

④ スークレ消化器疾患研究センターの活動報告（1980～1988）

年度別契約スタッフ採用実績

(1981年～1988年)

人員内訳	1981	1982	1983	1984	1985	1986	1987	1988
所長								
医師	2	2	1					1
技術サービス部門要員	4	4		3		3		1
正看護婦	3	1			1	3	6	1
准看護婦	3	3			1		2	2
管理部門要員	1	1	2	2	3	1	1	1
サービス部門補助スタッフ	2	4		2	5		9	2

サービス部門補助スタッフ : 清掃 掃除
洗濯 濯衛
守 衛

各年度当初の職種別スタッフ数

(1981年～1988年)

人員内訳	1981	1982	1983	1984	1985	1986	1987	1988
所長	1	1	1	1	1	1	1	1
医師	11	12	16	16	16	16	17	17
技術サービス部門要員	14	17	16	15	14	14	14	13
正看護婦	6	13	9	9	8	8	8	8
准看護婦	18	18	22	22	21	21	21	21
管理部門要員	10	9	12	13	12	12	12	17
サービス部門補助スタッフ	22	24	24	24	20	20	20	18

技術サービス部門 : 微生物学者
検査技師
検査補助スタッフ
栄養士
ソーシャルワーカー
放射線技師

各年度末の職種別スタッフ数

(1981年～1988年)

人員内訳	1981	1982	1983	1984	1985	1986	1987	1988
所長	1	1	1	1	1	1	1	1
医師	12	16	16	16	16	17	17	17
技術サービス部門要員	17	16	15	14	14	14	13	13
正看護婦	13	9	9	8	8	8	8	8
准看護婦	18	22	22	21	21	21	21	21
管理部門要員	9	12	13	12	12	12	17	16
サービス部門補助スタッフ	24	24	24	20	20	18	18	18

管理部門要員 : 管理部長
会計士
コスト算出係
秘書
統計補助スタッフ
メッセンジャーボーイ
案内係員
人事課長
統計係
運転手

年度別外来患者数

内 訳	1980	1981	1982	1983	1984
初 診	1,608	2,876	2,323	2,914	1,495
再 診	1,151	2,617	1,558	1,552	947
他医療機関からの紹介患者	260	0	0	0	0
検 査 患 者	548	0	0	0	0
合 計	3,567	5,493	3,881	4,466	2,442

内 訳	1985	1986	1987	1988	合計
初 診	1,842	1,628	1,118	1,302	18,124
再 診	768	592	631	828	11,769
他医療機関からの紹介患者	0	0	758	0	1,018
検 査 患 者	0	0	577	0	1,125
合 計	2,610	2,220	3,084	2,130	29,893

年度、検査内容別放射線診断実績 (1980~1988)

検査内容	1980	1981	1982	1983	1984	1985	1986	1987	1988	合計
E. E. D.	731	944	545	526	346	408	544	620	356	5,020
胸郭	270	474	221	402	190	283	306	463	439	3,048
結腸 (注腸造影)	245	312	211	355	233	283	319	335	281	2,574
胆のう (経口的)	450	650	312	166	63	62	224	84	37	2,048
骨格	0	29	18	57	31	54	73	317	208	787
腹部単純	40	79	47	67	41	64	81	104	89	612
PIELOGR. DESCEND.	6	29	43	55	44	73	93	106	64	513
HISTEROSALPINGOGR.	32	37	35	31	40	36	33	41	46	331
COLANGIOGR. DE CONTR.	0	14	19	28	38	28	36	33	40	236
頭部動脈	0	11	24	25	11	26	27	55	21	180
COLECISTOGR. E. V.	67	44	13	7	0	6	0	0	0	137
食道	0	16	10	30	10	17	14	13	20	130
腸通過部	18	5	9	10	5	22	13	23	9	114
尿管撮影	3	16	21	16	5	9	10	5	7	93
MIELOGRAFFIA	0	2	8	6	5	6	4	3	17	51
断層 X 線写真	4	16	3	1	5	1	3	1	7	41
開口管法	0	5	4	13	2	4	12	1	5	46
P. T. C.	6	3	2	5	10	4	3	2	1	36
FLEVOGRAFFIA	0	0	1	11	1	2	4	0	1	20
COLOCAC. MARCA PASO	0	0	0	8	4	1	0	0	1	14
肺動脈	0	0	8	1	5	0	0	0	0	14
十二指腸	0	1	2	0	0	2	3	2	3	13
細胞撮影	0	1	0	2	0	1	2	0	1	7
その他	13	0	1	6	1	3	2	0	0	26
E. R. C. P.	8	0	23	35	26	45	37	44	35	253
合計	1,893	2,699	1,560	1,863	1,116	1,440	1,843	2,253	1,688	16,345

年度、検査内容別内視鏡検査サービス受診患者数

(1980~1988)

検査内容	1980	1981	1982	1983	1984
E. E. D.	321	400	497	912	661
結腸	27	37	31	57	19
直腸 S 状結腸	31	19	22	0	14
食道	0	16	16	0	0
E. R. C. P.	19	28	14	24	16
POLIPECTOMY	0	2	0	0	0
合計	398	502	580	993	710

検査内容	1985	1986	1987	1988	合計
E. E. D.	811	748	693	734	5,777
結腸	27	68	31	20	317
直腸 S 状結腸	19	0	53	84	242
食道	2	0	0	0	34
E. R. C. P.	43	19	43	36	242
POLIPECTOMY	0	0	1	1	4
合計	902	835	821	875	6,616

年度別、検査内容別病理検査実績数 (1978年～1988年)

検査内容	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	合計
内視鏡採取生体組織検査	14	77	177	178	170	237	122	152	95	157	157	1,536
外科採取組織検査	1	1	46	140	187	291	190	211	120	203	177	1,567
外科採取凍結組織検査	0	0	0	0	2	11	2	1	12	7	7	42
特殊染色検査	0	0	8	40	41	39	30	20	25	23	20	246
細胞学的検査	0	7	10	0	3	4	3	11	9	45	38	130
死体・検死解剖	0	0	0	1	3	2	2	2	0	2	0	12
合計	15	85	241	359	406	584	349	397	261	437	399	3,533

年度別輸血による治療実績 (1980年～1988年)

内容	1980	1981	1982	1983	1984	1985	1986	1987	1988	合計
輸血	11	70	86	74	72	80	78	113	96	680
合計	11	70	86	74	72	80	78	113	96	680

年度別検査内容別臨床検査件数 (1980年～1988年)

内容	1980	1981	1982	1983	1984	1985	1986	1987	1988	合計
血液	322	877	1,445	2,144	2,156	2,470	1,598	2,234	1,690	14,936
血液生化学、酵素	1,394	7,884	5,581	8,191	4,639	5,439	3,532	3,933	2,411	43,004
尿	176	791	975	1,410	906	1,276	539	802	513	7,388
便(寄生虫)	124	255	961	1,793	2,099	2,714	1,425	1,166	398	10,935
合計	2,016	9,807	8,962	13,538	9,800	11,899	7,094	8,135	5,012	76,263

年度、検査内容別超音波診断件数

内 容	1980	1981	1982	1983	1984	1985	1986	1987	1988	合 計
肝 臓、胆 道	---	---	638	1,436	1,283	1,177	---	---	459	4,993
子 宮 他	---	---	15	24	21	318	---	---	158	1,091
腹 部	43	435	63	136	87	530	469	1,333	695	3,791
腎 臓	3	8	10	13	54	77	5	14	12	196
脾 臓	---	---	3	27	---	---	---	---	---	30
辜 丸	---	---	2	---	---	---	---	---	---	2
脾 臓	---	---	2	---	---	---	---	---	---	2
骨 盤	32	142	---	---	---	---	89	155	4	422
乳 房	---	1	---	---	---	---	---	---	14	15
心 臓	---	---	---	---	---	---	---	---	2	2
合 計	78	586	873	1,859	1,637	2,102	563	1,502	1,344	10,544

※ 1986年に検査件数に落ち込みが見られるのは、超音波診断装置の故障による。

年度別外科治療（手術）実績（1981年～1988年）

内 容	年								合 計
	1981	1982	1983	1984	1985	1986	1987	1988	
大 手 術	170	232	286	280	356	263	255	249	2,091
小 手 術	138	133	231	222	245	213	245	175	1,602
合 計	308	365	517	502	601	476	500	424	3,693

年度別心電図検査施行実績（1980年～1988年）

内 容	年								合 計	
	1980	1981	1982	1983	1984	1985	1986	1987		1988
心 電 図 検 査				132		139	173	92	34	570
合 計				132		139	173	92	34	570

年度別病院活動状況

30日/月/ベッド使用基準日数

年	退院患者数			死亡率 (当センター において) (100)	ベッド		在院日数		ベッド回転率 (合計)	ベッド使用 交換間隔日数	病床稼働率 (%)		
	完治退院 患者数	死亡数			稼働数 (日数)	未稼働数 (日数)	No 日数 (合計)	X 患者 平均					
		48時間 以内	48時間 以後									合計	
1981	433	2	11	13	446	2.9	4,046	10,950	4,257	9	14.9	15.48	36.95
1982	470	1	13	14	484	2.9	4,637	10,950	4,522	9	16.1	13.04	42.34
1983	621	6	12	18	639	2.8	5,652	10,950	5,472	8	21.3	8.30	51.61
1984	530	6	9	15	545	2.8	4,665	10,980	4,764	8	18.2	11.58	42.48
1985	598	7	15	22	620	3.5	4,812	10,950	4,942	7	20.7	9.9	43.94
1986	507	2	3	5	512	0.9	4,307	10,950	4,208	8	17.07	12.97	39.33
1987	597	3	7	10	607	1.65	5,166	10,950	5,180	9	20.2	9.53	47.18
1988	496	4	7	11	507	2.16	3,783	10,980	3,813	7	16.9	14.19	34.45
合計	4,252	31	77	108	4,630	2.33	37,068	87,660	37,158	8	154.33	10.93	42.29

年度、診療内容別医療費値引及び無料患者診療実績

診療内容	1982			1983			1984			1985			
	値引患者	%	無料患者	値引患者	%	無料患者	値引患者	%	無料患者	値引患者	%	無料患者	
内視鏡検査	78	82.11	17	77	72.64	29	37	78.72	10	21.28	78	13	14.29
超音波診断	59	65.56	31	80	73.39	29	58	89.23	7	10.77	91	21	18.75
放射線診断	124	75.15	41	60	66.67	30	65	84.42	12	15.58	79	22	21.78
中央検査	87	60.42	57	81	75.7	26	30	63.83	17	36.17	67	57	45.97
その他	43	68.25	20	25	56.82	19	12	92.31	1	7.69	54	4	6.9
手術	22	64.71	12	0	0	0	8	50	8	50	0	0	0

診療内容	1986			1987			1988			
	値引患者	%	無料患者	値引患者	%	無料患者	値引患者	%	無料患者	
内視鏡検査	95	76.61	29	134	81.21	31	94	59.87	63	48.13
超音波診断	61	67.03	30	205	83.33	41	192	77.11	57	22.89
放射線診断	86	64.18	48	248	74.7	84	173	60.7	112	39.3
中央検査	128	69.95	55	145	58.7	102	109	46.98	123	53.02
その他	65	65.66	34	68	59.13	47	15	17.86	69	82.14
手術	0	0	0	89	78.76	24	22	53.66	19	46.34

医療費値引患者 : カテゴリーB (75%負担)、カテゴリーC (50%負担)、カテゴリーD (25%負担) に属する患者を指す。

医療費無料患者 : カテゴリーE (0%負担) の患者を指す。

上記カテゴリーは、ソーシャルワーカー課において決定される。

予算（収入） 1987年7月～1989年5月までの累積計画額と累積実績額の対比
 (単位：Bolivianos)

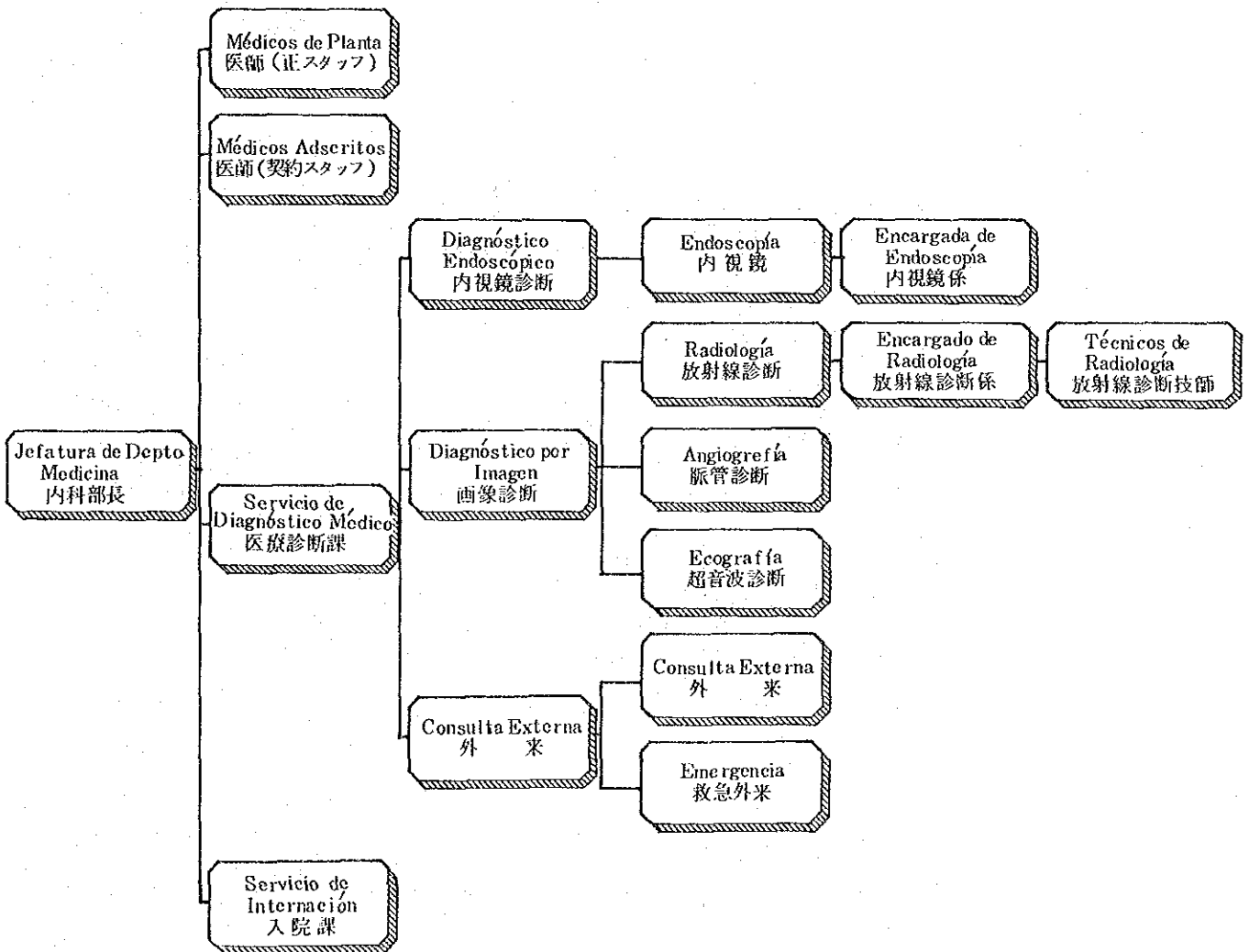
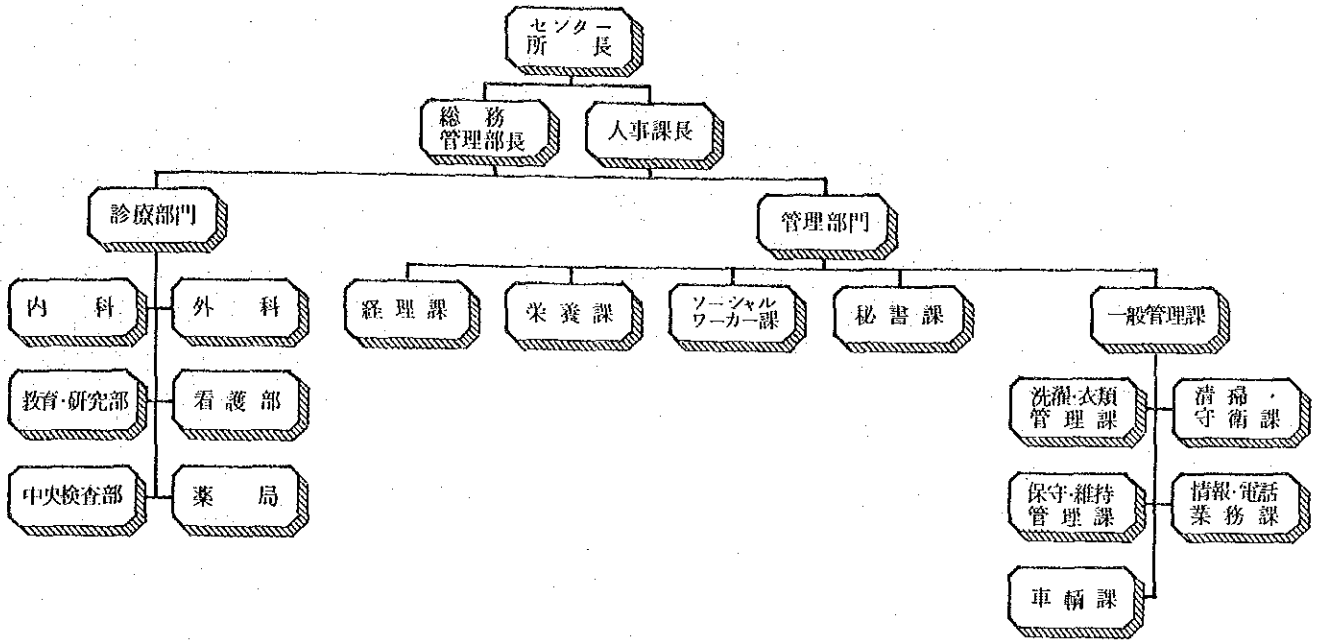
DESCRIPCION	予算（収入） 累積計画額	予算（収入） 累積実績額	予算上の差額
01 VENTA DE SERVICIOS	1,409,791.70	753,404.30	656,387.40
01 Certificados	---	---	---
03 Analisis de Laboratorio	215,076.11	129,328.87	85,747.24
04 Radiologia	483,687.12	321,999.33	161,687.79
05 Inyectables	7,002.42	514.64	6,487.78
07 Quirofano	114,782.53	75,927.96	38,854.57
09 Hospitalizacion	20,320.51	9,425.99	10,894.52
10 Consulta Medica	52,866.69	28,658.40	24,208.29
16 Pensionado	194,496.74	88,586.51	105,910.23
17 Otros	158,012.42	4,851.87	153,160.55
18 Exámenes	163,547.16	94,110.73	69,436.43
02 VENTA DE PRODUCTOS	46,119.76	24,967.55	21,152.21
02 Productos Farmaceuticos	38,343.98	23,374.52	14,969.46
03 Banco de Sangre	5,752.36	1,593.03	4,159.33
04 Otros	2,023.42	---	2,023.42
05 OTROS INGRESOS	---	7,514.90	---
01 Entrada de anos anteriores	---	---	---
a) Saldo Bancario	---	---	---
b) Cuentas por cobrar	---	---	---
04 Reversiones y Devoluciones	---	---	---
06 Otros	---	7,514.90	---
SUMAS TOTALES	1,455,911.46	785,886.75	677,539.61

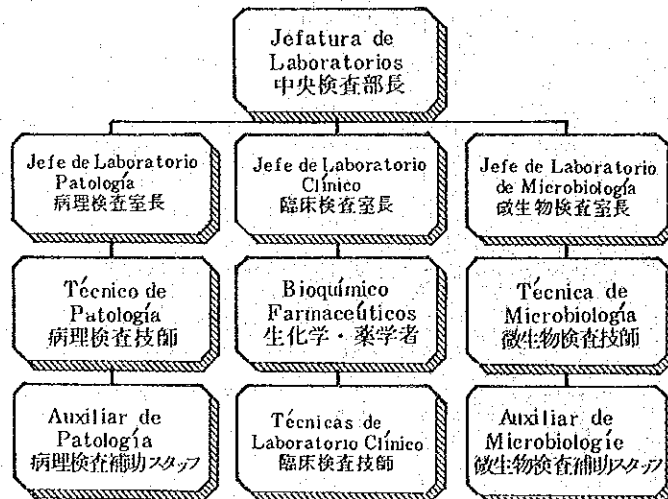
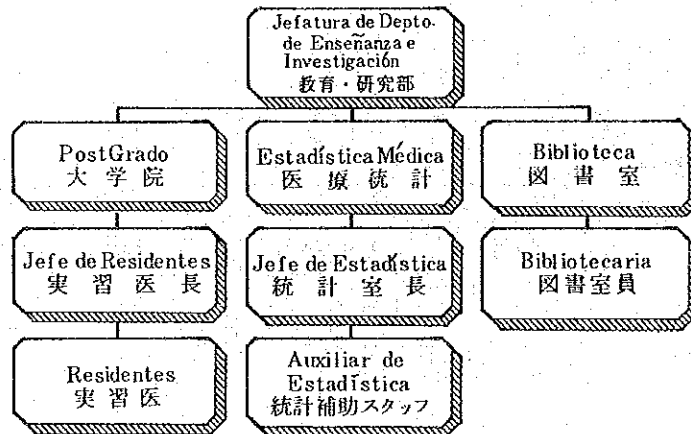
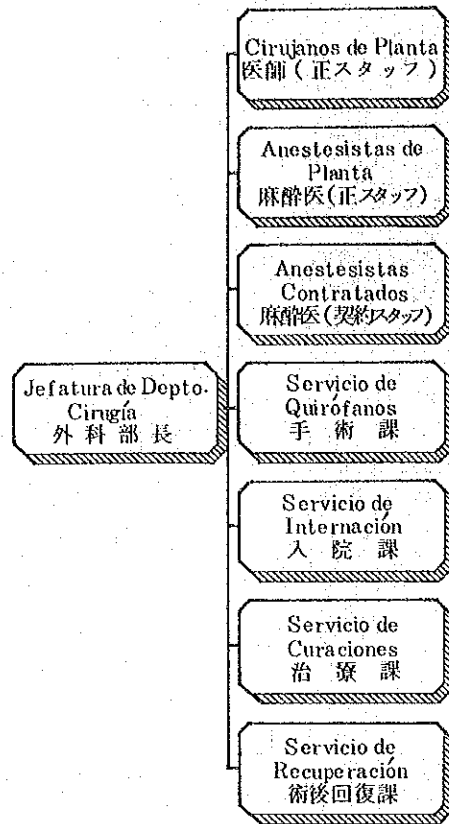
予算(支出) 1987年~1989年5月までの累積計画額と累積実績額の対比 (単位: Bolivianos)

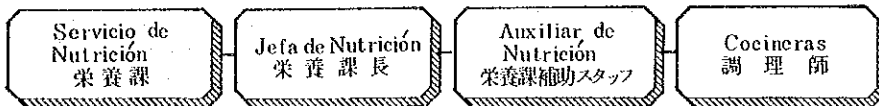
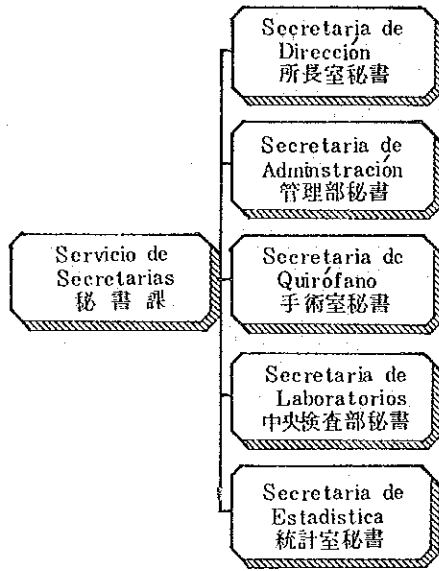
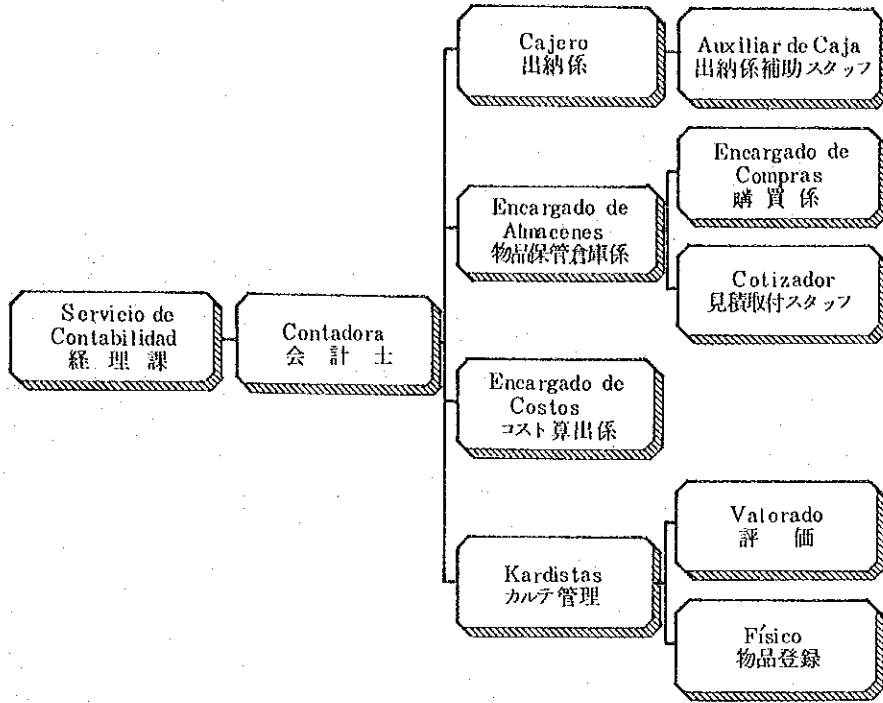
CODIGO	DESCRIPCION	予算(支出) 累積計画額	予算(支出) 累積実績額	予算上の差額
100	Servicios Personales	10,907.42	8,009.13	2,898.29
120.5.1	Empleados No Permanentes	10,907.42	8,009.13	2,898.29
200	Servicios No Personales	515,812.18	267,507.66	248,404.51
210	Servicios Basicos	102,322.19	48,167.35	54,154.84
211.5.1	Comunicaciones	6,679.88	4,563.52	2,116.36
212.5.1.1	Energia Electrica y Agua	84,404.70	42,366.95	42,037.75
213.5.1.1	Publicidad	4,062.99	841.78	3,221.21
214.5.1.1	Imprenta	7,174.62	395.10	6,779.52
220	Servicio de Transporte y Seguros	19,724.80	9,753.48	12,971.32
221.5.1	Pasajes	3,318.76	2,002.03	3,316.73
222.5.1	Viajeros	3,156.21	3,156.21	654.61
223.5.1	Pletes y Almacenamiento	10,595.22	1,595.24	8,999.98
240	Mantenimiento y Reparaciones	43,586.66	20,536.49	23,050.17
241.5.1	Edificios y Equipos	43,586.66	20,536.49	23,050.17
250	Servicios Profesionales y Comerciales	6,817.21	3,877.63	3,039.57
252	Estudios, Investigacion y Proyectos	4,015.20	1,146.08	2,869.12
253.5.1	Comisiones y Gastos Bancarios	2,500.01	2,600.00	170.45
254.5.1	Lavanderia, Limpieza e Higiene	343,361.32	188,172.71	(155,188.61)
260	Otros Servicios No Personales	38,600.65	4,486.27	34,114.38
262.5.1	Asignaciones Globales	284,760.67	183,686.44	101,074.23
263.5.1	Otros Servicios No Personales	284,760.67	183,686.44	101,074.23
300	Materiales y Suministros	957,196.86	442,845.56	514,351.36
310	Para Oficina	64,201.67	32,141.79	32,059.88
311.5.1	Papereria y Suministros Varios	64,201.67	32,141.79	32,059.88
320	Para Usos Varios	892,995.19	410,703.77	482,291.42
321.5.1	Limpieza y Usos Domesticos	50,113.87	15,566.41	34,547.46
322.5.1.1	Vestuario y Textiles	74,104.98	15,143.81	58,961.17
323.5.1.1	Alimentos	136,578.43	86,669.24	49,909.19
325.5.1.1	Lubrificantes y Combustibles	39,267.88	9,393.01	29,874.87
326.5.1.1	Medicos, Farmaceuticos, Quimicos y de Laboratorio	378,039.39	241,873.86	136,665.53
327.5.1.1	Construcciones y Edificaciones	90,110.16	18,511.14	71,599.02
328.5.1.1	Accesorios, Repuestos y Herramientas Menores	103,064.70	22,593.84	80,470.86
329.5.1	Otros Materiales y Suministros	21,715.78	1,452.46	20,263.32
400	Activos Fijos y Financieros	78,355.39	36,502.13	41,853.26
420.5.1	Construcciones, Reformas y Instalaciones	38,820.97	9,531.21	29,289.76
430	Maquinaria y Equipo	39,534.72	26,870.92	12,663.80
431.5.1	Equipos de Oficina y Muebles	34,522.87	26,870.92	7,651.95
436.5.1	Equipos Educacional y Recreativo	5,011.85	---	5,011.85
500	Deuda Publica	39,017.73	7,493.33	31,524.40
510	Interna	39,017.73	7,493.33	31,524.40
514.5.2	Udeditos Reconocidos	39,017.73	7,493.33	31,524.40
	SUMAS TOTALES EN Bs.	1,601,289.58	762,357.81	839,031.76

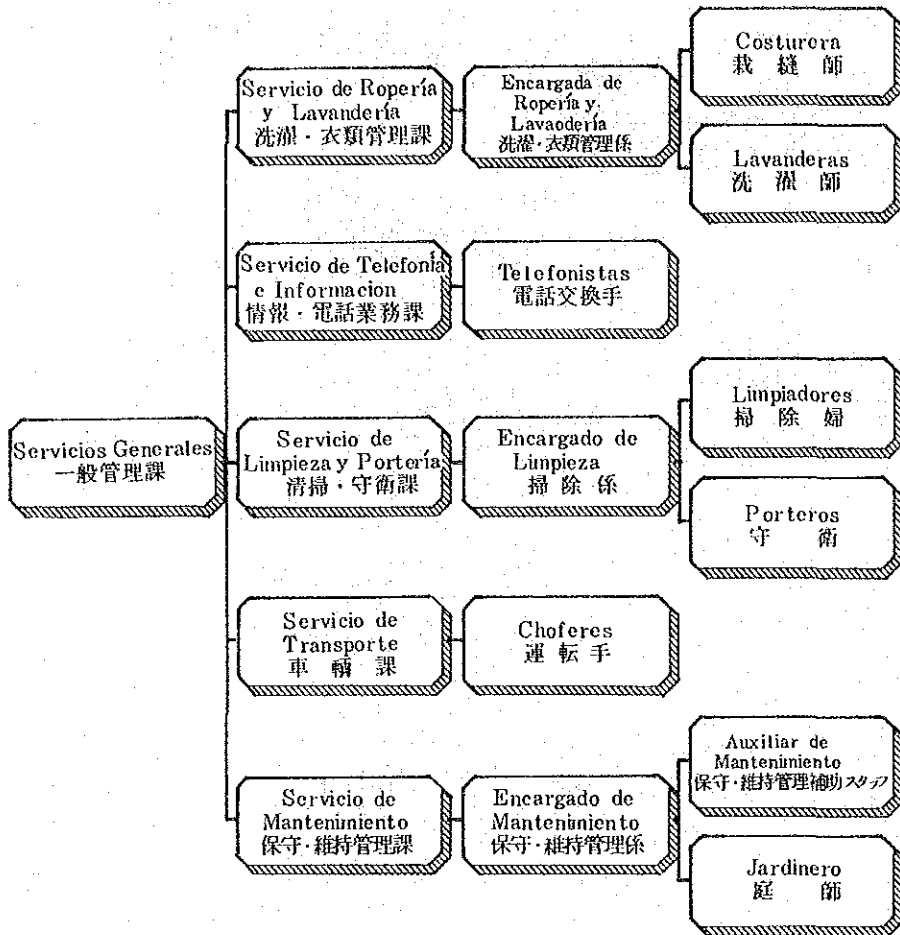
⑤ コチャバンバ消化器疾患研究センターの活動報告 (1981～1988)

コチャバンバ消化器疾患研究センター組織図









コチャバンバ消化器疾患研究センターの組織 (スタッフ)

所 長

Dr. Ciro Zabala C.

人事課長

Sra. Maria Pacheco

診療部門

・内科部長

Dr. Osvaldo Carvalho A.

医師 (正スタッフ)

Dr. Jaime Saravia B.

Dr. Franco Ibarra G.

Dr. Gustavo Allende

Dr. Peregrin Alpire

Dr. Daniel Guerra

医師 (契約スタッフ)

Dr. Jose Luis Laserna

Dr. James Koller

Dr. Osvaldo Anaya

医療診断サービス

内視鏡診断

内視鏡係

内視鏡管理係

Sra. Miriam Rosales

画像診断

放射線診断

放射線診断係

Tec. Antonio Vargas

放射線診断技師

Tec. Mirtha Farias

Tec. Carmen Murillo

Tec. Edgar Lopez

脈管診断

超音波診断

外 来

一般外来

救急外来

入院サービス

I C U医療（集中治療）サービス

・外科部長

Dr. Oscar Grájeda G.

医 師（正スタッフ）

Dr. Gonzalo Novillo

Dr. Julio Montaña

Dr. Wilson Gonzales

麻酔医（正スタッフ）

Dr. Mario Morales

Dr. Carlos Siles

麻酔医（契約スタッフ）

Dra. Mary Villazón

Dr. Osvaldo Soto

手術サービス

入院サービス

治療サービス

術後回復サービス

・教育・研究部長

Dr. Franco Ibarra G.

大学院

実習医長

Dr. Amílcar Perales

実習医（レジデント）

Dr. Edgar Yañez

Dra. Carmen Pacheco

Dr. Jose Luis Rengel

医療統計

統計室長

Sr. Mario Chalco

統計補助スタッフ

Srta. Maria Allagracia Morales

Sra. Ana Saavedra

図書室

図書室員

Srta. Rosario Zambrana

看護部長

Lic. Ruth Sevilla

医療診断監督者

Lic. Antonieta Corrales

外来補助スタッフ

Sra. Hortencia Mercado

内視鏡補助スタッフ

Sra. Miriam Rosales

放射線検査補助スタッフ

Sra. Blanca Arandia

超音波診断補助スタッフ

Sra. Olga Garcia

治療担当補助スタッフ

Sra. Julieta Lamas

病棟看護婦長

Lic. Ruth Sevilla

正看護婦

Lic. Lourdes Zaballos

Lic. Miriam Camacho

Lic. Lenny Bowles

Lic. Virginia Montero

Lic. Ana Maria Flores

Lic. Iveth Sevilla

Lic. Lucy Ramirez

Lic. Lucinda Sanchez

Enf. Olga Campos

准看護婦

Sra. Fortunata Claros

Sra. Carmen Centellas

Sra. Angelica Teran

Sra. Victoria Veizaga

Sra. Judith Requis

Sra. Yolanda Vasquez

Sra. Ivone Cuaquira

Sra. Maybe Linarez

Sra. Ana Maria Rojas

Sra. Maria Carvajal

Sra. Isabel Sanchez

Sra. Veneranda Coca

Sra. Mirtha Herbas

Sra. Nelvy Vargas

Sra. Pilar Quispe

Sra. Liboria Miguel

Sra. Aydee Luna

Sra. Hilda Montano

Sra. Bertha Claros

Sra. Norma Jaldin

手術室看護婦長

Enf. Julia Panozo

外科用器械管理スタッフ

Lic. Aurora Vera

Lic. Florinda Sejas

Lic. Ingrid Aguilera

Enf. Matilde Nina

看護部補助スタッフ

Sra. Judith Aranibar

Sra. Hortencia Blanco

Sra. Miriam Peña

Sra. Gladys Céspedes

Sra. Rufina Villarroel

Sra. Felipa Acarapi

Sra. Virginia Heredia

Sra. Elizabeth Alcocer

Sra. Maria Luisa Ayala

Sra. Fabia Gonzales

中央検査部

病理検査室長

Dr. Abel Acosta C.

病理検査技師

Srta. Yolanda Rocha

病理検査補助スタッフ

Sr. Alberto Vazquez

臨床検査室長

Dr. Jorge Mendoza

生化学・薬学者

Dra. Edna Yañez

臨床検査技師

Dra. Adela Panozo

Dra. Ruth Cabera

Srta. Patricia Veizaga

微生物検査室長

Dra. Maria del Pilar Granda

微生物検査技師

Srta. Julieta Rodriguez

微生物検査補助スタッフ

Srta. Gaby Gonzales

薬局

Dra. Yolanda Aparico de Albornoz

薬局補助スタッフ

Sr. Raul Jimenez

管理部長

Sr. Oscar Rahib

経理課

会計士

Sra. Aidee Muñoz Vda de Añez

出納係

Sr. Adolfo Alvarez

出納係補助スタッフ

Sr. Fernando Romano

物品保管倉庫係

Sr. Eduardo Vera

購買係

Sr. José Mollinedo

見積取付スタッフ

Sr. Noe Soria

コスト算出係

Sra. Mary Cruz Viscarra

カルテ管理

評価

Sra. Mitza Rodriguez

物品登録

Sra. Carmen Vargas

秘書課

所長室秘書

Sra. Lourdes Rivero

管理部秘書

Sra. Rosario Rodriguez

手術室秘書

Sra. Miriam Pelacz

検査部秘書

Srta. Mirtha Coca

統計室秘書

Srta. Angela Borda

栄養課

栄養士 (栄養課長)

Lic. Daysi Ferrufino

栄養課補助スタッフ

Sra. Lucy Sevilla

調理師

Sr. Oscar Gareca

Sra. Franscisca Hidalgo

Sra. Antonia Marce

Sra. Maruja Reynaga

Sra. Sonia Corrales

Sra. María Luz Nuñez

Sra. Saturnina Crespo

ソーシャルワーカー課

ソーシャルワーカー

Lic. Emma Gumucio de Carvalho

一般管理課

洗濯・衣類管理課

洗濯・衣類管理係

Sra. María Ortiz

裁縫師

Sra. María Castellón

洗濯師

Sra. Emma Alfaro

Sra. Virginia Peredo

Sra. Martha Luna

Sra. Maria Cristina Nuñez

Sra. Beatriz García

情報・電話業務課

電話交換手

Sra. Teresa Ayarachi

Srta. Erika Padilla

清掃・守衛課

掃除係

Sr. Ernesto Zapata

掃除婦

Sra. Carmen Ferrufino

Sra. Victoria Jordan

Sra. Asuncion Fuentes

Sra. Valentina Jorge

Sra. Alica Morales

Sra. Alicia Melgarejo

Sra. Florencia Melgarejo

Sra. Natividad Guarayo

守 衛

Sr. Pedro Gutierrez

Sr. Francisco Mamani

Sr. Daniel Torrico

車輛課

運転手

Sr. Oscar Abasto

Sr. Jorge Michel

保守・維持管理課

保守・維持管理係

Sr. Tomás Zapata

保守・維持管理補助スタッフ

庭 師

Sr. José Luis Ramos

コチャバンバ消化器疾患研究センターの職種別スタッフ数

スタッフ数（総数） 141

医 師 19
 所 長 1
 内 科 医 7
 外 科 医 4
 麻 酔 医 2
 病 理 学 者 1
 実 習 医（レジデント） 4

生 化 学 者 4
 検 査 技 師（学士） 3
 薬 剤 師 1

技 師 9
 放 射 線 診 断 技 師 4
 臨 床 検 査 技 師 3
 病 理 検 査 技 師 1
 微 生 物 検 査 技 師 1

技 師 補 助 員 4
 放 射 線 診 断 技 術 補 助 員 2
 病 理 検 査 技 術 補 助 員 1
 微 生 物 検 査 技 術 補 助 員 1

看 護 婦 ス タ ッ プ 49
 正 看 護 婦 15
 准 看 護 婦 34

管 理 ・ 総 務 部 門 職 員 27
 総 務 課 2
 経 理 課 7
 秘 書 5

栄 養 士	2
ソーシャルワーカー	1
一般管理課	10
サービス部門職員	29
栄養課（調理師）	7
洗濯・衣類管理	7
清 掃	9
守 衛	4
保守・維持管理	2

カウンターパートの受入れ実績について

氏 名	現 職
Dr. Jaime Saravia	内 科 医 師
Dr. Osvaldo Carvalho	内 科 部 長
Dr. Abel Acosta	病 理 部 長
Dr. Jorge Mendoza	中央検査部長
Dr. Ciro Zabala	センター所長
Dr. Gonzalo Novillo	外 科 医 師
Dr. Peregrin Alpire	内 科 医 師
Dr. Oscar Grájeda	外 科 部 長
Dr. Hector Aranibar	退 職（元外科医師）

コチャバンバ消化器疾患研究センターの概略

所在地

En la calle Venezuela esquina Ismael Vasquez s/n

センター設立年月日

1981年4月24日

コチャバンバ消化器疾患研究センター病棟の収容能力について

病棟

総ベッド数	48ベッド
内科一般病床	12ベッド
男性用病床	6ベッド
女性用病床	6ベッド
外科一般病床	12ベッド
男性用病床	6ベッド
女性用病床	6ベッド
隔離一般病床	12ベッド
内科隔離病床	6ベッド
外科隔離病床	6ベッド
個室病床	12ベッド
集中治療用病床	2ベッド

病 床 稼 動 率

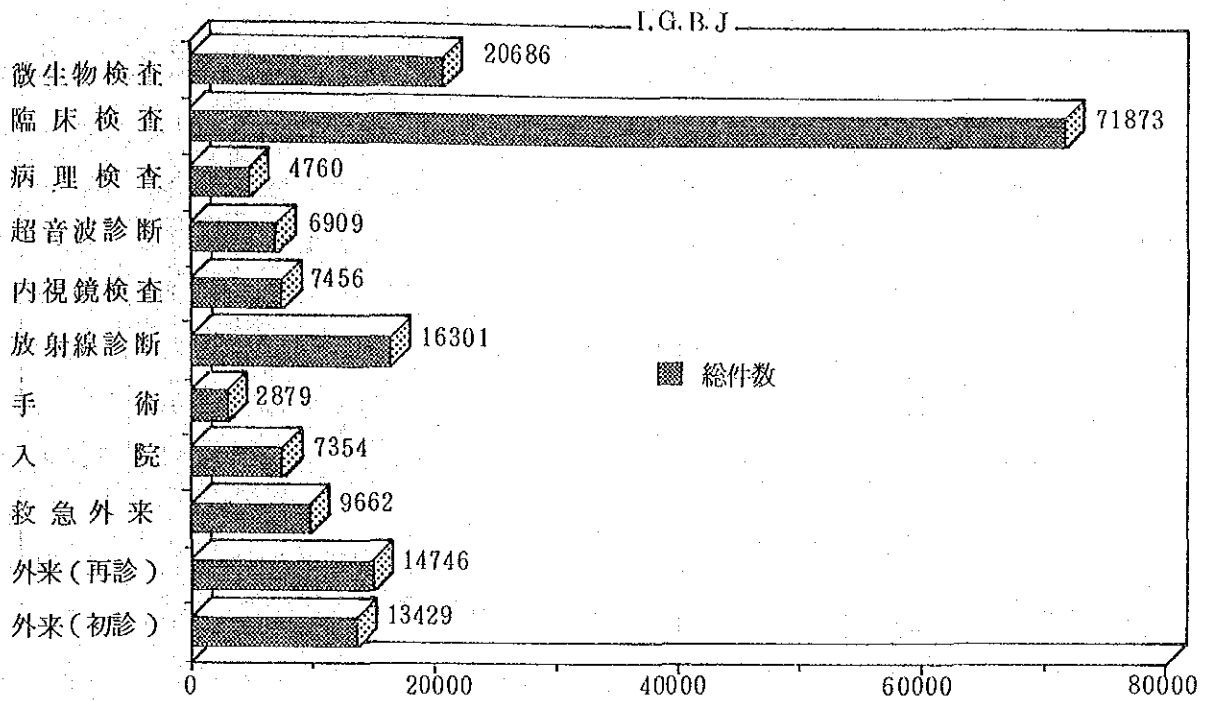
1982年から1987年までの月別平均病床稼動率

月	% (稼動率)
1 月	33.83
2 月	38.65
3 月	38.75
4 月	36.32
5 月	30.83
6 月	34.13
7 月	34.29
8 月	33.38
9 月	35.86
10 月	37.33
11 月	40.62
12 月	31.64
平 均 値	35.29

1982年から1988年までの年度別平均病床稼動率

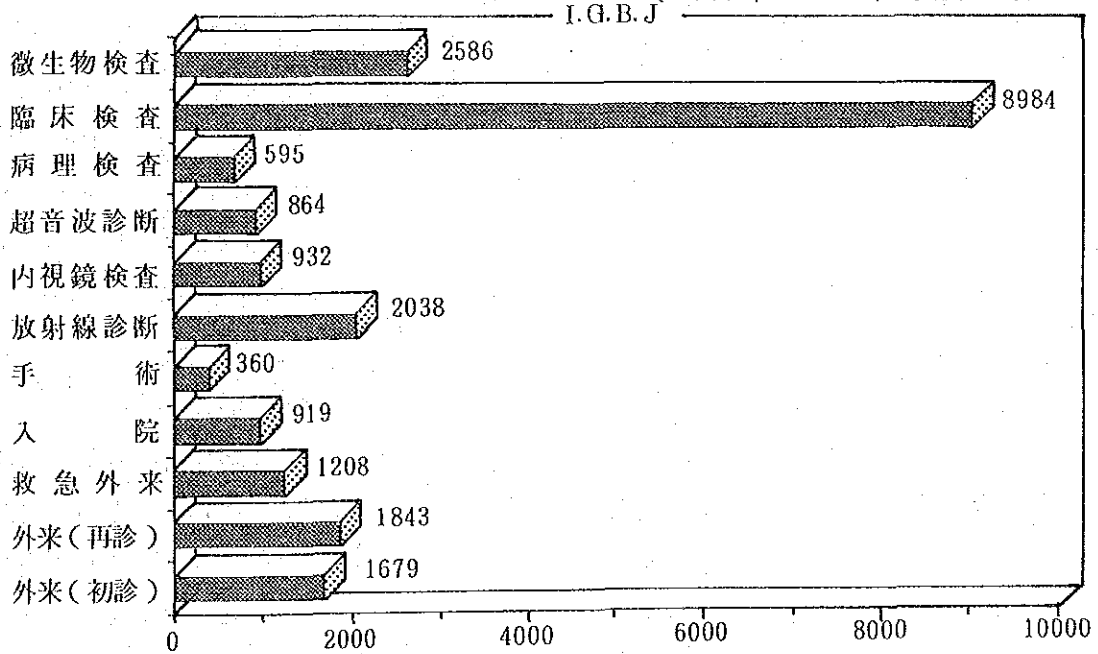
年 度	% (稼動率)
1982	33.64
1983	30.00
1984	37.62
1985	36.51
1986	31.13
1987	41.11
1988	36.59
平 均 値	35.29

1981年から1988年までの外来患者総数及び放射線、内視鏡等の診断等総件数



年間平均 外来患者数及び放射線、内視鏡等の診断件数

(1981年~1988年の実績より算出)



1981年から1988年までの年度別外来患者数及び放射線、内視鏡等の診断等件数

診療内容	81	82	83	84	85	86	87	88	合計
外来(初診)	2,447	2,072	1,515	1,137	1,518	1,503	1,627	1,610	13,429
外来(再診)	2,846	2,435	1,808	1,105	1,584	1,365	1,647	1,956	14,746
救急外来	1,030	1,803	665	940	1,193	1,289	1,370	1,372	9,662
入院	565	876	983	1,019	957	843	1,055	1,056	7,354
手術	243	343	380	403	426	346	387	351	2,879
放射線診断	2,412	2648	2,180	1,594	1,769	1,749	2,133	1,816	16,301
内視鏡検査	880	841	724	747	1,054	921	1,075	1,214	7,456
超音波診断	465	509	767	931	1,482	562	1,059	1,134	6,909
病理検査	444	673	591	494	588	556	678	736	4,760
臨床検査	5,301	8,399	8,445	6,979	9,702	10,163	11,361	11,523	71,873
微生物検査	471	1,829	2,424	2,723	3,479	3,118	3,354	3,288	20,686

ソーシャルワーカー課報告

1986年から1988年までのカテゴリー別患者診療実績

費目	カテゴリー	1986		1987		1988		合計
			%		%		%	
病院費 (検査、治療、 入院費より 構成)	A	658	83.8	817	82.2	734	78.9	2209
	B	61	7.8	67	6.8	80	8.6	208
	C	18	2.3	33	3.3	59	6.3	110
	D	18	2.3	28	2.8	35	3.8	81
	E	30	3.8	49	4.9	22	2.4	101
	合計	785	100.0	994	100.0	930	100.0	2709
医療費 (入院費より 構成)	A	444	56.6	530	53.3	500	53.8	1474
	B	48	6.1	73	7.3	62	6.7	183
	C	37	4.7	59	5.9	59	6.3	155
	D	60	7.6	70	7.1	62	6.6	192
	E	196	25.0	262	26.4	247	25.6	705

1988年度ソーシャルワーカー課収支報告

	実際のコスト	支払額
病院費（検査、治療、一部入院費）	500,938.65 Bs.	442,124.70 Bs.
医療費（入院費）	352,948.00 Bs.	232,050.40 Bs.
	差 額	
病院費の差額	58,813.95 Bs.	US \$ 24,505.82
医療費の差額	120,897.60 Bs.	US \$ 50,374.00
合 計	179,711.55 Bs.	US \$ 74,879.82

換算レート：2.40 Bs = 1 US \$

病院・医療費支払カテゴリーについて

- カテゴリーA : 医療費 100%負担患者
- カテゴリーB : 医療費 75%負担患者
- カテゴリーC : 医療費 50%負担患者
- カテゴリーD : 医療費 25%負担患者
- カテゴリーE : 医療費 無料患者

会計年度別収支表（単位：US \$）

年 度	収 入		支 出		差 引
	計 画 額	実 行 額	計 画 額	実 行 額	
1982	52,217	49,061	52,217	45,052	4,009
1983	69,455	98,228	69,455	96,812	1,416
1984	11,030	18,708	11,030	10,498	8,210
1985	46,288	172,278	46,288	128,685	42,593
1986	533,500	304,812	533,500	241,177	63,635
1987	1,633,000	340,812	1,633,000	298,700	41,723
1988	1,494,828	298,406	1,494,828	268,615	29,791

※ 換算レートは、並行市場における各月平均為替レートを適用。

自己資金の推移について

年	収 入	支 出	差 引
1982	49,061	45,052	4,009 \$
1983	37,091	35,675	1,416 \$
1984	18,708	10,498	8,210 \$
1985	93,324	50,731	42,593 \$
1986	215,609	151,974	63,635 \$
1987	340,424	298,700	41,723 \$
1988	298,406	268,615	29,791 \$

※ 換算レートは、並行市場における各月平均為替レートを適用。
 差引累積額 : 1989年12月31日には、138,198.76 US\$の黒字を
 計上する見込みである。

本センターに対する国庫からの補助金実績

中央政府からの拠出金

年	職員給与	入院患者給食費	合 計
1982	68,110	2,983	71,093 \$
1983	58,494	2,152	60,646 \$
1984	40,210	717	40,927 \$
1985	75,441	2,512	77,953 \$
1986	80,358	8,845	89,203 \$
1987	171,528	16,177	187,705 \$
1988	161,682	12,968	174,650 \$

※ 換算レートは、並行市場における各月平均レートを適用。

診療サービスを通じての自己資金に関して

Item	診療サービス内容	Bs 実績額	US \$ 実績額
03	中 検 分 析 費	115,868.40	57,934.20
04	放 射 線 診 断 料	57,457.50	28,728.75
07	手 術 料	25,249.55	12,624.78
09	入 院 費	91,345.00	45,672.50
10	検 査 費	33,317.50	16,656.75
15	そ の 他	18,196.70	9,098.35
18	検 査	81,533.30	40,766.65
19	ベ ッ ド 使 用 料	6,944.50	3,472.25
合計	診断サービス売上げ額	429,912.45	214,956.23

※ 換算レートは、2 Bs=1 US \$を適用

⑥ アフターケア協力に係る先方政府要請書（A1、A4フォーム）

アフターケア協力に係る先方政府要請書

TECHNICAL COOPERATION
BY THE GOVERNMENT OF JAPAN

PROPOSAL

By the Government of Bolivia
for an expert, i. e., Non surgical Therapeutic procedures in gastroenterology
to the Government of Japan.

Notes. - This form has been devised for the general guidance of the Government agencies concerned (JAPAN) in order to facilitate the supply of relevant information and data necessary to afford an adequate appreciation of the nature of the technical co-operation required. The careful completion of this proposal form will avoid much reference back and lead to speedier action.

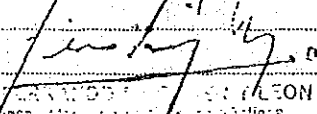
<p>1. Back ground Information</p> <p>This section should show as precisely as possible the general nature of the project for which the expert is required, stating whether it comes within the Government's development programme. It is important to indicate whether the project is a new enterprise or whether it was started previously. In the latter case, any assistance received under other technical co-operation programmes (e.g. under United Nations auspices) should be stated. With regard to industrial enterprises, some impression of the size is important and the output and number of workers to be employed are useful indications. The type of process, make and age of industrial or scientific equipment with which the expert will be concerned should be specified. In the case of academic establishments, it is an advantage to know the number of annual intake of students, their level of attainment, numbers and status of existing staff and details of any research facilities and the level of research being undertaken (Copies of brochures, annual reports, financial statements, calendars, syllabus of instruction etc. should be attached where applicable).</p>	<p>According to the minutes of understanding between the Japanese aftercare cooperation survey team - and the government of Bolivia on the aftercare cooperation for the gasterintestinal disease control project , dated, july, 7th, 1989 , The Bolivian - side has considered necessary for the better imple- mentation of the assistential service, teaching - and research in the three Bolivian Japanese gas- troenterologycal Institutes from La Paz, Sucre and Cochabamba, the dispatch of the Japanese experts in therapeutic and surgical management of The Di- gestive Disease.</p>
<p>2. Specification for the post.*</p> <p>(a) post title</p> <p>(b) duties for which the expert will be responsible. These should preferably be listed, and it is important to give as much detail as possible.</p> <p>(c) authority to whom expert will be responsible.</p>	<p>G.I. Doctor with experience in a therapeutic procedu- res in XRay , Ultrasoind and Endoscopic fields.</p> <p>Joint work and perfor demostration in therapeutic pro- cedures.</p> <p>Chief's of the medicine Departamentos in the</p>

* It is essential that full particulars should be given. If the space provided is inadequate, they should be given on a separate sheet.

2. Specification for the post (Cont'd.)	
(d) Qualification and experience required and approximate age limits	Three G.I. Institutes from La Paz, Sucre, Cochabamba .
(e) number of personnel required.	one or two
3. In the case of continuous projects, give name and particulars of understudy or counterpart who is to work with the expert	All the doctors from Medicine Department in the three G.I. Institutes from La Paz, Sucre and Cochabamba.
4. Terms and conditions of appointment:	
(a) duration	Three months (3)
(b) actual place of employment, nearest town and post office	G.I. Institutes from La Paz, Sucre and Cochabamba.
(c) if living accommodation to be provided, state whether furnished or unfurnished, and whether suitable for married man with family:	In accordance with the provisions of Technical Cooperation between the Government of Japan and Bolivia.
(i) daily allowance for food if accommodation only provided	No
(ii) daily rate for accommodation and food if neither are provided in kind	No
(d) daily and nightly rates of subsistence payable when away from base on duty	No
(e) are costs of internal travel paid or car provided?	No
(f) what leave arrangements are suggested?	No
(g) extent to which free hospital and medical treatment is to be provided for the expert and his accompanying dependents, if any	Yes
(h) shall the expert be exempted from the payment of income tax and charges of any kind imposed on or in connection with any allowances to be remitted from overseas?	Yes
(i) (i) shall the expert be exempted from the payment of customs duties and charges of any kind imposed on or in connection with the importation of equipment, machinery, materials and medical supplies as well as personal and household effects belonging to the expert and his family, including one refrigerator, one sewing machine, one radio and other electrical appliances?	Yes
(ii) In case a car is not provided to the expert by the host government, shall the expert be exempted from the payment of customs duties and charges of any kind imposed on or in connection with the importation of a car?	Yes

<p>4. Terms and conditions of appointment (Cont'd.)</p> <p>(j) does host government undertake to indemnify expert in respect of damages awarded against him for actions performed in the course of his official duties?</p>	<p>No</p>
<p>(k) approximate date on which the expert is required to arrive in receiving country</p>	<p>From January to July 1990</p>
<p>(l) any other information</p>	<p>None</p>
<p>5. Previous steps, if any, to fill the post:</p> <p>If any previous attempt has been made to fill the post from any external source (UN, Specialised Agency or other) please indicate:</p> <p>(a) to whom application was addressed, with date</p> <p>(b) result or present stage of negotiations</p> <p>(c) are other experts working in this area in associated projects or have there been experts working in this field previously? If so, are any reports by these experts available?</p>	<p>None</p> <p>-----</p> <p>-----</p> <p>-----</p>
<p>6. Correspondence: Name, postal and telegraphic address of official to whom correspondence regarding this application should be forwarded</p>	<p>Ministerio de Previsión Social y Salud Pública Dirección Nacional de Relaciones Internacionales Dr. Jack Antelo - Coordinador Nacional Proyecto JICA La Paz - Bolivia</p>

Date:

Signed 

on behalf of the Government of

DR. CARLOS ALBERTO ALFON
Subsecretario de Relaciones Públicas
y Cooperación Internacional
Ministerio de Planeamiento y Coordinación

TECHNICAL COOPERATION
BY THE GOVERNMENT OF JAPAN

PROPOSAL

By the Government of Bolivia
for an expert, i. e. Surgical Management of Digestive Disease
to the Government of Japan.

Notes. - This form has been devised for the general guidance of the Government agencies concerned (JAPAN) in order to facilitate the supply of relevant information and data necessary to afford an adequate appreciation of the nature of the technical co-operation required. The careful completion of this proposal form will avoid much reference back and lead to speedier action.

1. Back ground Information

This section should show as precisely as possible the general nature of the project for which the expert is required, stating whether it comes within the Government's development programme. It is important to indicate whether the project is a new enterprise or whether it was started previously. In the latter case, any assistance received under other technical co-operation programmes (e.g. under United Nations auspices) should be stated. With regard to industrial enterprises, some impression of the size is important and the output and number of workers to be employed are useful indications. The type of process, make and age of industrial or scientific equipment with which the expert will be concerned should be specified. In the case of academic establishments, it is an advantage to know the number of annual intake of students, their level of attainment, numbers and status of existing staff and details of any research facilities and the level of research being undertaken (Copies of brochures, annual reports, financial statements, calendars, syllabus of instruction etc. should be attached where applicable).

According to the minutes of understanding Between the Japanese aftercare cooperation survey team and the government of Bolivia on the aftercare cooperation for gasterintestinal disease control proyect. date, july,7th,1989,the Bolivian side has considered necessary for the better implementation of the assistential service, teaching and research in the three Boli-vian Japanesse gastroenterologycal Institutes from La Paz, Sucre and Cochabamba , the dispa-tch of the Japanesse experts in therapeutic - and surgical management of the Digestive Dise-ase.

2. Specification for the post.*

(a) post title

Digestive Surgeon

(b) duties for which the expert will be responsible. These should preferably be listed, and it is important to give as much detail as possible.

Joint work and perform demostration in thera-peutic procedures.

(c) authority to whom expert will be responsible.

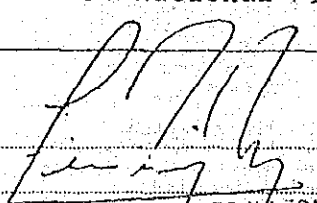
Chief's of the surgical Departament en the three G.I. Institutes from La Paz, Sucre and Cochabamba.

* It is essential that full particulars should be given. If the space provided is inadequate, they should be given on a separate sheet.

<p>2. Specification for the post (Cont'd.)</p> <p>(d) Qualification and experience required and approximate age limits</p> <p>(e) number of personnel required.</p>	<p>-----</p> <p>one or two</p>
<p>3. In the case of continuous projects, give name and particulars of understudy or counterpart who is to work with the expert</p>	<p>All the surgeons from surgical Departamentos in The three G.I. Institutes from La Paz, Sucre and Cochabamba.</p>
<p>4. Terms and conditions of appointment:</p>	
<p>(a) duration</p>	<p>Three months (3)</p>
<p>(b) actual place of employment, nearest town and post office</p>	<p>G.I. Institutes from La Paz. Sucre and Cochabamba</p>
<p>(c) if living accommodation to be provided, state whether furnished or unfurnished, and whether suitable for married man with family:</p>	<p>In accordance with the provisions of Thechnical Cooperation between the Government of Japan and Bolivia.</p>
<p>(i) daily allowance for food if accommodation only provided</p>	<p>No</p>
<p>(ii) daily rate for accommodation and food if neither are provided in kind</p>	<p>No</p>
<p>(d) daily and nightly rates of subsistence payable when away from base on duty</p>	<p>No</p>
<p>(e) are costs of internal travel paid or car provided?</p>	<p>No</p>
<p>(f) what leave arrangements are suggested?</p>	<p>No</p>
<p>(g) extent to which free hospital and medical treatment is to be provided for the expert and his accompanying dependents, if any</p>	<p>Yes</p>
<p>(h) shall the expert be exempted from the payment of income tax and charges of any kind imposed on or in connection with any allowances to be remitted from overseas?</p>	<p>Yes</p>
<p>(i) shall the expert be exempted from the payment of customs duties and charges of any kind imposed on or in connection with the importation of equipment, machinery, materials and medical supplies as well as personal and household effects belonging to the expert and his family, including one refrigerator, one sewing machine, one radio and other electrical appliances?</p>	<p>Yes</p>
<p>(ii) in case a car is not provided to the expert by the host government, shall the expert be exempted from the payment of customs duties and charges of any kind imposed on or in connection with the importation of a car?</p>	<p>Yes</p>

<p>4. Terms and conditions of appointment (Cont'd.)</p> <p>(f) does host government undertake to indemnify expert in respect of damages awarded against him for actions performed in the course of his official duties?</p>	<p>No</p>
<p>(k) approximate date on which the expert is required to arrive in receiving country</p>	<p>From January to July 1990</p>
<p>(l) any other information</p>	<p>None</p>
<p>5. Previous steps, if any, to fill the post:</p> <p>If any previous attempt has been made to fill the post from any external source (UN, Specialised Agency or other) please indicate:</p>	<p>None</p>
<p>(a) to whom application was addressed, with date</p>	<p>-----</p>
<p>(b) result or present stage of negotiations</p>	<p>-----</p>
<p>(c) are other experts working in this area in associated projects or have there been experts working in this field previously? If so, are any reports by these experts available?</p>	<p>-----</p>
<p>6. Correspondence: Name, postal and telegraphic address of official to whom correspondence regarding this application should be forwarded</p>	<p>Ministerio de Previsión Social y Salud Pública Dirección Nacional de Relaciones Internacionales Dr. Jack Antelo - Coordinador Nacional Proyecto JICA La Paz - Bolivia</p>

Date: _____

Signed:  _____

on behalf of the Government of _____

DR. FERRER, JUAN CARLOS Y LEON
Subsecretaría de Recursos Humanos
y Coordinación Administrativa
Ministerio de Planeamiento y Coordinación

TECHNICAL COOPERATION
BY THE GOVERNMENT OF JAPAN

PROPOSAL

By the Government of Bolivia
for an expert, i. e., Pathology cytology
to the Government of Japan.

Notes. - This form has been devised for the general guidance of the Government agencies concerned (JAPAN) in order to facilitate the supply of relevant information and data necessary to afford an adequate appreciation of the nature of the technical co-operation required. The careful completion of this proposal form will avoid much reference back and lead to speedier action.

1. Back ground Information

This section should show as precisely as possible the general nature of the project for which the expert is required, stating whether it comes within the Government's development programme. It is important to indicate whether the project is a new enterprise or whether it was started previously. In the latter case, any assistance received under other technical co-operation programmes (e.g. under United Nations auspices) should be stated. With regard to industrial enterprises, some impression of the size is important and the output and number of workers to be employed are useful indications. The type of process, make and age of industrial or scientific equipment with which the expert will be concerned should be specified. In the case of academic establishments, it is an advantage to know the number of annual intake of students, their level of attainment, numbers and status of existing staff and details of any research facilities and the level of research being undertaken (Copies of brochures, annual reports, financial statements, calendars, syllabus of instruction etc. should be attached where applicable).

According to the minutes of understanding between the Japanese aftercare cooperation survey team - and the government of Bolivia on the aftercare cooperation for the gasterintestinal disease control proyect, dated , july,7th,1989. The Bolivian side has considered necessary for the better implementation of the assistential service, teaching and research in the three Bolivian Japanese gastroentero logycal Institutes from La Paz, Sucre and Cochabamba , the dispatch of the Japanese experts in the rapapeutic and surgical management of the Digestive Disease.

2. Specification for the post.*

(a) post title

Doctor in a pathologjcal and cytological broad teaching experience

(b) duties for which the expert will be responsible. These should preferably be listed, and it is important to give as much detail as possible.

Joint work and perform demostration in beter pathology-cal and citologycal procedures and diagnosis.

(c) authority to whom expert will be responsible.

Chief's of the Pathologycal Departament in the three G.I. Institutes from La Paz, Sucre and Cochabamba.

* It is essential that full particulars should be given. If the space provided is inadequate, they should be given on a separate sheet.

2. Specification for the post (Cont'd.)	
(d) Qualification and experience required and approximate age limits	-----
(e) number of personnel required.	one or two
3. In the case of continuous projects, give name and particulars of understudy or counterpart who is to work with the expert	The doctors and Tecnicial Staff from Patologycal Department from three G.I. Institutes from La Paz, Sucre and Cochabamba.
4. Terms and conditions of appointment:	
(a) duration	Three months (3)
(b) actual place of employment, nearest town and post office	G.I. Institutes from La Paz, Sucre and Cochabamba.
(c) If living accommodation to be provided, state whether furnished or unfurnished, and whether suitable for married man with family:	In accordance with the provisions of Technical Cooperation between the Government of Japan and Bolivia.
(i) daily allowance for food if accommodation only provided	No
(ii) daily rate for accommodation and food if neither are provided in kind	No
(d) daily and nightly rates of subsistence payable when away from base on duty	No
(e) are costs of internal travel paid or car provided?	No
(f) what leave arrangements are suggested?	No
(g) extent to which free hospital and medical treatment is to be provided for the expert and his accompanying dependents, if any	Yes
(h) shall the expert be exempted from the payment of income tax and charges of any kind imposed on or in connection with any allowances to be remitted from overseas?	Yes
(i) (i) shall the expert be exempted from the payment of customs duties and charges of any kind imposed on or in connection with the importation of equipment, machinery, materials and medical supplies as well as personal and household effects belonging to the expert and his family, including one refrigerator, one sewing machine, one radio and other electrical appliances?	Yes
(ii) In case a car is not provided to the expert by the host government, shall the expert be exempted from the payment of customs duties and charges of any kind imposed on or in connection with the importation of a car?	Yes

<p>4. Terms and conditions of appointment (Cont'd.)</p> <p>(j) does host government undertake to indemnify expert in respect of damages awarded against him for actions performed in the course of his official duties?</p> <p>(k) approximate date on which the expert is required to arrive in receiving country</p> <p>(l) any other information</p>	<p>No</p> <p>From January to July 1990</p> <p>None</p>
<p>5. Previous steps, if any, to fill the post:</p> <p>If any previous attempt has been made to fill the post from any external source (UN, Specialised Agency or other) please indicate:</p> <p>(a) to whom application was addressed, with date</p> <p>(b) result or present stage of negotiations</p> <p>(c) are other experts working in this area in associated projects or have there been experts working in this field previously? If so, are any reports by these experts available?</p>	<p>None</p> <p>-----</p> <p>-----</p> <p>-----</p>
<p>6. Correspondence: Name, postal and telegraphic address of official to whom correspondence regarding this application should be forwarded</p>	<p>Ministerio de Previsión Social y Salud Pública Dirección Nacional de Relaciones Internacionales Dr. Jack Antelo - Coordinador Nacional Proyecto JICA La Paz - Bolivia</p>

Date:

Signed _____
 on behalf of the Government of _____
 DR. FERNANDO RINZ BIER Y LEON
 Secretario de Relaciones Públicas
 Ministerio de Previsión Social y Coordinación

**TECHNICAL COOPERATION
BY THE GOVERNMENT OF JAPAN
PROPOSAL**

By the Government of Bolivia to the Government of Japan
for the supply of equipment

- Notes. - (1) This form has been devised for the general guidance of co-operating countries in order to facilitate the supply of relevant information and data necessary to afford an adequate appreciation of the nature of the technical assistance required. The careful completion of this proposal form will avoid much reference back and lead to speedier action.
- (2) The requisite number of copies of the Form A4 duly endorsed by the appropriate Foreign Aid Department of the requesting government should be forwarded to the donor government concerned through the appropriate channels.
- (3) The equipment to be supplied by the Government of Japan will become the property of the requesting government upon receipt of the shipping documents through the Japanese Embassy. Since the equipment is supplied on C.I.F. basis, it is requested that the recipient government will meet:
- (a) customs duties, internal taxes and other similar charges, if any, imposed in respect of the equipment, and
(b) expenses necessary for the transportation, installation, operation and maintenance of the equipment.

<p>1. Background Information Please describe as concisely as possible the general outlines of the project for which the equipment is required, indicating whether the latter is (a) for use by an expert in the performance of his duties (b) for a training scheme of institution or (c) for a research institution. If either (b) or (c) please say whether the equipment is for the establishment of a new institution or the expansion or re-organisation of an existing one (e.g., by the provision of a new department, etc.). The name and exact location of the institution, its approximate cost and the authority responsible for it should be stated. Where appropriate details should be given of the availability of any services required for the operation of the equipment. This would include operation by electricity (i.e. type of current, periodicity, voltage and any variations, phases, frequency etc. and if D.C. is the only current available please give full details), water reticulation or steam gas etc. Details of similar equipment already in use should be given.</p>	<p>According to the minutes of understanding between the Japanese aftercare cooperation survey team and government of Bolivia on the aftercare cooperation for the gastrointestional disease control project, dated, july, -- 7th, 1989 The Bolivian side has considered necessary for the better implementation of -- the assistential service, teaching and research in the three Bolivian Japanese gastroenterologycal Institutes from La Paz, Sucre and Cochabamba, the dispatch of the Japanese experts in therapeutic and surgical management of the Digestive Disease.</p>
<p>2. Description of equipment required. Please give a full description of each item and general specifications where possible. The manufacturer and estimated cost of each item if known together with details of the proposed end use of item should be given. Where applicable, give details of any special packing or tropic proofing required and indicate whether handbooks or instruction data supplied in English will suffice. If appropriate, please indicate any required priorities or phasing of deliveries and advise whether adequate facilities exist for maintenance and servicing of the type of equipment requested. (If lengthy, detailed lists should be annexed; it would be convenient to have separate annexes for (a) films; (b) books and (c) other equipment.)</p>	<p>Attached document</p>
<p>3. Has this equipment request already been directed to any other Agency or country and if so to whom was it addressed and with what result?</p>	<p>No</p>
<p>4. Has the list of equipment already been discussed with representatives of the supplying country/ies? If so, please indicate what stage the discussions have reached.</p>	<p>No</p>
<p>5. Furnish full particulars in respect of-- (a) Consignee; (b) Official to receive documents and enquiries; and (c) Clearing agent at port of entry.</p>	<p>Ministry of Public Health and Welfare from Bolivia id La Paz</p>

6. Where equipment is required for use by an expert
Please indicate--
(a) The country or agency from which the expert has been requested or obtained.
(b) His duties and length of secondment (a reference to the relative Form A. 1 will suffice when the expert is being provided by the country to whom the equipment request is addressed).
(c) What use is proposed for the equipment when the expert's period of secondment terminates?
(d) By what date is the equipment required?

Japan by JICA Proyects

Assistential Service, teaching and research
1989 - 1990 Japanese Fiscal Year

7. Where equipment is required for Training or Research Institutions
Please indicate--
(a) Nature and standard of training or research to be undertaken
(b) Total number of students to be accommodated from within the country or from elsewhere in the Region, the qualifications for admission, the duration of courses, and the annual output of trainees
(c) Whether there is already a similar institute(s) in existence in the country. If so, please give details
(d) Whether buildings are already available. If not has construction started and when is it expected to be completed?
(e) Whether qualified staff to handle the equipment has been recruited or is proposed to be recruited locally.
If not is it proposed:--
(i) to recruit foreigners under aid-programmes?
(ii) to train locally recruited personnel abroad in handling equipment? (the reference numbers of any Forms A. 1 or A. 2 relating to such requests should be quoted)
(f) Taking into account the answers to (d) and (e) above, what is the date by which the equipment is required and the date on which training or research work is to commence.
(g) Whether any assistance in drawing up the Scheme has been obtained from outside experts? (Any specialist reports or Government surveys (e.g., Educational Committee Reports, etc.), bearing on the request should be provided if possible)

According to the minutes of understanding in Japanese aftercare cooperation for three G.I. Institutes from La Paz, Sucre and Cochabamba in Bolivia.

8. Correspondence
Name, Postal and Telegraphic Address of official to whom correspondence regarding this proposal is to be forwarded

Ministerio de Previsión Social y Salud Pública
Dirección Nacional de Relaciones Internacionales
Dr. Jack Antelo - Coordinador Nacional Proyecto JICA
La Paz - Bolivia.

Signed

on behalf of the Government of

DR. F. RAMIRO P. DE J. P. V. DE J.
y
Ministerio de Previsión Social y Salud Pública

Date:

For use only by Donor Government

Proposal accepted/rejected/withdrawn

on behalf of the Department of

Date:

E Q U I P M E N T

A. -

- | | |
|--|--------|
| 1. X-Ray developer machine - SAKURA (KONICA) | 1 Unit |
| 2. Heat Probe Unit - Olympus - HPU Model | 1 Unit |
| 3. Choledoscope-Olympus - CHP-P10 Model | 1 Unit |
| 4. Small Laparoscope - Olympus | 1 Unit |
| 5. Full hydraulic operating table compatible
for to assures easy and efficient X-Ray
photographing (Cholangiography) | 1 Unit |
| 6. Three channels monitor | 1 Unit |
| 7. Microscope Binocular, Teaching head,
Binocular - NIKON | 3 Unit |
| 8. Spectrophotometer HITACHI | 1 Unit |
| 9. Flame Photometer - HITACHI | 1 Unit |
| 10. Cardiac out put register - ACOMA APF-850p | 1 Unit |
| 11. Anaesthetic Ventilator | |

MINISTERIO DE PREVISION SOCIAL Y SALUD PUBLICA

INSTITUTO DE GASTROENTEROLOGIA BOLIVIANO JAPONES

TEL. 377060-66

CASILLA POSTAL 8578

LA PAZ — BOLIVIA

E Q U I P M E N T

B.-

- | | |
|--|---------|
| 1. Cardiac out put register, termodilution
computer system | 1 Unit |
| 2. Semiautomatic Table Balance
Capacity : 60 gr. - Min. div. 0,05 gr. | 1 Unit |
| 3. Large Slide Microtome | 1 Unit |
| 4. Anaesthetic Ventilator ACOMA ARF-850P | 2 Units |

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 LA PAZ - BOLIVIA

P A R T S

A .-

1. For Autoclaves SAKURA - Model FBA-6S₂ -PCE and FA-360 BE :

a) Selenoid Valve Water Supply Vacuum Pump	2 Units
b) Selenoid Valve SX-7T	2 Units
c) Selenoid Valve SC 40=04 GS	2 Units
d) Door Gasket FBA-65	1 Unit
e) Radicator Trap 15A	2 Units
f) Door Gasket FA-360 BE	1 Unit
g) Vacuum Pump F4-360 BE	1 Unit
h) Heater for Boiler 3+5 KW/220 (FA-360 BE)	1 Set
i) Mechanical Valve PACKLESS VALVE	1 Unit
j) Heater for Boiler 3+5 KW x 6/220/3 phases	1 Set
k) Vacuum Pump FBA-65	1 Unit
l) Sterilizing Timer NSv AC100 V 60 min.	1 Unit
ll) Radicator Trap TLV 15A	2 Units

2. For Central Vacuum Machine-Lacy-Hulbert Co. :

a) Vacuum Pump Model (FL10)0407021 (50H2)	1 Unit
b) Filters for Vacuum Pump	2 Units
c) Water Pump MOTOR PUM Volts. 230 Motor C Ciclos 50 - Ampers 7.2 Number H39466801-RPM2880 - HITACHI	1 Unit

3. For X-Ray equipment TOSHIBA Model SAT-6-6

a) X-Ray Tube	1 Unit
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4. For ACOMA Anesthesia Apparatus

a) Bags for the manipulating gas	
- 3 lts	3 Units
- 3 lts	3 Units

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 TEL. 377060-66 CASILLA POSTAL 8578
 LA PAZ - BOLIVIA

5. For Laryngoscopes - AIKA Medical Corp.
 - a) Macintosh type blade :

N° 4 - 150 mm. Large adult	4 Units
N° 3 - 130 mm. Medium Adult	4 Units
N° 2 - 103 mm. Child	2 Units
6. Corrugated tubes for Anaesthetic Aparatus
ACOMA 4 Set
7. Electrodes and tubes for Cardiac Monitor
EKG Antena SAN-EI Cardio Super
EBTA N° 8120580 (OH0 x 0.80) 2 Units
8. For Densitometer DENSITRON 20M JOKOO
Serial 79-1013M - Pen for print 3 Units
9. For Synchronos motors, for Timer Disc fixing
knob, for automatic tissue processor
SAKURA FINETECHNICAL Co. Ltd. Mod. RH-12D
N° Y-3705132 Volt. Ac - 220
Amp - 2.1 - H2 - 50 2 Units
10. Copy Lamps for camera stand (100 V-250 W)
day light tube 12 Units
11. Lamps for Microscope NIKON Model S-Ke
(6 V - 30 W) 12 Units
12. Lamps Halogen for Microscope NIKON -24165
Line - 120 V-50 60 H2
Lamp 6 V - 60 W
Fuse - 1A 12 Units

MINISTERIO DE PREVISION SOCIAL Y SALUD PUBLICA
INSTITUTO DE GASTROENTEROLOGIA BOLIVIANO · JAPONES
TEL. 377060-66 CASILLA POSTAL 8578
LA PAZ — BOLIVIA

P A R T S

B .:-

1. Anti-Roll - For COLDTOME - SAKURA FINETECHNICAL Co. Ltd.
This prevents a sliced piece from getting turned up.
Model - CM-41 - Volt. 22 C ; Cicle - 50
MFG - N° ON 3707079 ; MFG - DATE 77/7 6 Units

S U P P L I E S

A . -

- | | |
|--|-----------------|
| 1. Retrieval ballon cateter for ERCP and gall stones removal - Any brand | 20 Units |
| 2. Basket Litotripsy set for mechanical stones extraction by ERCP | 1 Set |
| 3. Grasping forceps - Olympus FG-3F | 5 Units |
| 4. Percutaneous set for transperietal drainage of abscess under ultrasound control | 30 Units |
| 5. Angiographia cateter - Cook-Standard type | 30 Units |
| 6. Guide wire for angiography : | |
| -Straight | 20 Units |
| -Curved | 20 Units |
| 7. Nakayama's Gastrointestinal clips | 40 boxesx100 U. |
| 8. Takasago colorectal clips | 40 boxesx100 U |
| 9. Interchangeable syringe 50 cc.
"duck point" - Muranaka Medical Inst. | 30 Units |
| 10. Interchangeable Mimsyringe 100cc.
"duck point" | 20 Units |
| 11. Hematoxylin - 25 gr. | 6 Units |
| 12. Alcian Blue BGX - 25 gr. | 6 Units |
| 13. Orange G - 25 gr. | 6 Units |
| 14. Light Green SFY - 25 gr. | 6 Units |
| 15. Bismarck Brown - 25 gr. | 6 Units |
| 16. Eosina Y - 25 gr. | 6 Units |
| 17. Chloroauric Acid. 1 gr. | 10 grs. |
| 18. Chromotrope R2 - 25 gr. | 6 Units |
| 19. Scarlet Blebrich - 25 gr. | 6 Units |
| 20. Potassium Ferrocyanide - 25 gr. | 10 Units |
| 21. Silastic drainage implated tested tube with radiopaque control | |

MINISTERIO DE PREVISION SOCIAL Y SALUD PUBLICA
 INSTITUTO DE GASTROENTEROLOGIA BOLIVIANO JAPONES
 TEL. 377060-66 CASILLA POSTAL 8578
 LA PAZ -- BOLIVIA

S U P P L I E S

B . -

1. Kelly's hemostatic Forceps Curved fines (18 cms)	10 Units
2. Kocher hemostatic forceps straight (14 cms)	10 Units
3. Kocher hemostatic forceps straight (24 cms)	10 Units
4. Moynihan forceps (30 cms)	8 Units
5. Kelly's hemostatic forceps (24 cms)	8 Units
6. Allis forceps (18 cms)	8 Units
7. Babcock forceps (24 cms)	6 Units
8. Randal Billiary stone fine forceps (various types)	1 set
9. Dissection forceps no tooth (30 cms)	6 Units
10. Dissection forceps no tooth (25 cms)	6 Units
11. Adler Krautzer forceps (18 cms)	6 Units
12. Mayo Forceps Curved (25 cms)	6 Units
13. Mayo Forceps Straight (25 cms)	6 Units
14. Metzemaum operating scissors curved (20 cms)	6 Units
15. Hegar needle holder (five type) (28 cms)	6 Units
16. Hegar needle holder (five type) (20 cms)	6 Units
17. Biliary duct bougie (flexible)	1 set
18. Silastic dranaige implated tested tube with radiopaque control	

Ministerio de Previsión Social y Salud Pública
CENTRO DE GASTROENTEROLOGÍA BOLIVIANO - JAPONES
Casilla 4541 - Telfs. 2-3331 - 2-5471
Cochabamba - Bolivia

EQUIPMENT

A.-1X Ray developer machine SAKURA (KONICA)	1Unit
2 Duodenoscope Olympus JF 1T20	1Unit
3 Three channels monitor NIHON KODEN Lifescope 6(OEC 6105)	1 Unit
4 Microscope Binocular, teaching head. NIKON	2 Unit
5 Spectrophotometer HITACHI	1 Unit
6 Flame photometer HITACHI	1 Unit
7 Ultrasonic Nebulizer ACCOMA model EN 3	2 Unit
8 Photocopier Canon	1 Unit

DEPARTAMENTO DE MEDICINA
 SERVICIO DE ENDOSCOPIA I.G.B.J.
 MATERIAL REQUERIDO 1.989

SUPPLIES PRIORITY A

FOR ENDOSCOPE OLIMPUS		NOMBRE	Nº DE SERIE	CANTIDAD
TIPE P 10				
I.	"	"	DUBBER JAWS FOREYE	FG 20 P 1
	"	"	BASKET EXTRACTOR	FG 17 KRS 1
	"	"	INYECTION NEEDLE	NMPL 10
	"	"	INYECTION NEEDLE	NMPLR 2 set.
TIPE Q 10				
II.	"	"	ALLIGATOR FORCEPS	FGGL 1
	"	"	RAT TOOTH FORCEPS	FGPL 1
TIPE 10 L				
III.	"	"	RAT. TOOTH FORCEPS	FG8U 1
	"	"	BASKET EXTRACTOR	FG16URS 1
TIPE IT10 - 20				
IV.	"	"	BIOPSY FORCEPS	FB 26 NS 1
	"	"	RAT TOOTH	FG 14 P 1
	"	"	STONE EXTRACTORS BALLONS	Ø 5mm 20
	"	"	" " "	" 10mm 40
	"	"	" " "	" 15mm 40
	"	"	" " "	" 20mm 40
	"	"	ERCP CATHETERS	PR9QS 20
	"	"	" " "	PR10QS 20
	"	"	" " "	PR4QS 20
	"	"	" " "	PR7QS 10
	"	"	" " "	PR5ZS 2
	"	"	SPHINTEROTOMOS	KD4Q 20
	"	"	" " "	KD5Q 20
	"	"	" " "	KD6Q 20
	"	"	" " "	KD10Q/11Q 2

Ministerio de Previsión Social y Salud Pública
 CENTRO DE GASTROENTEROLOGIA BOLIVIANO - JAPONES
 Casilla 4541 - Telfs. 2-2331 - 2-5471
 Cochabamba - Bolivia

PARTS A

NAME	MACHINE/MODEL	QUANTITY
1.- FOCUSING MOVEMENT COARSE AND FINE ROLLER-RACE MECHANISM	MICROSCOPE NIKON OPTIPHOT	1 ASS
2.- HALOGEN LAMP 6 VOLT/20W.	MICROSCOPE NIKON OPTIPHOT	10 UNIT
3.- TEMPERATURE CONTROLLER	YAMATAKE-HONEYWELL T6065A	2 PIECE
4.- HUMIDITY CONTROLLER	YAMATAKE-HONEYWELL H615A	2 PIECE
5.- FILTER OZONELESS WATER	WATER ESTERILIZER DAIKYO MODEL B10-A	8 PIECE
6.- ELECTRO MAGNETIC VALVE	WATER ESTERILIZER DAIKYO MODEL B10-A	8 PIECE
7.- RUBBER BUSHING-20	REEL OUTLET OXIGEN SISTEM CENTRAL UNIT CO LTD.	4 PIECE
8.- RUBBER HOSE 10	REEL OUTLET OXIGEN SISTEM OXIGEN CENTRAL UNI CO LTD.	4 PIECE
9.- HALOGEN BULBS 24V 50W	OPERATION LAMP DKK MODEL 10058 DSD	40 UNIT
10.- CHECK VALVE AUTOMATIC CHANG-OVER	DEVICE & HEADER OXIGEN CENTRAL UNI CO LTD.	8 PIECE
11.- ROTARY OIL SEAL VACUUM PUMPET	VACUUM ROOM MODEL VOP 321	1 SET
12.- INLET FILTER EXAUST FILTER OIL	FILTER VACUUM PUMP OXIGEN CENTRAL UNI CO LTD.	2 ASS
13.- CONTACTORS LAUNDRY PRESS	ELECTRIC HEATER ASAHIS NDP-700 E	3 PIECE
14.- MASTER CILINDER LAUNDRY EXTRACTOR	ELECTRIC HEATER ASAHIS NE-26	2 PIECE
15.- W LAMP ESPECTOMETER 100-30	HITACHI LTD. ESPECTOMETER 982-0017	2 PIECE
16.- D ₂ LAMP ESPECTOMETER 100-30	HITACHI LTD. ESPECTOMETER 982-1035	2 PIECE
17.- LOW TEMPERATURE SENSOR THERMDSTAT	BLUE THERMO	2 PIECE

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PARTS A

NAME	MACHINE/MODEL	QUANTITY
	CU TD51	
18.- LOW TEMPERATURE SENSOR THERMOSTAT	BLUE THERMO SUS 304 TD51	2 PIECE
19.- TEMPERATURE AND PRESURE GAUGE	HOT TANK WATER	2 PIECE
20.- JACKET PRESURE GAUGE	SAKURA FBA-6 DU3/8" 4 kg/cm ²	1 PIECE
21.- STERRILIZING PRESURE GAUGE	SAKURA FBA-6 DU3/8" 750 76 CM.	1 PIECE
22.- STEAM SOURCE PRESURE GAUGE	SAKURA FBA-6 BT3/8D70o 10kg/cm ²	1 PIECE
23.- SOLENOID VALVE	SAKURA FBA-6 SC40 - 04QSH 15A	2 PIECE
24.- PACKLES VALVE	SAKURA FBA-6 15A-20A	2 PIECE
25.- CHEK VALVE (LIFT TYPE)	SAKURA FBA-6 T-125BN 15A-20A	2 PIECE
26.- TRAP (CHAMBER JACKET)	SAKURA FBA-6 RB-2 15A.	2 PIECE
27.- MAIN FILTER	SAKURA FBA-6 ULTIPORE 0.9 UX	2PIECE
28.-PRE FILTER	SAKURA FBA-6 TRAVELON CONTAIN AF-300 11 SHEETS	30 PIECE
29.- DOOR GASKET	SAKURA FBA-6 SILICON RUBBER 520 0	2 PIECE
30.- STOP YALVE	SAKURA HM-10K-3G 15A	2 PIECE
31.- REDUCING VALVE	SAKURA FBA-6 RD-3 15A	1 PIECE
32.- YACUUM PUMP	SAKURA FBA-6 KT20E	1 PIECE
33.- SCHOK ABSORTION RUBBER	SAKURA FBA-6 MT70	2 PIECE

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PARIS A

NAME	MACHINE/MODEL	QUANTITY
34.- SOLENOID VALVE (WATER SUPPLY)	SAKURA FBA-6 SX3-03 12A	2 PIECE
35.- SOLENOID SWITCH PROVIDED	SAKURA SRC3931-02 COIL 100V	1 PIECE
36.- ELECTRODE LEVEL W	SAKURA FBA-6	6 PIECE
37.- HEATER 3.5 KW	SAKURA FBA-6	4 PIECE
38.- PRESSURE SWITCH	SAKURA 1.5 Kg/cm ² MODEL FA360	1 PIECE
39.- PRESSURE SWITCH	SAKURA 0.3 Kg/cm ² MODEL FA360	1 PIECE
40.- HUMIDIFIER OXIGEN	OXIGEN CENTRAL UNI CO LTD.	10 PIECE
41.- BOTTLE PLASTIC HUMEDIFIER	OXIGEN CENTRAL UNI CO LTD.	10 PIECE
42.- BOTTLE GLASS (1200 CC) WALL SUCTION	OXIGEN CENTRAL UNI CO LTD.	10 PIECE

INSTITUTO DE GASTROENTEROLOGIA BOLLIVIANO JAPONES
SUCRE

REQUIREMENTS LIST

PRIORITY "A"

1.- EQUIPMENT:

1.- PATHOLOGY:

Teaching or Discussion Microscope

NIKON 1 Pc.

2.- CLINICAL LABORATORY:

Spectrophotometer
 Flame Photometer Or
 Electrolyte Systems (Selective Ion)
 Top Loading Electronic Balance
 Water Destillator
 Teaching Microscope (2 Oculars)

HITACHI 100-20 (Or Similar) 1 Pc.
 ANY BRAND 1 Pc.
 ANY BRAND 1 Pc.
 ANY BRAND 1 Pc.
 SAKURA 1 Pc.
 NIKON 1 Pc.

3.- ENDOSCOPY:

Cold Light Supply

OLYMPUS CLEF 10 1 Pc.

4.- X RAY:

X Ray Tube (DRX-285 D)
 X Ray Automatic Processor

TOSHIBA (SKT-6) SURGICAL UNIT 1 Pc.
 SAKURA-KONICA QX 130-MODEL 1510
 OR SIMILAR 1 Pc.

5.- TEACHING & INVESTIGATION:

Paper Copier

ANY BRAND

1 pc.

6.- I.C.U.:

Three Channel Monitor
Ultrasonic Nebulizer

NIHON KOHDEN
ACOMA EN-3

1 pc.
1 pc.

REQUIREMENTS LIST

PARTS - PRIORITY "A"

NAME AND BRAND

PART REQUESTED

QUANTITY

PATHOLOGY:

- . Copy Stand SFC ML30 30 Pcs.
- . Microscope Nikon Labophot 220 V 20 Pcs.
- . Microscope Nikon Optiphot 220 V 20 Pcs.
- . Microtome Knife DISPOSABLE MICROTOME BLADES FEATHER S 35 TYPE 1 Box.
- . Slide Warmer Sakura Model PS-51 CONTROL MODULE N 55 - 118 - 00 TTC-15 1 Pc.

CLINICAL LABORATORY:

- . Spectrophotometer Hitachi 100-20 DEUTERIUM LAMP (H41415) 10 Pcs.
- . Chloride Counter Hiranuma, Type M CL-5 TUNGSTEN LAMP 10 V - 3A (982-0017) 10 Pcs.
- . Densitometer Densitron 20 M JOOKO LTD QUARTZ CELL 4 Pc.
- . Refractometer ERMAC 9167 SILVER ELECTRODE 2 Pcs.
- . Clinibath Sakura KR STANDARD CONTROL 5 Pcs.
- . Eppendorf Tip Ejector Microliter Pipets (10,20,50,100,200,500 ml) STANDARD CONTROL 2 Pcs.
- . Sensi Disc Susceptibility Test System 6.3 V - 0.2A LAMP MOTOR 10 Pcs.
- . 1 Pc.
- . 2 Pc. of each
- . 1 Pc.

NAME AND BRAND

PART REQUESTED

QUANTITY

ENDOSCOPY:

. Endoscope JF 1 T10 OLYMPUS
SEMI-DISPOSABLE BIOPSY VALVE MB 358
FOR CHANNEL OPENING 20 Pcs.
FENESTRATED TYPE BIOPSY FORCEPS FB-26N 5 Pcs.
CYTOLOGY BRUSH STANDARD TYPE BC-25K 10 Pcs.
PAPILOTOMY KNIFE KD 4Q,5Q,6Q 10 Pcs. of each
GRASPING FORCEP FG 14Q,22Q,23Q 10 Pcs. of each
CANNULA PR - 4Q,7Q,8Q,10Q 5 Pcs. of each
FENESTRATED TYPE BIOPSY FORCEPS FB-25K 10 Pcs.
ALLIGATOR TYPE FORCEPS FB-11K 10 Pcs.
INJECTOR NM 1K 5 Pcs.
INJECTOR NM 3K 5 Pcs.

13
14
15
Esophagus Dilator Savary-Gilliard Type SGD 70-1
SGD 100-1
SGDP 70-1

. Cold Light Supply OLYMPUS
. Cold Light Supply OLYMPUS CLS-F

XENON SHORT UXL 500L-0-2 LAMP 1 Pcs.
XENON SHORT UXL LOOP-OCLS-F LAMP 2 Pcs.

SURGERY:

. GOSSETT TYPE LARGE SEPARATOR 2 Pcs.
. FOERSTER FORCEPS 6 Pcs.
. KELLY LARGE FORCEPS 12 Pcs.
. MAYO LARGE SCISSORS 12 Pcs.
. CLIPS FOR NAKAYAMA CLAMPS 20 Boxes
. FOGARTY BILIARY BALLOON PROBE N° 5 and 6 10 Pcs.
. SENGSTAKEN BLAKEMORE TUBE 16 F 2 Pcs.
. LINTON TUBE 16 F 1 Pcs.

R E A G E N T S

PATHOLOGY:

• <u>Harris Hematoxylin</u>		
Mercuric Oxide Red	100	grs.
• <u>Mayer Hematoxylin</u>		
Sodium Yodate	100	grs.
Citric Acid	100	grs.
• <u>PAS</u>		
HCL 1N	250	mls.
Peryodic Acid	100	grs.
Sodium Bisulphite	50	mls.
• <u>Ferrum</u>		
Potassium Ferrocyanure	100	grs.
• <u>Silver</u>		
KOH	25	grs.
Ag NO ₃	100	grs.
Kernecchtrot	100	grs.
Amonium Water	1.000	mls.
• <u>Alcian Blue 865</u>	100	grs.
Acido Acético	100	grs.
• <u>Van Giesson</u>		
Hydrochloric Cone Acid	250	mls.
Pycric Acid	25	grs.
• <u>Zielh Neelsen</u>		
Phenol Crystals	25	grs.
• <u>Mayer's Mucicarmin</u>		
Al CO ₃ Anhidro	125	grs.
Methanyl Yellow	100	grs.
Carmin	100	grs.
Acido Acético Glacial	25	grs.
Active Carbon	100	grs.
Fucsine Basic	100	grs.
Sodium Phosphate Dibasic	500	grs.
Sodium Phosphate Monobasic	500	grs.
Diastase	500	grs.
Phosphotungstic Acid	100	grs.
Potassium Dicromate	100	grs.
Ponceau	100	grs.
Ligth Green	100	grs.
Cloruro Ferrico	100	grs.
Victoria Blue	100	grs.

New Fuchsin	100	grs.
Sodium Thiosulfite	100	grs.
Carbol Fucsina	100	grs.
• <u>Elastic Rybers</u>		
Dextrin	1.000	grs.
Iron III Chloride	1.000	grs.
• <u>Ordein Stain</u>		
Mn O ₄	500	mls.
Sodium Hidrogenen Sulfate	500	mls.
Orceina	150	grs.
KMnO ₄	200	grs.
Oxalic Acid	100	grs.
Ferric Ammonium Sulfate	100	grs.
Chloroauric Acid	100	grs.
• <u>Azan Mallory</u>		
Azocarmin "G"	150	grs.
• <u>PAM</u>		
Methanamine	200	grs.
Borax	100	grs.
Acido Oxálico		
Carboxy Metil Cellulose Sodium	100	grs.
Hidrokinone	500	grs.

CLINICAL AND MICROBIOLOGY LAB:

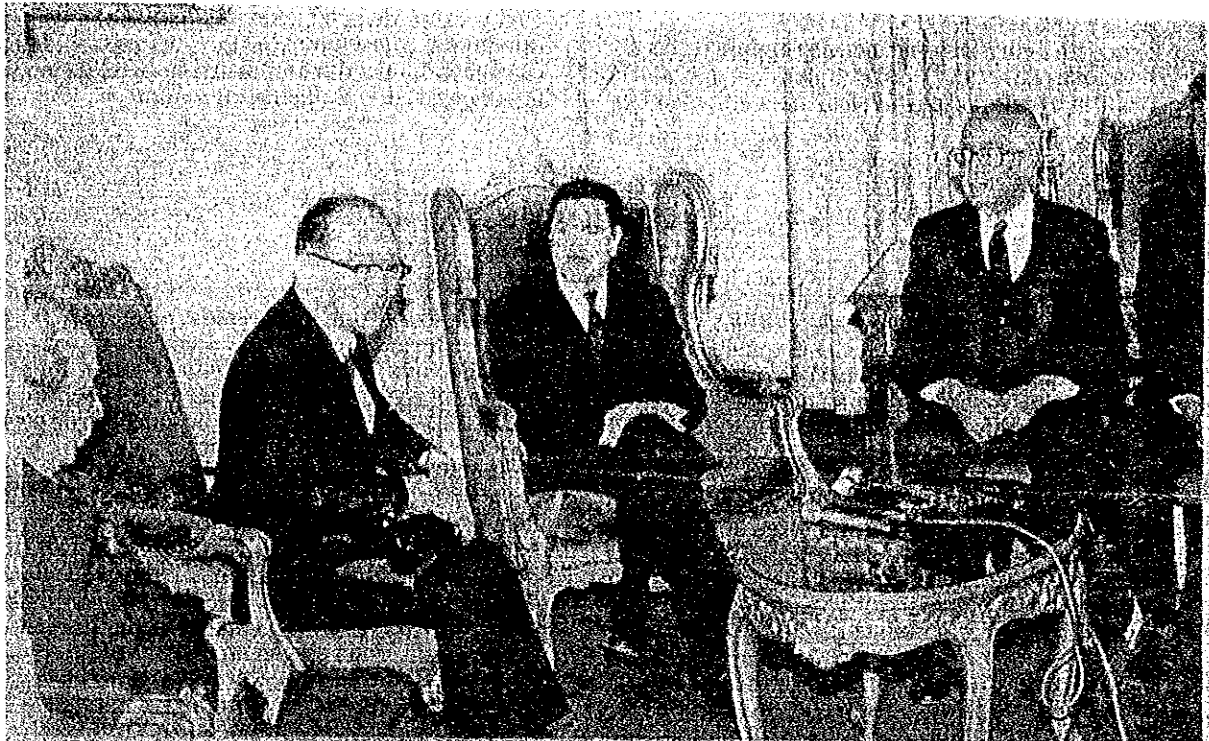
• Ampouls of ICG (Indociane Green)	10	pcs.
• Blue Starch Tablets	10	set.
• GAM Semi Solid with and without sugar (Nissui)	5	set.
• Stuart Transport Medium (Nissui)	2	set.
• Brain Heart Infusion Agar (Eiken)	2	set.
• Clostrisel Agar	2	set.
• Gas Pak Anaerobic (Disposal) System	2	set.
• Propianate Natrium	500	grs.
• Cloride Litium	50	grs.
• Green Brilliant	50	grs.
• Campy-BAP	5	set.

PARTS FOR MEINTENANCE

- WATER HEATHER RESISTANCE 4.4 KW NIHON ITOMIC 6 Pcs.
- KIT OF FILTERS FOR CENTRAL ASPIRATION UNIT - CENTRA
UNI MEDICAL SYSTEMS MODEL 040702 6 Pcs.
- FOR OZONELESS WATER STERILIZER DAIKYO MODEL 810
FILTERS FOR WATER 6 Pcs.
- U.V. STERILIZING LAMP 6 Pcs.
- FOR AUTOCLAVE FA-360 BE SAKURA FILTERS PALL MODEL
FSA-GS FCC 6 Pcs.
- RUBBER DOOR PACKING 3 Pcs.
- FOR AUTOCLAVE SRA-3631-0 SAKURA MAGNETIC CONTACTOR
SRC 3631 - 3C FUJI ELECTRIC 2 Pcs.
- CONDENSERS FOR AUTOCLAVES SAKURA OF MICROFARAD AND
230 WV AC AND 50 MICROFARAD 230 WV AC 4 Pcs. of each
- FOR CENTRIFUGE HITACHI TYPE 05PR-22 100V 50/60
Hz - CONTROL MODULE 107662 33 RK OI

⑦ 1989年7月2日付現地新聞“EL DIARIO”紙切り抜き

1989年7月2日付現地新聞“EL DIARIO”紙切り抜き



La Universidad Andina "Simón Bolívar" recibirá ayuda por parte de los organismos de cooperación del Japón en la especialización de profesionales médicos en el campo de la gastroenterología. El Vice Presidente de la República, Dr. Julio Garrett Aillón, recibió la visita de los representantes japoneses quienes le hicieron conocer la intención de llevar a cabo un programa de cooperación para la especialización médica. La representación japonesa tiene en Bolivia la atención de tres hospitales, en los departamentos de Sucre, Cochabamba y La Paz, lo que constituirá una base para el ofrecimiento que hizo a la Universidad subregional.

ボリヴィア国消化器疾患研究対策プロジェクトアフターケア調査団員とボリヴィア国副大統領
(Dr. Julio Garrett Aillón、アンデス大学長)との会見を報じる現地新聞

1989年7月2日付 (EL DIARIO紙)

JICA