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
28	18-3-96	Unidad de Succion Electrodo	CD-3L	2	570.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B
29	18-3-96	Aguja de Inyeccion	NM-24L (25G. 8mm)	2	350.00 US\$	① Centro	<input type="checkbox"/> / <input type="checkbox"/>	B

No.	Date	Description	Model	Quantity	Price	Place	Utility /Condition	Category
30	18-3-96	Impresora de Color Video	Sony UP-1800MD	1	2,650.00 US\$	① Centro	A / A	B
31	18-3-96	Papeles para Impresora	UPC-1010	10	850.00 US\$	① Centro	A / A	B
32	18-3-96	Soporte de Microscopia	BX50F3	1	1,500.00 US\$	② Patologia	A / A	B
33	18-3-96	Unidad de Lampara	BX50 12V/100W HAL	1	179.00 US\$	② Patologia	A / A	B
34	18-3-96	Bombillo de Halogeno	8-C406 JC12V/100W HAL-L	2	60.00 US\$	② Patologia	A / A	B
35	18-3-96	Cordon de Fuente de Luz	UYCP-11 UYCP	1	17.00 US\$	② Patologia	A / A	B
36	18-3-96	Tubo Observador	U-TR30	1	769.00 US\$	② Patologia	A / A	B
37	18-3-96	Puerto de Foto Unico	U-SPT	1	29.00 US\$	② Patologia	A / A	B
38	18-3-96	Tubo Observador	U-BI30	2	1,244.00 US\$	② Patologia	A / A	B
39	18-3-96	Eyepiece	WH10X-2	4	412.00 US\$	② Patologia	A / A	B
40	18-3-96	Eyepiece	WH10X2-H	2	244.00 US\$	② Patologia	A / A	B
41	18-3-96	Nosepiece	U-D6RE	1	266.00 US\$	② Patologia	A / A	B
42	18-3-96	Platina Ceram	U-SVRS	1	327.00 US\$	② Patologia	A / A	B
43	18-3-96	Plan Apochromat 2X	PLAPO2X	1	556.00 US\$	② Patologia	A / A	B
44	18-3-96	Plan Apochromat 4X	UPLAPO4X	1	496.00 US\$	② Patologia	A / A	B
45	18-3-96	Plan Apochromat 10X	UPLAPO10X	1	756.00 US\$	② Patologia	A / A	B
46	18-3-96	Plan Apochromat 20X	UPLAPO20X	1	894.00 US\$	② Patologia	A / A	B
47	18-3-96	Plan Apochromat 40X	PLAPO40X	1	1,331.00 US\$	② Patologia	A / A	B
48	18-3-96	Side Viewer	U-MDOSV	1	1,094.00 US\$	② Patologia	A / A	B
49	18-3-96	Dipositivo para Discucion	U-MDMB	1	1,511.00 US\$	② Patologia	A / A	B
50	18-3-96	Aitomatic Exposure	PM-PB20	1	2,348.00 US\$	② Patologia	A / A	B
51	18-3-96	Aitomatic Exposure Control	PM-CB20	1	1,565.00 US\$	② Patologia	A / A	B
52	18-3-96	Adaptor 35 mm	PM-DA35	1	142.00 US\$	② Patologia	A / A	B
53	18-3-96	Camera Back	PM-C35	1	531.00 US\$	② Patologia	A / A	B
54	18-3-96	Focusing Telescope	PM-VSP-3	1	332.00 US\$	② Patologia	A / A	B
55	18-3-96	Foto Proyeccion3.3	PE3.3X	1	184.00 US\$	② Patologia	A / A	B
56	18-3-96	Cable de Fuente de Luz	UYCP	1	17.00 US\$	② Patologia	A / A	B
57	18-3-96	Filtro Verde	43IF550	1	55.00 US\$	② Patologia	A / A	B
58	18-3-96	Filtro didmio	BG-20	1	45.00 US\$	② Patologia	A / A	B
59	18-3-96	Magnificador de Foco	U-FT	1	160.00 US\$	② Patologia	A / A	B
60	18-3-96	Achromat Condenser	U-SC	1	196.00 US\$	② Patologia	A / A	B
61	12-12-95	Vehiculo	MITSUBISHI L400	1	22,500.00 US\$	① Centro	A / A	B
62	15-12-95	Minibus para Usuarios	TOYOTA HIACE Microbus Sencilla	1	17,270.00 US\$	① Centro	A / A	B

No.	Date	Description	Model	Quantity	Price	Place	Utility /Condition	Category
63	20-12-95	Computador	Macintosh PERFORMA 6200 CD	1	2,851.00 US\$	① Centro	A / D	B
64	12-12-95	Fotocopiadora	TOSHIBA BD-1210	1	1,850.00 US\$	① Centro	B / D	B
65	14-3-96	Aireacondicionador	TOSHIBA RAC13UKR2C	1	2,185.00 US\$	① Centro	E / E	B
66	14-3-96	Mezclador de Barrio		2	3,630.00 US\$	① Centro	A / A	B
67	14-3-96	Burubujante	100pcs,5grs c/u	2	286.00 US\$	① Centro	A / A	B
68	14-3-96	Solucion de Antiburbujas	200ml	20	440.00 US\$	① Centro	A / A	B
69	14-3-96	Vasos Plasticos	30cc,100units/box	1	44.00 US\$	① Centro	A / A	B
70	14-3-96	Vasos de Barrio		60	1,320.00 US\$	① Centro	A / A	B
71	14-3-96	Tasa Gradurada		2	66.00 US\$	① Centro	A / A	B
72	14-3-96	Protectores de Rayos X		3	990.00 US\$	① Centro	A / A	B
73	14-3-96	Placas de Rayos X	14X17 Kodak	10	3,500.00 US\$	① Centro	A / A	B
74	26-1-96	Sistemas de Equipo TV Rayos X	Toshiba DCA-200A /BN/12"	2	640,000.00 US\$	① Centro	A / A	B
74	26-1-96	Digitalizador de Imagen	EPS-30	2		① Centro	A / A	B
74	26-1-96	Impresor Laser	Kodak-1120	1		① Centro	A / A	B
74	26-1-96	Negatoscópico	LH42D	2		① Centro	A / A	B
74	26-1-96	Protector de Rayos X		4		① Centro	A / A	B
74	26-1-96	Unidad de Tubos de Rayos X	DBX-0324CS	2		① Centro	E / E	B
74	26-1-96	90/45 Control Remoto Casette Tipo	DCA-200A	2		① Centro	A / A	B
74	26-1-96	Intensificador de Imagen	RTP12302H-G8	2		① Centro	A / A	B
74	26-1-96	Adaptador Optico	OP-22AH	2		① Centro	A / A	B
74	26-1-96	Camara de TV	MTV-35D/FU	2		① Centro	A / A	B
74	26-1-96	Generador de Rayos X 80KW	KXO-80N	2		① Centro	A / A	B
74	26-1-96	Control Remoto de Escritorio con	DCD-04C	2		① Centro	A / A	B
74	26-1-96	Puertaa Emplomadas		2		① Centro	A / A	B
75	27-8-96	Equipo Ultrasonido con No. 80	Tosbee SSA-240A	2	78,000.00 US\$	① Centro	A / A	B
76	16-9-96	Sillon reclinable	Troya TR-3	2	4,000.00 US\$	① Centro	A / A	B
78	4-3-97	Videoendoscopia	Olympas EvisGIF-140	1	18,500.00 US\$	① Centro	A / A	B
79	4-3-97	Fuente de Luz Universal	Olympus EVISCLV-U40	1	9,900.00 US\$	① Centro	A / A	B
90	4-3-97	Monitor de Videoendoscopia	Sony PVM1953 MD monitor 19"	1	2,214.00 US\$	① Centro	A / A	B
91	4-3-97	Sistema de Videoendoscopia	Olympus EMIS CV-140	1	15,900.00 US\$	① Centro	A / A	B
92	4-3-97	Unidad Automática Fotográfica	SCV-2,SC-35	1	14,900.00 US\$	① Centro	A / A	B
93	4-3-97	Grabador de Video	Sony VO-9500MD/R	1	2,445.00 US\$	① Centro	A / A	B
94	4-3-97	Carro para Equipo	WM-30	1	3,150.00 US\$	① Centro	A / A	B

No.	Date	Description	Model	Quantity	Price	Place	Utility /Condition	Category
95	4-3-97	Bomba de Succión	Olympus KV-4	1	2,650.00 US\$	① Centro	A / A	B
96	4-3-97	Cable BNC	BNC 6ft	2	26.00 US\$	① Centro	A / A	B
97	4-3-97	Caja de Controlador Remoto	Sony SVO	1	265.00 US\$	① Centro	A / A	B
98	4-3-97	Cable para SVC-2	SVC-2	1	36.00 US\$	① Centro	A / A	B
99	4-3-97	Wired Remote	SVRM-100	1	309.00 US\$	① Centro	A / A	B
100	4-3-97	Cable Remote para CV-100	CBL RS-232	1	50.00 US\$	① Centro	A / A	B
101	4-3-97	Cable 25 Pines	CBL25 PIN -BNC 6ft	1	55.00 US\$	① Centro	A / A	B
102	4-3-97	Adaptador para BNC-BNC	BNC to BNC	4	16.00 US\$	① Centro	A / A	B
103	4-3-97	Cable para RGB/SYNC	Olympus RGB/SYNC 6F	1	59.00 US\$	① Centro	A / A	B
104	4-3-97	Limpiador de Lentes	MA-002	5	10.00 US\$	① Centro	A / A	B
105	4-3-97	Cateter de Snare	SD-5L	3	1,320.00 US\$	① Centro	A / A	B
106	4-3-97	Forceps Triparado	FG-45L	3	1,200.00 US\$	① Centro	A / A	B
107	4-3-97	Forceps de Cesto	FG-16L	2	700.00 US\$	① Centro	A / A	B
108	4-3-97	Clip Fixing Divise	HX-3L	2	2,080.00 US\$	① Centro	A / A	B
109	4-3-97	Clip	HX-3L/4UMD-850 50/pc	2	840.00 US\$	① Centro	A / A	B
110	4-3-97	Suction de Coagulacion Electrode	CD-3L	2	570.00 US\$	① Centro	A / A	B
112	4-3-97	Cannulas esteril para ERCP	PRO-16Q	1	255.00 US\$	① Centro	A / A	B
113	4-3-97	Impresor de Color para Video	UP-1800MD SONNY	1	2,650.00 US\$	① Centro	A / A	B
114	4-3-97	Papeles para UP1800	UPC-1010	10	850.00 US\$	① Centro	A / A	B
115	4-3-97	Aguja	NM-24L 2.0mm I/GIF	1	350.00 US\$	① Centro	A / A	B
116	4-3-97	Cannulas para ERSP	PR-160 ERCP 6/pcs	2	255.00 US\$	① Centro	A / A	B
117	4-3-97	Videoendoscop de Lado	Olympus EVIS JF-130	1	19,900.00 US\$	① Centro	A / A	B
118	4-3-97	Biopsy Forceps	FB-40Q	1	430.00 US\$	① Centro	A / A	B
119	4-3-97	Costo de Flete (No.75-No.118)			500.00 US\$	① Centro	/	B
119	4-3-97	Menod Descuento de No.76-118			-15,282.75 US\$	① Centro	/	B
120	4-3-97	Estativo Microscopo Trinocular	Olympus BX50F3	1	1,500.00 US\$	② Patologia	A / A	B
121	4-3-97	Revolver Sextuple	Olympus U-R106	1	232.00 US\$	② Patologia	A / A	B
122	4-3-97	Tubo de Observacion de Super Gran	Olympus U-SWTR2	1	1,649.00 US\$	② Patologia	A / A	B
123	4-3-97	Tubo Fotografico	U-SPT 3-U801	1	29.00 US\$	② Patologia	A / A	B
124	4-3-97	Platina Mecanica	4-U111	1	327.00 US\$	② Patologia	A / A	B
125	4-3-97	Condensador giratorio	6-U120	1	196.00 US\$	② Patologia	A / A	B
126	4-3-97	Lentes Oculares 10X	Olympus SWH 10X-H	2	316.00 US\$	② Patologia	A / A	B
127	4-3-97	Magnificador de Enfoque	7-U800	1	160.00 US\$	② Patologia	A / A	B

No.	Date	Description	Model	Quantity	Price	Place	Utility /Condition	Category
128	4-3-97	Unidad de Control de Camara	7-U210	1	1,565.00 US\$	② Patologia	A / A	B
129	4-3-97	Foto-Proyeccion	EYPC 3.3x 2-U730	1	184.00 US\$	② Patologia	A / A	B
130	4-3-97	Camara Automatico	Olympus PM-C35	2	1,062.00 US\$	② Patologia	A / A	B
131	4-3-97	Lentes Objetivos 2X	1-UB921 Apo 2X/0.08	1	556.00 US\$	② Patologia	A / A	B
132	4-3-97	Lentes Objetivos 4X	1-UB822 Apo 4x/0.16	1	496.00 US\$	② Patologia	A / A	B
133	4-3-97	Lentes Objetivos 10X	1-UB823 Apo10x/0.40	1	756.00 US\$	② Patologia	A / A	B
134	4-3-97	Lentes Objetivos 20X	1-UB825 Apo 20x/0.70	1	893.00 US\$	② Patologia	A / A	B
135	4-3-97	Lentes Objetivos 40X	1-UB827 PLAPO40X	1	1,331.00 US\$	② Patologia	A / A	B
136	4-3-97	Lentes Objetivos 60X	1-UB831 60X	1	1,514.00 US\$	② Patologia	A / A	B
137	4-3-97	Portalampara	5-UL110 12V/100W HAL	1	179.00 US\$	② Patologia	A / A	B
138	4-3-97	Bombillos	8-C406 JC12V/100W HAL-L	4	120.00 US\$	② Patologia	A / A	B
139	4-3-97	Cordon de poder	UYCP-11	1	17.00 US\$	② Patologia	A / A	B
140	4-3-97	Cuerpo de Exposicion Automatico	Olympus 7-U200	1	2,348.00 US\$	② Patologia	A / A	B
141	4-3-97	Adaptador para camara	7-U505 PM-DA-35	1	142.00 US\$	② Patologia	A / A	B
142	4-3-97	Camara Polaroid	Polaroid 7-U630 PM-CP-3	1	349.00 US\$	② Patologia	A / A	B
143	4-3-97	Telescopio de Enfoque	7-U820 PM-VSP	1	332.00 US\$	② Patologia	A / A	B
144	4-3-97	Adaptador Formato Grande	PM-DLF 7-U620	1	1,124.00 US\$	② Patologia	A / A	B
145	4-3-97	Felete y seguro No.120A No144		1	150.00 US\$	② Patologia	A / A	B
145	4-3-97	Descuento por Proveedor	10 % of US\$17,377		-1,737.70 US\$	② Patologia	/	B
146	15-7-96	Fotorreproductora	FUJI Picrostat PS200	1	10,500.00 US\$	② Patologia	A / A	B
147	6-8-96	Papel para Fotorreproductor	PS-SG	10	1,871.50 US\$	② Patologia	A / A	B
148	6-8-96	Papel para Fotorreproductor	PS-DS	7	537.95 US\$	② Patologia	A / A	B
149	16-9-96	Camara para Fotografias medicas	MPS-11	1	35,000.00 US\$	② Patologia	A / A	B
150	26-7-96	Computador	MacPerforma 6300/100/ 8/1.2GB	1	1,864.00 US\$	② Patologia	A / D	B
151	26-7-96	Toner	PLW300	4	280.00 US\$	① Centro	A / A	B
152	26-7-96	Computer	Performa 630	1	286.00 US\$	① Centro	A / A	B
153	26-7-96	Monitor	Apple Vision 1710	1	1,005.00 US\$	① Centro	A / A	B
154	26-7-96	Zip Disk	100MB	10	200.00 US\$	① Centro	A / A	B
155	26-7-96	RAM adicional	DIMM 8MB-604	1	259.00 US\$	① Centro	A / A	B
156	26-7-96	Computador	Power Mac 7200/120	1	2,133.00 US\$	⑥ UCR	A / A	B
157	26-7-96	Teclado Extendisdo	Apple	1	159.00 US\$	⑥ UCR	A / A	B
158	26-7-96	Puerto Geo	Apple	1	124.00 US\$	⑥ UCR	A / A	B
159	29-7-96	Scanner	Apple Video System	1	117.00 US\$	⑥ UCR	A / A	B

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160	26-7-96	Impresor Laser	Laser Writer 4/600	1	938.00 US\$	⑥ UCR	A / A	B
161	15-8-96	Cable Serial	Apple serial cable	1	20.00 US\$	⑥ UCR	A / A	B
162	29-7-96	Software	FileMaker Pro Claris	1	251.00 US\$	⑥ UCR	A / A	B
163	29-7-96	Unidad de Disco Zip	Iomega Zip Drive 100MB	2	530.00 US\$	⑥ UCR	A / A	B
164	4-11-96	Base de Microscopio Trinocular	Nikon Labophot-2A	1	1,100.00 US\$	② Patologia	A / A	B
165	4-11-96	Cabesa Trinocular F2	F2 84212	1	705.00 US\$	② Patologia	A / A	B
166	4-11-96	Lentes Ocular 10X	84220 CFWN 10X	2	190.00 US\$	② Patologia	A / A	B
167	4-11-96	Revolver Portaobjetivos	6 Objectives	1	195.00 US\$	② Patologia	A / A	B
168	4-11-96	Carro Mecanica	79275	1	245.00 US\$	② Patologia	A / A	B
169	4-11-96	Condensador de Lentes	Nikkon 79051	1	225.00 US\$	② Patologia	A / A	B
170	4-11-96	Lentes Objetivos 2X	CF N Plan Acromatico 79066	1	215.00 US\$	② Patologia	A / A	B
171	4-11-96	Lentes Objetivos	CF N Plan Acromatico 85010	1	225.00 US\$	② Patologia	A / A	B
172	4-11-96	Lentes Objetivos 10X	CF N Plan Acromatico 85011 10X	1	410.00 US\$	② Patologia	A / A	B
173	4-11-96	Lentes Objetivos 20X	CF N Plan Acromatico 85012 20X	1	455.00 US\$	② Patologia	A / A	B
174	4-11-96	Lentes Objetivos 40X	CF N Plan Acromatico 85013 40X	1	515.00 US\$	② Patologia	A / A	B
175	4-11-96	Lentes Objetivos 60X	CF N Plan Acromatico 78759 60X	1	780.00 US\$	② Patologia	A / A	B
176	4-11-96	Camara para Sistema de Video	S-V010 Sony DXC 151A	1	1,785.00 US\$	② Patologia	A / A	B
177	4-11-96	Cables RGBS y Transformador	Sony RGBS	1	215.00 US\$	② Patologia	A / A	B
178	4-11-96	Adaptador de TV	Nikkon 83043 C-mount	1	100.00 US\$	② Patologia	A / A	B
179	4-11-96	Monitor de TV	Sony PMV-1353-MD	2	2,800.00 US\$	② Patologia	A / A	B
180	4-11-96	Filtro ND	ND ND2A, ND4, ND16a	1	110.00 US\$	② Patologia	A / A	B
181	4-11-96	Filtro de Azul	45mm NCB11	1	30.00 US\$	② Patologia	A / A	B
182	15-7-96	Kent Extension Retractor	Takasago TKZ-F10328K	1	6,518.02 US\$	④ Cirugia	A / A	B
183	11-9-96	Separador Abdominal	AZ-480-00 Berchold	1	900.00 US\$	④ Cirugia	A / A	B
184	11-9-96	Separador Finochietto-Mathey's	Delacroix Chevalier	1	2,377.00 US\$	④ Cirugia	A / A	B
185	11-9-96	Ventilador	Bennett 7200E	1	20,959.00 US\$	⑤ UT	A / A	B
186	1-8-96	TV	Hitachi 27AX5B	1	679.09 US\$	① Centro	A / A	B
187	1-8-96	Video	Hitachi M291	1	337.13 US\$	① Centro	A / A	B
188	12-6-96	VHS	T-60	25	82.30 US\$	① Centro	A / A	B
189	26-8-96	Antena y Tubos para TV		1	117.48 US\$	① Centro	A / A	B
190	27-8-96	UPS	RU-1250EL EFI	3	5,400.00 US\$	① Centro	A / A	B
191	23-7-96	Monitor y Control para Rx	Toshiba LCA-30A	2	28,800.00 US\$	① Centro	A / A	B
192	15-7-96	Utility Cart	AUC-500	1	280.00 US\$	③ Enfermeria	A / A	B

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193	15-7-96	Treatment Carriage	Eiko 080-070-01	1	1,317.16 US\$	③ Enfermeria	A / A	B
194	15-7-96	Basic emergency cart	BP-10-10	1	1,720.00 US\$	③ Enfermeria	A / A	B
195	15-7-96	Infusion Stand	6178	10	600.00 US\$	③ Enfermeria	A / A	B
196	15-7-96	Cleaning Towel Trolley	Atom PR-612	1	2,499.30 US\$	③ Enfermeria	A / A	B
197	15-7-96	Micro Air Nebulizer	NEU-03	1	610.00 US\$	③ Enfermeria	A / A	B
198	15-7-96	Urine Reservoir	Kokugo 245-004-02	10	58.10 US\$	③ Enfermeria	A / A	B
199	15-7-96	Dressing Drum Large	Eiko 360x240 010-001-01	3	659.55 US\$	③ Enfermeria	A / A	B
200	15-7-96	Dressing Drum Small	Eiko 010-001-12	3	122.01 US\$	③ Enfermeria	A / A	B
201	11-9-96	Pinzas estandar de 18cms	Berchold AE100-18	50	1,400.00 US\$	④ Cirugia	A / A	B
202	15-7-96	Forceps stand	Eiko	3	97.62 US\$	④ Cirugia	A / A	B
203	11-9-96	Pinzas Hemostáticas con Diente	Delacroix Chevalier No.53214-15	10	280.00 US\$	④ Cirugia	A / A	B
204	11-9-96	Pinzas Hemostáticas	Delacroix Chevalier No.53212-15	10	280.00 US\$	④ Cirugia	A / A	B
205	11-9-96	Tijeras Mayo-Stille	Delacroix Chevalier No.53123-15	10	350.00 US\$	④ Cirugia	A / A	B
206	15-7-96	Dressing Jar	Eiko 250ml	12	220.80 US\$	③ Enfermeria	A / A	B
207	15-7-96	Emesis Basin	BP-10-16	15	172.80 US\$	③ Enfermeria	A / A	B
208	15-7-96	Panel screen	Paramount Pink	3	1,539.90 US\$	③ Enfermeria	A / A	B
209	11-9-96	Aspirador de succion Continua	Aeros Instavac	2	3,450.00 US\$	③ Enfermeria	A / A	B
210	8-1-96	Rollo de Side para Endoscopia	Fuji Crome Sensia 100	403	2,122.00 US\$	① Centro	A / A	B
211	5-8-96	Engarapadora Quirurugico	TA-90,55-3.5,ELA-25	75	23,351.00 US\$	④ Cirugia	A / A	B
212	15-7-96	Lab Refrigerador	KeithRamirez	1	859.00 US\$	② Patologia	A / A	B
213	9-8-96	Camara de Refrigeracion	Keith Ramirez CA-33-LE	1	1,842.00 US\$	② Patologia	A / A	B
214	11-10-96	TBS Flotation	Fisher TBS. 1.5-1.8.3-1.9	2	3,860.00 US\$	② Patologia	A / A	B
215	30-8-96	Bario para Digestivo	Baritop P 10KG	180	44,280.00 US\$	① Centro	A / A	B
216	7-10-97	Cubre de Panal	Nakagawa ML	20	1,541.00 US\$	③ Enfermeria	A / A	B
217	7-10-97	Jarro para Orina	Nakagawa 3L	10	642.00 US\$	③ Enfermeria	A / A	B
218	7-11-97	Tubos de Rayos X	Toshiba DXB-0624	2	77,746.80 US\$	① Centro	A / A	B
219	15-7-97	Bario para Digestivo	Nishimoto Baritop HD 10kg/p	180	54,169.20 US\$	① Centro	A / A	B
220	7-10-97	Estera de Aire	Nakagawa	1	1,213.40 US\$	③ Enfermeria	A / A	B
221	7-10-97	Inmovilizadores para Suelo	Nakagawa 30,50cm	12	732.00 US\$	③ Enfermeria	A / A	B
222	7-10-97	Silla para Ducha	NABIS	2	667.70 US\$	③ Enfermeria	A / A	B
223	7-10-97	Bano Portatil	NNakagawa	2	720.00 US\$	③ Enfermeria	A / A	B
224	7-10-97	Icenon	Nakagawa	10	128.50 US\$	③ Enfermeria	A / A	B
225	7-10-97	Sabana Impermiable	Nakagawa	10	847.50 US\$	③ Enfermeria	A / A	B

No.	Date	Description	Model	Quantity	Price	Place	Utility /Condition	Category
226	7-10-97	Bolsillo para Carrito	Nakagawa	2	141.30 US\$	③ Enfermeria	A / A	B
227	7-10-97	Hot Cabinet	Muranaka Uni	1	1,352.00 US\$	③ Enfermeria	A / A	B
228	23-10-97	Carrito para Tratamiento	P. Instrun	1	400.00 US\$	③ Enfermeria	A / A	B
229	14-10-97	Esignomanómetros	Tycos	4	708.00 US\$	① Centro	A / A	B
230	7-10-97	Silla de Rueda con Gigante	HA-100SF	2	515.34 US\$	① Centro	A / A	B
231	7-10-97	Refrigerador	Atlas N 13D 01450501	1	551.00 US\$	③ Enfermeria	A / A	B
232	13-8-97	Secador de Manos	Tew 50674 50580 50613	3	597.96 US\$	④ Cirugia	A / A	B
233	10-8-97	Grapador Automatico Quirurugico	TA90-3.5,55-3.5.CEEA	1	21,816.00 US\$	④ Cirugia	A / A	B
234	10-8-97	Tinte para Endoscopia	Daiichi Indigocarmine	300	5,676.00 US\$	① Centro	A / A	B
235	28-10-97	Anti A DADE	Dako A0581	2	186.00 US\$	⑥ UCR	A / A	B
236	10-10-97	Reactivos de Inmunidad	Shandon	1	3,235.00 US\$	② Patologia	A / A	B
237	25-9-97	Anti B DADE	DAKO A0582	2	186.00 US\$	⑥ UCR	A / A	B
238	25-9-97	Anti H DADE	Dako A0583	2	186.00 US\$	⑥ UCR	A / A	B
239	25-9-97	Kit de Inmunohistoquimica	Dako K1392	1	370.00 US\$	⑥ UCR	A / A	B
240	25-9-97	Micropipeta	Sigma z36808-3 z36810-5 z36810-3	3	1,035.00 US\$	⑥ UCR	A / A	B
241	25-9-97	Puntas para Micropipetas	Sigma z35147-4 p5037 p1665	6000	462.00 US\$	⑥ UCR	A / A	B
242	25-9-97	Tubos Criogenicos	SIGMA	100	610.00 US\$	⑥ UCR	A / A	B
243	25-9-97	Tubos Eppendorf	Sigma T9661	2	142.00 US\$	⑥ UCR	A / A	B
244	25-9-97	Reactivos para Gastorina	Incstar CA-1570 125tubes/box	3	435.00 US\$	⑥ UCR	A / A	B
245	25-9-97	Reactivos para Pepsinogeno	Incstar P2560 100tubes/box	3	1,290.00 US\$	⑥ UCR	A / A	B
246	20-8-97	Automatizado de Inmunotincion	Shandon Lipshaw Cadena H.V	1	25,800.00 US\$	② Patologia	A / A	B
246	10-10-97	Auto Bus	Toyota Coaster 33661cc	1	35,685.00 US\$	① Centro	A / A	B
247	10-8-97	Cryostato	Shandom Lipshaw AS620E	1	15,000.00 US\$	② Patologia	A / A	B
248	10-8-97	Centrifuga	Hermle GmbH Z200A	1	3,958.00 US\$	② Patologia	A / A	B
249	10-9-97	Digital Film Recorder	FP2-UMI,POM-PM	1	8,235.00 US\$	① Centro	A / A	B
250	10-9-97	Electrocardiograh	CARDIOVIT AT10	1	9,996.00 US\$	① Centro	A / A	B
251	10-10-97	X-ray Output Analizar	VICTORREN 6000M	1	33,300.00 US\$	① Centro	A / A	B
252	10-10-97	X-ray Potometer	VICTORREN	1	4,200.00 US\$	① Centro	A / A	B
253	10-10-97	X-ray Test Chart	PTW-FREIBURG 81	1	1,670.00 US\$	① Centro	A / A	B
254	10-10-97	Cmputer	PowerMac 6500	1	2,237.00 US\$	① Centro	A / A	B
255	10-10-97	Computer Monitor	Apple Vision 1710	1	978.00 US\$	① Centro	A / A	B
256	10-10-97	Personal Computer	Apple PowerBook 1400	1	2,263.00 US\$	⑥ UCR	A / A	B
257	10-10-97	Random Access Memory	DIMM 64M	1	543.00 US\$	① Centro	A / A	B

No.	Date	Description	Model	Quantity	Price	Place	Utility /Condition	Category
258	10-10-97	Power Supply Unit	300VA	1	130.00 US\$	⑥ UCR	A / A	B
259	10-10-97	Laser Printer	MAC 600PS	1	1,040.00 US\$	⑥ UCR	A / A	B
260	10-10-97	Cable	M0197LLB	1	16.02 US\$	① Centro	A / A	B
261	10-10-97	Software	Adobe Persuasion 3.0	1	391.09 US\$	① Centro	A / A	B
262	10-10-97	Software	Adobe Photoshop 4.0	1	858.43 US\$	① Centro	A / A	B
263	10-10-97	Hoto Slide Folder	Fuji Color 2000 KEL	10	3,875.00 US\$	① Centro	A / A	B
264	10-10-97	Photo Slide Box	Fuji Damproof	10	938.30 US\$	① Centro	A / A	B
265	16-9-97	Fotocopiadora	Canon NP6012	1	1,475.00 US\$	⑥ UCR	A / A	B
266	13-3-98	Alimentacion Parenteral	Termo Unicalic L&n	2000	32,221.15 US\$	④ Cirugia	A / A	A
267	27-3-98	Sistema de TAC	Toshiba Auklet	1	308,000.00 US\$	① Centro	A / A	B
267	27-3-98	Garntia de Pago Irrevocable TAC	Banco de San Jose	1	1,848.00 US\$	① Centro	/	B
268	29-7-98	Aireacondicionado	Minispilit Mltsubishi Electric PL-24FK	1	3,550.00 US\$	① Centro	A / A	B
269	1-7-98	Fotocopiadora	Xerox 5826	1	7,327.00 US\$	① Centro	A / A	B
270	28-8-98	Image Pro Plus Software	IPPWIN Media Cybernetics	1	4,011.87 US\$	② Patologia	A / A	B
271	4-8-98	Sistema de Ultrasonido Endoscopico	Olympus EU-M30, GF-UM130, MH-869,	1	210,970.00 US\$	① Centro	A / A	B
272	9-9-98	Congelador Vertical	Ultima UTL2186.7D	1	8,874.00 US\$	⑥ UCR	A / A	B
273	18-9-98	Negatoscopio de Dos cuerpos	graham Field	1	560.46 US\$	① Centro	A / A	B
274	23-10-98	Pipeta Pasteur y Aguja B.D	15cm Long 21*1 1/2	1	368.00 US\$	⑥ UCR	A / A	B
275	26-10-98	Contador Gamma	DPC GC12	1	20,420.00 US\$	⑥ UCR	A / A	B
276	29-6-98	Grapadoras y Cargas	US Surgical TAPremium 90&55, CEEA25	96	19,200.00 US\$	④ Cirugia	A / A	B
277	15-10-98	Jugos Reactivos de Gastrina	Incstar 125tubes/box	14	2,170.00 US\$	⑥ UCR	A / A	B
278	2-9-98	Micropipetas Puntas y Tubos	Jencons	1	1,091.27 US\$	⑥ UCR	A / A	B
279	23-10-98	Pepsinogen I & II	Dainabot 2A04	64	28,971.88 US\$	⑥ UCR	A / A	A
280	2-2-99	Pepsinogen I & II	Dainabot 2A04	64	28,971.88 US\$	⑥ UCR	E / E	A
281	9-6-99	Tubos Polietilenos	12*17mm Evergreen	3500	264.60 US\$	⑥ UCR	B / A	B
282	11-6-99	Bisturi Armonico Ultracision	Johoson Medical, Ethicon	1	22,724.00 US\$	④ Cirugia	B / A	B
283	11-6-99	Paple Picrostat	Fuji Film PS-DS, PS3-SG	10	1,700.00 US\$	② Patologia	A / A	B
284	19-5-99	Transcutor	Toshiba PVF-375mt	1	3,970.00 US\$	① Centro	A / A	B
285	31-5-99	Jeringa para TAC	100 ml, 200ml	40	5,712.90 US\$	① Centro	A / A	B
286	31-5-99	Tubos descartables para TAC	50 pcs/cj	24	5,760.00 US\$	① Centro	A / A	B
287	14-5-99	Computador	Mac. iMac BB 333/32/6G/CD/6V/512K	1	1,446.00 US\$	① Centro	A / A	B
288	14-5-99	Zip	USB EXT para MAC	1	199.00 US\$	① Centro	A / A	B
289	14-5-99	AsanteTalk	10BT para Mac		178.00 US\$	① Centro	A / A	B

No.	Date	Description	Model	Quantity	Price	Place	Utility /Condition	Category
290	14-5-99	Tarjeta de SCSI	AVA-2906	1	130.00 US\$	① Centro	B / A	B
291	14-5-99	Impresor	HP Laserjet 4000 TN Printer	1	2,228.94 US\$	⑥ UCR	A / A	B
292	14-5-99	Monitor de Computador	Apple Studio 17"		640.00 US\$	⑥ UCR	A / A	B
293	14-5-99	CPU	PMG3 300/64/6G/CD/KB-LAE		1,919.00 US\$	⑥ UCR	A / A	B
294	9-6-99	Scanner	2400S UMAX SCIS	1	599.00 US\$	⑥ UCR	A / A	B
295	24-6-99	Unidade Aplicador y Cargas	Auto Suture, EEA25, TA55, TA90	328	47,170.00 US\$	④ Cirugia	A / A	B
296	7-7-99	VHS	Panasonic NVS040908	1	223.00 US\$	② Patologia	A / A	B
297	21-7-99	Cuchillas en dispensador	Shandon Lipshow 1001593	30	2,400.00 US\$	② Patologia	A / A	A
298	21-7-99	Cuchillas en dispensador	Shandon Lipshow 3050835	4	320.00 US\$	⑥ UCR	A / A	B
299	21-7-99	Portaobjeto	Superfrost 72 u/cj	6	120.00 US\$	② Patologia	A / A	B
300	21-7-99	Filtros para goteo	12 filtros/cj	6	78.00 US\$	② Patologia	A / A	B

Total Amount US\$ 2,332,565.75

Total Amount Colons 664,781,238.75 (\$ 1 = 285 colons)

Note:

Category :A) Supply from Japan B) Supply in Costa Rica

Utility :A) Good B) Normal C) Occationaly D) Rare E) Out of use

Condition :A) Good B) Usable but necessary to repair C) No usable and necessary to repair D) Beyond repair

The Project for Early Detection of Gastric Cancer

Evaluation Summary

Overall Goal

The mortality rate of gastric cancer in Costa Rica is reduced.

Project Purpose

A mass screening, detection and treatment system of gastric cancer at the Max Peralta Hospital is established.

Output 1: Mass Screening System of Gastric Cancer

Goal	Expected Achievement by the End of the Period
A mass screening system of gastric cancer, consisting in the selection, conveyance, education, management as result of the examined patients, is established for the model area in Cartago.	All the activities planned at the initial stage have been carried out with the necessary input. It is recognized that the mass screening system for the model area has been established. However, the level of capability and willingness of each Basic Teams of Integral Attention Health (EBAIS) differs from it, and it swayed the rate of selected population taking examination.

Sub-Goals	Achievement	Remaining Tasks
1-1 The scientific design and the executive plan for the mass screening system is elaborated.	A	The scientific design and the executive plan for the mass screening system has been elaborated, although the collaboration between the system and the EBAIS needs to be strengthened.
1-2 The epidemiological tool is applied to the selection of population.	A	The epidemiological tool for screening test was provided by the Costa Rican side.
1-3. Communication, transportation and control system for population selected is established.	A	The activity of the Project was carried out as planned. Local communication with the selected population and the control system depended on of the EBAIS, but there was a concern, that some EBAIS could not fulfill its function as expected.
1-4. Educational material (videos, pamphlet, posters, etc.) for the population selected is produced.	A	Educational material for the selected population was produced as planned. Also, a video introducing the Project and material for the population not selected were produced too.
1-5. Coordination with the model area with an active participation of the population selected is established.	A	Activities were mostly carried out appropriately, some activities could be done more in coordination with the model area, although a direct explanatory meeting with the selected population by the Project was held just once.
1-6. Staffs of the EBAIS in model area are trained in order to motivate the community leaders and population selected.	B	A priority of motivation for a mass screening system is not so high among various EBAIS's job, the number of attendance and willingness for training were lower than the expected.
1-7. The control methods to follow up patients after the screening test are established.	B	Management of the examined patients is satisfiable, since the individual data of examined patients have been stored appropriately. The follow up for examined patients is not carried out by the EBAIS, and this situation is caused by the fact EBAIS is not formally involved to the Project. It is indispensable to collaborate with CCSS in order to control EBAIS.

Output 2: Mass Detection System of Gastric Cancer

Goal	Expected Achievement by the End of the Period
A mass detection system of gastric cancer, consisting of X-ray screening test, endoscopy examination, and pathology examination, is established for the model area in Cartago.	The activities planned at the initial stage have been mostly carried out with the necessary input, and it is recognized that a mass detection system is mostly established. An allocation change from the counterpart, Radiologist (doctor), affected the implementation of the Project. Although new counterpart has been trained, it is difficult for her to achieve sufficient level of technology by the end of the cooperation period. It is desirable the trained counterpart should collaborate with the new counterpart after the end of the Project. As for the Computerized Axial Tomography (CAT) equipment, the period from its installation until the end of the Project is too short to transfer the sufficient level of technique of its effective use.

Sub-Goals	Achievement	Remaining Tasks
2-1. Detection technique of gastric cancer by screening test, using X-ray, is improved.	B	The activities planned have been carried out with necessary input. Two radiological technicians have been transferred with the sufficient level of technology. It is planned that they will teach some new counterpart personnel after the end of the Project. Former counterpart personnel of radiologist acquired sufficient level of technology, but she left the Project because of the allocation change at the Max Peralta Hospital. It is expected that the current counterpart radiologist personnel will achieve the level of technology required for detection of gastric cancer. As for Computerized Axial Tomography (CAT) equipment, the installation was delayed. Technology transfer has just started and the level of Costa Rican counterpart personnel's technology is not sufficient yet. Residents of radiologist have not been carried out as planned because of the shortage of human resources. On the other hand, training of radiological technician has been carried out as expected.
2-2. Detection technique of gastric cancer using endoscopy examination is improved.	B	The activities planned have been carried out with necessary input. The rotation of gastroenterologist has been carried out as planned.
2-3. Detection technique of gastric cancer using pathology examination is improved.	A	The activities planned have been mostly carried out with the necessary input, and the expected results have been achieved. It is expected that the further experience of examination will contribute to the improvement of technique. The resident pathologist has not been rotated as planned.
2-4. Nursing technique for the detection of gastric cancer is improved.	B	The nurses that belong to the detection center acquired the necessary knowledge and technique to some extent.
2-5. Care towards the patients of gastric cancer is improved by a multidisciplinary team (doctors, nurses, technicians and administrative personnel).	B	The quality of care has been improved through the activities of the Project. However, the functions as a multidisciplinary team still needs to be sophisticated.

Output 3: Treatment System of Gastric Cancer

Goal	Expected Achievement by the End of the Period
Treatment system of gastric cancer, consisting of surgical treatment, nursing before and after operation, and monitoring, is established for model area in Cartago.	The counterpart personnel, Surgeon, Anesthesiologist, and Nurse, has been trained in Japan as planned. The theory of a treatment system for gastric cancer in Japan was already understood by such counterpart personnel. These personnel tried to apply those techniques to the system, but it has not been utilized yet in full because of the institutional and cultural differences between Costa Rica and Japan. As a result, the treatment system, consisting of a series of steps before and after the operation, surgical treatment, management, nursing, and observation could not be established according to the goal.

Sub-Goals	Achievement	Remaining Tasks
3-1. The Japanese method of treatment of gastric cancer through conventional and endoscopy surgery is used.	B	The methodology of gastric cancer treatment in Japan theoretically and institutionally differs from the methodology that has been applied in Costa Rica. This difference was an obstacle for the implementation of the Project, and the extent of surgical technology transfer was limited. The experience of endoscopy surgery is not sufficient for a technology transfer.
3-2. Nursing technique for treatment of gastric cancer is improved	C	It was difficult to transfer technology to the nursing division at the Max Peralta Hospital because of the institutional and cultural difference between Costa Rica and Japan.
3-3. Control methods to follow up the patients after the treatment are established.	B	Many patients after treatment are followed up by the Project directly. However, for patients living in remote area from the Max Peralta Hospital, the Project only investigates the situation by telephone and the following up depends on clinic in each area

Output 4: Database and Information System on Gastric Cancer

Goal	Expected Achievement by the End of the Period
Database and information system on gastric cancer is established.	A construction of a database in relation to the detection and treatment has been mostly completed. An improvement of database and data analysis program is expected to be completed by the end of the cooperation period. A construction of an information system is planned at the initial stage based on the consideration of a future development of a screening, detection, and treatment system in Costa Rica. However, the information system has not been constructed, under the understanding that the information system is unnecessary during cooperation period. Necessary output for the Project should be accomplished by the end of the cooperation period.

Sub-Goals	Achievement	Remaining Tasks
4-1. Programs for the information system are elaborated.	C	A construction of information system is planned at the initial stage based on the future consideration for the development of a screening, detection, and treatment system in Costa Rica. However, the information system has not been constructed, under the understanding that the information system is unnecessary during cooperation period.
4-2. The information produced by the Project activities is appropriately managed and analyzed.	B	In order to treat and analyze the information produced by the Project, an improvement process of existing database is taken. The purpose of the activity will be achieved by the end of the cooperation period.

Output 5: Research and Epidemiological Study on Gastric Cancer

Goal	Expected Achievement by the End of the Period
A research and epidemiological study on gastric cancer are strengthened.	Because of the necessity to accumulate the data from patients for strengthening of epidemiological study, it is needed to complete a second rotation of screening test in the model area. On the other hand, statistics for CCSS are provided on monthly basics, and a manual for various kinds of gastric cancer was elaborated by the Project.

Sub-Goals	Achievement	Remaining Tasks
5-1. Periodical reports about the detection results are prepared, future projections are prepared, too, and adequate statistic reports required by CCSS are elaborated, also.	B	Result on mass screening, and detection has been periodically reported to a national medical congress of Costa Rica. Future projections has not been made since it is required to be obtained from the result of a second rotation of screening test. The statistic reports required by CCSS has been provided.
5-2. A protocol corresponding gastric cancer cases is made.	B	An atlas for various kinds of gastric cancer was elaborated. A protocol for detection, and treatment of gastric cancer is prepared and applied to the Project activities. It is expected for the protocol to contribute to revision of the national protocol for gastric cancer.
5-3. Serological research using specimen collected from patients from screening test is carried out.	B	Serological research is conducted by INISA. 1,300 serological samples among 1,500 samples has been collected. Items to be examined are: Pepsinogen I, Pepsinogen II, and Gastrin. Also, 1,000 cases of blood have been examined and there is a plan for 500 cases more. Among them, 300 cases of blood have been already collected (examinations to be made in September 1999), and the examinations of 200 cases would be completed in January, 2000.
5-4. Research between the infection by Helicobacter Pylori and gastric cancer is carried out.	C	In relation to a cultivation of bacillus, there are various kinds of difficulty. The methodology of cultivation is under a study.
5-5. Protocols for epidemiological study on gastric cancer are prepared.	C	An experimental study has been carried out by INISA. The epidemiological study needs the result from the second rotation on gastric cancer, therefore, it is difficult to achieve the purpose of this activity by the end of cooperation period.

Output 6: Hospitalary Administration and Health Attention

Goal	Expected Achievement by the End of the Period
A Hospitalary administration and health attention in relation to a mass screening, detection, and treatment system are developed.	It is necessary to maintain the collaboration with the Max Peralta Hospital for an effective implementation of the Project. A Hospital Executive Committee was organized for this purpose, and periodical committee meetings were held before the suspension of the mass screening system caused by the reconstruction of the detection center. During and after suspension of the service of screening test, the committee meeting has not been held periodically.

Sub-Goals	Achievement	Remaining Tasks
6-1. Collaboration with the Hospital Executive Committee of Max Peralta Hospital is established in order to keep constant monthly information flows.	C	At the evaluation, it is confirmed that the Hospital Executive Committee is not periodically held, and that the method of information flows is not organized, although it is recognized the necessity to strengthen the function of committee.

Output 7: Cost-Effective Study

Goal	Expected Achievement by the End of the Period
Cost-effective study on a mass screening, detection and treatment system of gastric cancer is carried out.	A preparation for cost-effective study on a mass screening, detection, and treatment system of gastric cancer has been done to some extent. Although an experimental study was made, there is not a standardized methodology for evaluation. Therefore, cost-effective study on a mass screening, detection, and treatment system of gastric cancer has not been carried out.

Sub-Goals	Achievement	Remaining Tasks
7-1. The number of patients examined, detected, and treated, is registered.	A	The number of patients examined, detected and treated, has been completely registered.
7-2. Tools are created and The General Information System is used for a cost calculation.	B	A general Information System has not been utilized, but materials for a cost calculation have been obtained.
7-3. Cost per patient is determined, using a cost / production devise.	C	The Project is trying to determine the cost per patient, but it is not completed yet.
7-4. Patients are classified by attention levels to assign cost.	B	For the purpose to determine a cost per patient, it is in process a classification of the different types of patients of patients.

Note: Criteria for achievement are as followings;

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|----|--|-------------------------|
| A: | Sub-goal will be achieved for the most part. | (ratio: 80-100%) |
| B: | Sub-goal will be achieved to a certain extent. | (ratio: 60-80%) |
| C: | Sub-goal will not be achieved. | (ratio: lower than 60%) |

Annex 7: Major Academic Activities and Dissemination (until Jun of 1999)

Number	Dates	Activities
1	June 20 to 23, 1995	Readings about the Project activities and the importance of mass detection at the commemorative seminary for the 20 years of INISA.
2	September 20th, 1995	Presentation about the current Japanese situation as of mass detection, diagnosis and treatment of Gastric Cancer at the XI Latin-American International Symposium.
3	September 27th, 1995	Speeches for the staff members of the Hospital Max Peralta about the importance of mass detection.
4	October 20th, 1995	Presentation about the current situation of mass detection and the experiences in Japan as well as the importance of it in the Hospital de San Carlos.
5	October through December 1995	Illustrative presentations were given to the EBAIS members once a week for 5 weeks to teach basic knowledge about Gastric Cancer and the exams.
6	November 20th, 1995	Gastric Cancer presentations were given during the Gastroenterology Congress organised by the project.
7	May 20th, 1996	Participation at the Pathology Congress at the Hospital Calderon Guardia, and then at the gastric pathology conference twice a months.
8	September 26th, 1996	Presentations about the radiological diagnosis of early gastric cancer were given at the Diagnosis per Image Symposium in Costa Rica.
9	November 4th, 1996	The results for diagnosis and treatment of the gastric cancer were shown at the Latin-American Congress of Surgery.
10	November 18th, 1996	The results of the Project were presented at the International Gastroenterology Congress in Nicaragua.
11	December the 1st, 1996	A seminary about Gastric Cancer was given at the National Medical Congress of Costa Rica.
12	December 10th, 1996	Illustrative presentations about the importance of massive detection of Gastric Cancer were given to the Los Santos area population at the local clinic.
13	May 25th, 1997	Presentations about the surgical treatment for advanced Gastric Cancer and the anesthetic control were given at the Hospital San Juan de Dios.
14	June 4th, 1997	Illustrative presentations were given in Guadalupe's Clinic to the local area population and members of the EBAIS.
15	August 21st, 1997	A television special about Gastric Cancer was played on Channel Four's TV show En La Mira, with the participation of the project members and the Advisory Committee.
16	September 26th, 1997	Illustrative presentations were given in Oreamuno's Clinic to the local area population and members of the EBAIS.
17	October 5th, 1997	The Project results were shown at the Latin-American Surgery Congress in Guatemala.

Annex 7: Major Academic Activities and Dissemination (until Jun of 1999)

Number	Dates	Activities
18	October 13th, 1997	Presentations about the surgical treatment for advanced Gastric Cancer and the experience achieved in "mucosectomies" were given at the Latin-American Cancer Congress.
19	November 15th to 22nd, 1997	Presentations about the Project's activities and results were given at the Pan-American Congress in the Dominican Republic .
20	November 28th, 1997	A symposium for Gastric Cancer was given as well as the Project's results.
21	January 18th, 1998	Illustrative presentations were given in San Francisco's Clinic to the local area population and members of the EBAIS.
22	April 29th, 1998	Didactic presentations for medics and nurses about early diagnosis of Gastric Cancer were given at the Hospital Max Peralta.
23	August 28th, 1998	Participation in the Technological Fair with an exposition about Gastric Cancer massive detection at the Technological Institute de Costa Rica.
24	November 2nd to 4th, 1998	An exposition about the INISA participation in the Project was given during the 1998 Annual Exposition at the U.C.R.
25	November 4th to 7th, 1998	Presentations about the Project's results were given at the National Gastroenterology Congress.
26	November 30th to December 4th, 1998	Presentations about the Project's results were given at the National Surgery Congress.
27	December 27th, 1998	The local newspaper La Nacion selected the Project's team as the key figure of the year in the scientific field.
28	June 20th to 26th, 1999	Dr. Sasagawa, Project Leader, presented the activities and results of the Project at the International Symposium of the 71st Gastric Cancer Japanese Congress.