

資 料

資料 1. 討議々事録 (R / D)

(1) 第 1 回目 R / D

Record of Discussions between the Japanese Implementation Survey Team and the Authorities Concerned of the Government of the Republic of Bolivia on the Technical Cooperation in the Field of Gastroenterology.

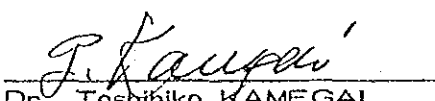
The Japan International Cooperation Agency dispatched the Implementation Survey Team (hereinafter referred to as "the Team") which was headed by Dr. Toshihiko KAMEGAI to the Republic of Bolivia from November 17th., 1976 to November 26th., 1976 for the purpose of working out the details of the technical cooperation project in the field of gastroenterology (hereinafter referred to as "the Project").

The Team exchanged views and had a series of discussions with the authorities concerned of the Government of the Republic of Bolivia concerning the desirable measures to be taken by both Governments to implement the aforementioned Project.

As a result of the survey and discussions, the both parties agreed to recommend to their respective Governments to carry out the matters referred to in the attached document hereto concerning the technical cooperation project in the field of gastroenterology.

November 26th., 1976.


Dr. Glicerio ROJAS
Director General de Salud


Dr. Toshihiko KAMEGAI
Head of the Japanese
Implementation Survey Team

(Traducción fiel del documento en idioma inglés)

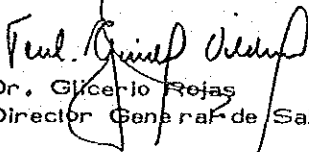
Documento de las Discusiones entre el Equipo Japonés de Estudio Implementario y las Autoridades Concernientes del Gobierno de la República de Bolivia acerca de la Cooperación Técnica en el Campo de la Gastroenterología.

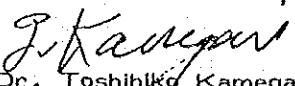
La Agencia Japonesa de Cooperación Internacional, envió el Equipo de Estudios Implementarios (más adelante se referirá como "el equipo") bajo la dirección del Dr. Toshihiko Kamegai, a la República de Bolivia, desde el 17 de noviembre de 1976 hasta el 26 de noviembre de 1976, con el propósito de convenir los detalles de cooperación técnica en el campo de la Gastroenterología (más adelante se referirá como "el proyecto").

El equipo intercambió ideas y tuvo una serie de discusiones con las autoridades correspondientes del Gobierno de la República de Bolivia en lo que respecta a las medidas convenientes que deben ser tomadas por ambos Gobiernos para realizar el antes ya mencionado proyecto.

Como resultado del estudio y discusiones, ambas partes acordaron recomendar a sus respectivos Gobiernos llevar a cabo los asuntos referidos en el documento adjunto, concernientes al proyecto de cooperación técnica en el campo de la Gastroenterología.

26 de noviembre de 1976.


Dr. Glicerio Rojas
Director General de Salud


Dr. Toshihiko Kamegai
Jefe de la Misión Japonesa
de Estudio e Implementación

ATTACHED DOCUMENT

1. Background

Recognizing that the gastroenterological research is one of the most important tasks in the Republic of Bolivia, which will contribute greatly to the advancement of welfare of the people and of social development of the country, the Government of Japan and the Government of the Republic of Bolivia will jointly carry out the Technical Cooperation Project in the field of gastroenterology.

It is expected that the Government of the Republic of Bolivia will establish, through this cooperation, the methods applicable for its own country, and thus succeed in the improvement of advancement.

2. The outline of "the Project"

Cooperation between the Government of Japan and the Government of the Republic of Bolivia in the gastroenterological research institute which will function as a substructure of "Ministerio de Previsión Social y Salud Pública" of the Republic of Bolivia, coordinating with "Consejo Nacional de Educación Superior".

- a) Cooperation in improvement of medical facilities for examination of X-ray, Endoscope and Cytodiagnosis necessary for early detection of digestive disease.
- b) Cooperation in the strengthening of the early diagnostic skill of cancer in general.
- c) Cooperation in the strengthening of functions for epidemiological research of digestive disease.
- d) Cooperation in the strengthening of functions in the activities of health education in the field of digestive disease.

3. In accordance with laws and regulations in force in Japan, the Government of Japan will take necessary measures through JICA to provide, at its own expense, the requisite services of Japanese experts including those for installation of equipment as listed in Annex 1 upon the request of the Government of the Republic of Bolivia through the normal procedures under the Technical Cooperation Scheme. (Application Form A 1).

Paul P.
P.K.

4. 1) In accordance with laws and regulations in force in Japan, the Government of Japan will take necessary measures through JICA to provide, at its own expense, upon the request of the Government of the Republic of Bolivia such equipment, machinery, vehicles and materials required for the implementation of the Project as listed in Annex II through the normal procedure under the Technical Cooperation Scheme. (Application Form A-4).

2) The equipment, machinery, vehicles and materials referred to above will become the property of the Government of the Republic of Bolivia upon delivery
(c.i.f.)

c.i.f. at the airport of the Republic of Bolivia or at the place on Bolivian national border to the authorities concerned of the Republic of Bolivia.

3) The equipment referred to above will be utilized exclusively for the implementation of the Project in close consultation with the Japanese experts.

4) Shipping documents for the Bolivian consular's seal of the equipment referred to above will be in English.

5. In accordance with laws and regulations in force in Japan, the Government of Japan will take necessary measures through JICA to receive, at its own expense, Bolivian staff associated with the Project for such technical training in Japan as listed in Annex III through the normal procedure under the Technical Cooperation Scheme. (Application Form A2, A3).

Paul P.

6. The measures to be taken by the Government of the Republic of Bolivia:

J.K.

1) In accordance with laws and regulations in force in the Republic of Bolivia, the Government of the Republic of Bolivia will take necessary measures to ensure the recruitment of Bolivian counterpart personnel as listed in Annex IV and to provide, at its own expense, the services of such counterpart personnel,

2) In accordance with laws and regulations in force in the Republic of Bolivia, the Government of the Republic of Bolivia will take necessary measures to provide at its own expense:

- a) Space for laboratories, buildings, offices and other incidental facilities in the project;
- b) Supply or replacement of equipment and other materials for appropriate running of "the Project", other than those provided by the Government of Japan under Article 4, Item (1);
- c) Expenses necessary for the domestic transportation of the goods referred to in Article 4, Item (1) as well as for their installation, operation and maintenance and repair;
- d) All running expense necessary for the effective implementation of the Project;

3) In accordance with laws and regulations in force in the Republic of Bolivia, the Government of the Republic of Bolivia will provide for exemption of customs duties, internal taxes and other similar charges, if any, imposed in the Republic of Bolivia in respect of the goods referred to in Article 4, Item (1).

7. 1) The Japanese experts mentioned in Article 3 and their families will be granted in the Republic of Bolivia, privileges, exemptions and benefits no less favourable than those granted to experts of other countries under the Technical Cooperation Scheme as well as those of the United Nations.

2) The Government of the Republic of Bolivia will exempt the Japanese personnel under the terms of this Record of Discussions from all taxes and other fiscal charges in connection with all remunerations remitted to the Japanese personnel by the Government of Japan or the Japan International Cooperation Agency,

3) The Government of the Republic of Bolivia will grant to the Japanese experts privileges no less than those accorded to professor or medical expert of the universities of the Republic of Bolivia.

4) In accordance with laws and regulations in force in the Republic of Bolivia, the Government of the Republic of Bolivia will take necessary measures to meet:

- a) Expenses for vehicles with driver for the Japanese experts during working hours;
- b) Expenses for the internal travel in the Republic of Bolivia of the Japanese experts on duty;
- c) Free medical service and facilities for the Japanese

F. K.
J. K.

experts and their families, in case of accident or illness resulting from the work or from the conditions of the local environment;

d) Expenses for fully furnished appropriate housing accommodation for the Japanese experts and their families;

e) The Government of the Republic of Bolivia will guarantee the realization of all medical activities for the Japanese experts who have medical registration of Japan in connection with the present project.

Paul K.
P.K.

8. Claims against the Japanese experts:

In accordance with laws and regulations in force in the Republic of Bolivia, the Government of the Republic of Bolivia undertakes to bear claims, if any arises, against the Japanese experts resulting from, occurring in the course of, or otherwise connected with discharge of their official functions in the Republic of Bolivia, except for those claims arising from the wilful misconduct or gross negligence of the Japanese experts,

9. Japanese experts will primarily give technical guidance and advice to Bolivian staff associated with "the Project" pertaining to the implementation of "the Project", and the Bolivian authorities concerned will be responsible for the administrative and managerial matters pertaining to "the Project".

It is advisable to establish a Joint Committee under the Chairmanship of Dr. Federico Aliaga Antezana, which consists of representatives of both the Japanese resident experts and Bolivian experts, for the successful and smooth implementation of "the Project".

10. Both Governments will consult with each other when necessary in respect of any matter that may arise from or in connection with this Record of Discussions.

11. The duration of the Japanese cooperation for the Project will be three (3) years commencing from April 1st., 1977 to March 31st., 1980.

Paul P
P.K

ANNEX I, Japanese Experts

- (a) Expert in Gastroenterology
- (b) Expert in Pathology
- (c) Expert in Surgery
- (d) Expert in Endoscope
- (e) Expert in X-ray
- (f) Expert in the other related fields as necessary to
be mutually agreed upon.

Tanaka
J.K

ANNEX II, Equipment and Instruments

- (1) Equipment for Pathology
 - a. Photographic Microscope
 - b. Binocular Microscope
 - c. Teaching Microscope
- (2) Equipment for Endoscope
 - a. Gastrofiberscope
 - b. Gastrocamera
 - c. Duodenofiberscope
 - d. Colonofiberscope
- (3) Equipment for X-ray
 - a. Remote Control X-ray TV Equipment
 - b. X-ray TV Equipment
 - c. Compact X-ray Equipment
 - d. Developing Equipment
- (4) Equipment for Surgery
- (5) Vehicles
- (6) Equipment for the other related fields as necessary to be mutually agreed upon.

Paul P.
P.K.

ANNEX III. Training in Japan

- (a) Researcher for Gastroenterology
- (b) Researcher for Pathology
- (c) Researcher for Surgery
- (d) Researcher for Endoscope
- (e) Researcher for X-ray
- (f) Researcher for the other related fields as necessary
to be mutually agreed upon.

Paul Q
J.K

ANNEX IV, Bolivian Counterparts

- (a) Counterpart in Gastroenterology
- (b) Counterpart in Pathology
- (c) Counterpart in Surgery
- (d) Counterpart in Endoscope
- (e) Counterpart in X-ray
- (f) Counterpart in the other related fields as necessary
to be mutually agreed upon.

Ferdinand
F.K.

MEMORANDUM Nº 1

1. The President of the joint committee should not be changed during the performance of the "Project" without consulting to JICA no less than three months before.
2. Concerning 4. 2) of the Record of Discussion, the Bolivian national border will be understood as the port of Arica or Matarani.
3. List of Equipments:
 - 1) Equipment for Pathology
 - a. Photographic microscope 3.
 - b. Binocular microscope 5.
 - c. Projector for microscope 2.
 - d. Automatic staining apparatus 1.
 - e. Microtome 3.
 - f. Cryomicrotome 1.
 - g. Equipment for medical photography 3.
 - h. Teaching Microscope 2.
 - 2) Equipment for Endoscope
 - a. Esophagofiberscope 3.
 - b. Gastrofiberscope (frontal vision) 1.
" (lateral vision) 3.
 - c. Duodenofiberscope (frontal vision) 3.
" (lateral vision) 1.
 - d. Colonofiberscope (long one) 3.
" (short one) 1.
 - e. Peritoneoscope 1.
 - f. Teaching scope 3.
 - g. Source of light (large one) 3.
" " (small one) 3.
 - h. TV monitor for endoscope 1
 - i. Examination table for endoscopy 3.
 - j. Film projector 3.

Cont. Page 2.

- 3) Equipment for X-ray
 - a. Remote Control X-ray TV Equipment 1.
 - b. X-ray TV. Equipment 2.
 - c. Compact X-ray Equipment 3.
 - d. Developing Equipment 3.
- 4) Vehicle 1.
- 5) Equipment for Photocopy 1.

*Prakash
J. Kanyas'*

MEMORANDUM N° 2

The expenses mentioned in 7.4 d) of Record of Discussion will be provided by the Consejo Nacional de Educación Superior, with the agreements of the Universities of Mayor de San Andrés, Mayor de San Simón y Mayor de San Francisco Xavier.

Alfaro

J. Karyan

MEMORANDUM N° 1

1. El Presidente del Comité Mixto no podrá ser cambiado durante el desarrollo del "Proyecto", sin antes consultar a JICA con tres meses de anticipación.
2. De acuerdo al artículo 4.2) en el documento, la frontera de Bolivia se entiende que será el Puerto de Arica o Matarani.

3. Lista de Equipos

1) Equipo para Patología

a. Microscopio fotográfico	3.
b. Microscopio binocular	5.
c. Proyector para microscopio	2.
d. Equipo para tinción automática	1.
e. Microtomo	3.
f. Cryomicrotomo	1.
g. Equipo para fotografía médica	3.
h. Microscopio de enseñanza	2.

2) Equipo para Endoscopia

a. Esofagoscopio	3.
b. Gastrofibroscopio (visión frontal)	1.
" (visión lateral)	3.
c. Duodenofibroscopio (visión frontal)	3.
" (visión lateral)	1.
d. Colonofibroscopio (largo)	3.
" (corto)	1.
e. Peritoneoscopio	1.
f. Escopio para enseñanza	3.
g. Fuente de luz grande	3.
" pequeña	3.
h. TV monitor para endoscopia	1.
i. Mesa para examinación endoscópica	3.
j. Proyector de película	3.

Cont. Pag. 2.

- 3) Equipo para Rayos-X
 - a. Equipo televisado de rayos-X con control remoto 1.
 - b. Equipo de Rayos-X con T.V. 2.
 - c. Equipo de Rayos-X compacto 3.
 - d. Equipo para revelado 3.
- 4) Vehículo 1.
- 5) Equipo para fotocopia 1.

Alijah

J. Kanyai

MEMORANDUM N° 2

Los gastos mencionados en el artículo 7.4 d) del Documento de discusión, serán provistos por el Consejo Nacional de Educación Superior (C.N.E.S.) y de acuerdo con la Universidad Mayor de San Andrés, Mayor de San Simón y Mayor de San Francisco Xavier.

Aliajal
J. Kanizari

RECORD OF DISCUSSION


The Japanese Implementation Survey Team (hereinafter referred to as "the Team") organized by the Japan International Cooperation Agency and headed by Dr. Toshihiko Kamegai, Professor of Toho University, School of Medicine, visited the - Republic of Bolivia from February 4, to February 19 1980.

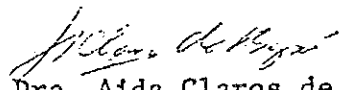
During its stay in the Republic of Bolivia, the Team exchanged views and had a series of discussion with the authorities concerned of the Government of the Republic of Bolivia on the extension of ongoing technical cooperation for the Gastro-intestinal Diseases Control Project signed at La Paz, Bolivia on November 26th, 1976.

As a result of the discussion, the team and the Bolivian Authorities Concerned agreed to recommend to their respective Government that the period of the above mentioned technical - cooperation should be extended for three years from April 1, 1980 to March 31, 1983, with the matters referred to in the attached document.

7th February & 1980.

La Paz - Bolivia


Dr. Toshihiko Kamegai
Head of the Japanese Implemen-
tation Survey Team.


Dra. Aida Claros de Bayá
Minister of Ministry of
Public Health and Welfare.

THE ATTACHED DOCUMENT

I. THE OUTLINE OF THE PROJECT.

1. Purpose.

The Project aims at contributing the functional development toward the community oriented activities through upgrading the level of prevention diagnosis and treatment of Gastrointestinal Diseases of Gastroenterological Research Centers in La Paz, Sucre and Cochabamba, Bolivia.

2. Measures to be taken by both Governments.

The Government of the Republic of Bolivia is responsible for the implementation of the Project under the guidance of the Coordinating Committee as stipulated in the article II-2. The Government of Japan will cooperate with the Government of the Republic of Bolivia in carrying out the Project by dispatching Japanese experts to Bolivia, receiving Bolivian personnel for training in Japan and providing equipments.

3. Activities under the Project.

Activities will include the following:

- (1) Improvement of the early diagnosis of the gastrointestinal diseases,
- (2) Improvement of treatment of the gastrointestinal diseases,
- (3) Improvement of functions for epidemiological research of gastrointestinal diseases,
- (4) Improvement of the training of medical doctors and allied health personnel.
- (5) Improvement of functions in the activities of health education,
- (6) Other related activities mutually agreed upon as necessary.

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II. ADMINISTRATION OF THE PROJECT.

1. The Japanese experts will give appropriate technical advice and guidance to the Bolivian staff with a view to effective implementation of the Project and the Bolivian authorities concerned will be responsible for administrative matters as to the Project.

2. For the successful implementation of the Project, - the coordinating Committee will be established as stipulated in the article III-

The Coordinating Committee will be held at least once a year.

The functions of the Committee are as follows:

- (1) To formulate annual plan for the Project.
- (2) To review the implementation of the Project.
- (3) To discuss over the matters concerning the Bolivian counterpart personnel.
- (4) To advise the Bolivian authorities concerned on - the implementation of the project at all stages - and at all levels.

III. COMPOSITION OF THE COORDINATING COMMITTEE.

The Coordinating Committee is to be composed of the following members:

1. President of JICA's committee for the Gastrointestinal Disease Control Project.
2. Resident Representative of JICA in Bolivian.
3. Japanese experts staying in Bolivia.
4. Coordinator for JICA's Project of Ministry of Public Health and Welfare of Bolivia.
5. Directors of Gastroenterological Centers in La Paz, Sucre and Cochabamba.

DOCUMENTO DE LAS DISCUSIONES

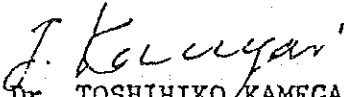
La Misión Japonesa de Estudio e Implementación (denominada en adelante "La Misión") organizada por la Agencia de Cooperación Internacional del Japón y encabezada por el Dr. Toshihiko Kamegai, profesor de la Facultad de Medicina de la Universidad de Toho, visitó la República de Bolivia del 4 de Febrero al 19 de febrero de 1980.

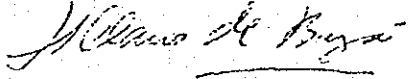
Durante su permanencia en la República de Bolivia, la Misión intercambió puntos de vista y sostuvo una serie de conversaciones con las autoridades correspondientes del Gobierno de la República de Bolivia, sobre la ampliación de la cooperación técnica vigente para el proyecto de control de enfermedades Digestivas que fué suscrito en La Paz, Bolivia el 26 de noviembre de 1976.

Como resultado de las conversaciones, la Misión y las Autoridades Bolivianas correspondientes acordaron recomendar a sus respectivos Gobiernos la ampliación del período de la cooperación técnica citada por tres años, del 1 de abril de 1980 al 31 de marzo de 1983 y llevar a cabo los asuntos con los aspectos referidos en el documento adjunto.

7 de febrero de 1980.

La Paz - Bolivia


Dr. TOSHIHIKO KAMEGAI
Jefe de la Misión Japonesa
de Estudio e Implementación


DRA. AIDA CLAROS DE BAYA
Ministra de Previsión Social y
Salud Pública.

DOCUMENTO ADJUNTO

DESCRIPCION DEL PROYECTO.

1. Propósitos.

El Proyecto está dirigido a contribuir en el desarrollo funcional de las actividades que son orientadas a la Comunidad a través de un mejoramiento en el nivel del diagnóstico preventivo y el tratamiento de las enfermedades digestivas de los Centros de Investigación Gastroenterológica de La Paz, Sucre y Cochabamba-Bolivia.

2. Medidas que adoptarán ambos Gobiernos.

El Gobierno de la República de Bolivia es responsable de la Implementación del Proyecto con el asesoramiento del Comité Coordinador según se estipula en el Artículo II-2.

El Gobierno del Japón cooperará al Gobierno de la República de Bolivia en la ejecución del Proyecto mediante el envío de expertos Japoneses a Bolivia, la recepción de personal boliviano para su entrenamiento en Japón y el suministro de equipos.

3. Actividades del Proyecto.

Las siguientes actividades serán incluidas:

1. Mejoramiento del diagnóstico precóz de las enfermedades digestivas.
2. Mejoramiento en el tratamiento de las enfermedades digestivas.
3. Mejoramiento en el funcionamiento de la Investigación epidemiológica de las enfermedades digestivas.
4. Mejoramiento en el entrenamiento del personal médico y paramédico.
5. Mejoramiento en el funcionamiento de las actividades educacionales en salud.
6. Otras actividades relacionadas de mutuo acuerdo - cuando sea necesario.

J. K.
J. C. de B.

II. ADMINISTRACION DEL PROYECTO.

1. Los Expertos Japoneses proporcionarán un adecuado asesoramiento y orientación al personal boliviano con miras a una implementación efectiva del Proyecto y las Autoridades Bolivianas correspondientes serán responsables de los asuntos administrativos del Proyecto.
2. Para la exitosa implementación del Proyecto, el Comité Coordinador se reunirá por lo menos una vez al año, que establece el artículo III. Funciones:
 1. Formular un plan anual para el Proyecto.
 2. Revisar la implementación del Proyecto.
 3. Discutir sobre asuntos relacionados con el personal de la Contraparte Boliviana.
 4. Asesorar a las Autoridades Bolivianas correspondientes sobre la implementación del Proyecto en todas sus fases y en todos sus niveles.

III. COMPOSICION DEL COMITE COORDINADOR.

El Comité Coordinador estará integrado por los Miembros siguientes:

1. El Presidente del Comité de JICA para el Proyecto de Control de Enfermedades Digestivas.
2. El Representante Residente de JICA en Bolivia.
3. Los Expertos Japoneses en Bolivia.
4. El Coordinador del Ministerio de Previsión Social y Salud Pública de Bolivia para el Proyecto JICA.
5. Los Directores de los Centros de Gastroenterología de La Paz, Sucre y Cochabamba.

J.K.

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MEMORANDUM DE ENTENDIMIENTO

Con respecto al inciso (3) del punto 2 del párrafo II del Documento de discusiones firmado en la fecha 7 de Febrero de 1980, concerniente a la cooperación técnica japonesa para el proyecto de control de enfermedades digestivas, la contra parte boliviana representada por el Ministerio de Previsión Social y Salud Pública a través de su Ministro Dra. - Aida Claros de Bayá, y la contra parte Japonesa representada por el jefe de la Misión Oficial de la Agencia de Cooperación Internacional del Japón (JICA), Dr. Toshihiko Kamegai suscriben el siguiente acuerdo:

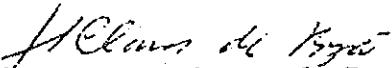
PRIMERO: La Contra-parte Japonesa, sobre la cual recae la responsabilidad en la formación del personal boliviano médico y técnico especializado de los Centros de Gastroenterología de La Paz, Sucre y Cochabamba, continuará participando - equitativamente con la Contra-parte Boliviana en la selección para su contratación del citado personal a través del Comité Coordinador establecido en el párrafo III del Convenio.

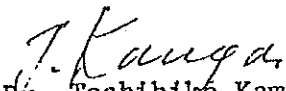
SEGUNDO: Con el propósito de garantizar sobre sólidas bases el normal desarrollo del Convenio, el personal médico y técnico contratado en los Centros de Gastroenterología de La Paz, Sucre y Cochabamba, permanecerá trabajando durante la vigencia del Convenio, salvo los casos de incumplimiento con las obligaciones contraídas y con lo estipulado en el Documento de discusiones.

Conviene en señal de mutuo acuerdo firmar las Contrapartes.

7 de febrero de 1980.

La Paz - Bolivia.


Dra. Aida Claros de Bayá
MINISTRA DE PREVISION SOCIAL Y
SALUD PUBLICA


Dr. Toshihiko Kamegai
JEFE DE LA MISIÓN JAPONESA DE
ESTUDIO E IMPLEMENTACION

資料2 協力実績

(1) 各種調査団の派遣

事前調査団（昭和51年3月26日～4月10日）

- 団 長 多ヶ谷 勇（国立予防衛生研究所腸内ウイルス部長）
団 員 安部井 徹（東邦大学医学部内科学助教授）
" 小野寺 伸 夫（JICA医療協力部医療第2課長）
" 郡 司 篤 晃（厚生省医務局総務課長補左兼医療システム調査室長補左）
注 アルゼンティンとの合同調査でアルゼンティンを含めた調査期間は4月22日
までとなる。

実施調査団（昭和51年11月13日～12月4日）

- 団 長 亀 谷 寿 彦（東邦大学医学部外科学教授）
団 員 田 村 浩 一（北海道対がん協会検診センター所長）
" 安部井 徹（東邦大学医学部内科学助教授）
" 石 田 幸 男（JICA医療協力第2課）

巡回指導チーム（昭和53年8月12～8月26日）

- 団 長 亀 谷 寿 彦（東邦大学医学部外科学教授）
団 員 森 下 鉄 夫（慶応大学医学部助手）
" 林 典 伸（JICA医療協力部医療第2課）
（注1） ブラジルのカトリック大学成人病研究所プロジェクトとの合同巡回指
導でブラジルを含めた派遣期間は8月5日からとなる。
（注2） 安部井徹東邦大学教授が専門家としてチームと行動をとりにした。

エバクエーション調査団（昭和55年2月1日～2月22日）

- 団 長 亀 谷 寿 彦（東邦大学医学部外科学教授）
団 員 安部井 徹（東邦大学医学部内科学教授）
" 大 倉 理（JICA医療協力部医療第二課）

機材修理チーム（昭和56年1月23日～2月22日）

- 団 員 多 和 俊（サクラ精機株式会社）
" 渡 辺 秀 雄（東芝メディカルサービス株式会社）

計画打合せチーム（昭和56年7月31日～8月14日）

団 長 安部井 徹（東邦大学医学部内科学教授）

団 員 川 村 貞 夫（東邦大学医学部病理学教授）

” 大 倉 理（JICA医療協力部医療協力課）

(2) 専門家の派遣

I ポリヴィア消化器疾患研究対策プロジェクトに対する専門家派遣

1. 年度別派遣人数

会計 年度	新 規			継 続			①+② 計
	長期	短期	① 小計	長期	短期	② 小計	
52	2	10	12名	-	-	-	12
53	2	8	10名	2	4	6	16
54	3	7	10名	4	6	10	20
55	1	10	11名	4	5	9	20
56	2	(注1) 24	26名	2	4	6	32
(52~56) 小計	10	59	69名	12	19	31	100
57				2	2	4	
合 計							

(注1) 24名のうち15名は日本・ポリヴィア消化器疾患合同会議に参加のため派遣された。

2. 新規専門家派遣分野別内訳（52～56年度）

分 野	派 遣 期 間					計 (%)
	1ヶ月 未 満	1～3ヶ月 未 満	3～6ヶ月 未 満	6～1年 未 満	1年以上	
内 科	5	2	3		4	14 (20)
外 科	5		5			10 (14)
病 理	4		2	13		19 (28)
放 射 線	4	3	3	5	3	18 (26)
公衆衛生	3				1	4 (6)
そ の 他	2				2	4 (6)
合 計	(33%) 23名	(7%) 5名	(19%) 13名	(26%) 18名	(15%) 10名	69名(100)

ポリビア消化器疾患研究対策プロジェクトに対する専門家派遣

分野	昭和52年度	昭和53年度	昭和54年度	昭和55年度	昭和56年度	昭和57年度
医療アドバイザー	9/6		Dr. 井上		3/31	
業務調整					6/28 Sr. 田 臥	1/15
					11/6 11/15 Sr. 中川	
					1/22 2/6 Sr. 大倉	
公衆衛生				7/18 7/25 2/27 Dr. 村田	Dr. 村田	8/31
				9/9 9/29 Dr. 村田		
					1/22 2/5 Dr. 中次	

分野	昭和52年度	昭和53年度	昭和54年度	昭和55年度	昭和56年度	昭和57年度
内科	12/20 └───┘	Dr. 保坂	5/3 └───┘		1/22 2/5 └───┘ Dr. 保坂	
	12/30 2/23 └───┘ Dr. 安部井	8/11 9/4 └───┘ Dr. 安部井	6/16 6/15 └───┘ Dr. 古部	4/20 Dr. 杉本 4/19 └───┘	12/20 2/5 └───┘ Dr. 古部	
			4/20 Dr. 杉本 4/19 └───┘	1/6 Dr. 三好 1/5 └───┘	1/22 2/5 └───┘ Dr. 杉本	
				7/8 7/25 └───┘ Dr. 菅野		
				9/2 1/17 └───┘ Dr. 菅野		
					5/10 8/9 └───┘ Dr. 大塚	
					9/18 3/11 └───┘ Dr. 水入	
					1/22 2/5 └───┘ Dr. 白井	
外科	12/30 3/29 └───┘ Dr. 大谷	6/16 9/15 └───┘ Dr. 小林	3/15 6/14 └───┘ Dr. 吉雄	1/6 4/5 └───┘ Dr. 柳田	1/22 2/4 └───┘ Dr. 吉雄	
				12/15 4/14 └───┘ Dr. 伊藤	1/22 2/4 └───┘ Dr. 柳田	
					11/6 11/12 └───┘ Dr. 亀谷	
					1/22 2/4 └───┘ Dr. 亀谷	
					1/22 2/5 └───┘ Dr. 鳥越	

分野	昭和52年度	昭和53年度	昭和54年度	昭和55年度	昭和56年度	昭和57年度
病理	<p>12/20 4/5 Dr. 川村</p> <p>3/21 Dr. 辻本 10/20</p> <p>10/14 5/13 Dr. 一森</p> <p>3/21 Sr. 杉山 10/20</p> <p>12/30 3/29 Sr. 井手</p>	<p>10/14 5/13 Sr. 長嶺</p>	<p>4/20 11/9 Dr. 海老原</p> <p>4/20 11/19 Dr. 田村</p>	<p>1/6 7/5 Dr. 跡部</p> <p>1/6 7/5 Sr. 石野</p>	<p>1/22 2/5 Dr. 福永</p> <p>1/22 2/4 Dr. 跡部</p> <p>2/6 8/5 Dr. 工藤</p> <p>2/6 8/5 Sr. 田口</p> <p>7/31 1/30 Dr. 佐川</p> <p>7/31 1/30 Sr. 中田</p> <p>1/22 2/2 Dr. 志方</p> <p>1/22 2/5 Dr. 柴田</p>	
精神病理学						
生化学				<p>1/6 7/5 Dr. 太田</p>		

分野	昭和52年度	昭和53年度	昭和54年度	昭和55年度	昭和56年度	昭和57年度
放射線	<p>12/20 — 6/25 Sr. 掛川</p> <p>12/30 — 3/29 Sr. 泉</p>	<p>6/10 — 6/9 Sr. 石井</p> <p>6/16 — 6/15 Sr. 山内</p> <p>1/6 — 7/5 Sr. 鈴木</p> <p>1/23 — 6/20 Sr. 石岡</p>	<p>7/8 — 7/25 Sr. 野沢</p> <p>9/2 — 3/1 Sr. 野沢</p> <p>12/15 — 6/14 Sr. 岩淵</p>	<p>4/17 — 4/16 Srta. 鈴木</p> <p>11/30 — 4/29 Sr. 速水</p> <p>1/22 — 2/5 Dr. 田村</p> <p>1/22 — 2/3 Dr. 木戸</p>		
放射線据付	<p>12/20 — 2/23 Sr. 梶谷</p> <p>12/20 — 3/29 Sr. 村越</p>	<p>3/15 — 4/9 Dr. 田村</p>	<p>3/1 — 4/30 — 7/22 — 8/30 Sr. 渡辺 Sr. 渡辺</p>			<p>6/18 — 8/1 Sr. 渡辺</p>

(3) カウンターパートの受入れ

II ポリヴィア消化器疾患研究対策プロジェクトの研修員受入れ状況

1. 年度別受入数

会計 年度	内訳	ラパス センター	スクレ センター	コチャンバ センター	その他 (厚生省ほか)	計
52		2	2	1	2	7名
53		3		1		4名
54		2	2	1		5名
55		3		1		4名
56			3	1		4名
57		3	1	3		7名
合計		13	8	8	2	31名

2. 分野別受入れ数(52~57年度)

受入 期間 分野	受入期間					計
	1ヶ月未満	1ヶ月以上 } 3ヶ月未満	3ヶ月以上 } 6ヶ月未満	6ヶ月以上 } 1年未満	1年以上	
内科			2	3	5	10
外科			3	6	2	11
病理			2	3		5
放射線			1			1
生化学				1		1
臨床検査				1		1
医療事情 視察等	2					2
合計	2	0	8	14	7	31

ポリプリア国消化器疾患研究対策プロジェクトカウンタースターの受入れ実績

年度	氏名	研修期間	主たる 研修機関	備考
52 (7名)	DR. Dorian Gorena	52. 7.12~52. 7.24	東邦大学	医療事情視察 (当時次官, 現大臣)
	DR. Federico Aliaga	52. 7.15~52. 7.30	"	" (サンアンドレス大学教授)
	DR. Guido Edmundo Villagomez	52. 7. 8~53. 6.30	"	内科 (ラパスセンター)
	DR. Edgas Roberto Muñoz	52. 7. 8~53. 6.30	"	外科 (スクレセンター所長)
	DR. Luis Perez Chacon Heredia	53. 2. 9~53. 8. 5	"	内科 (スクレ)
	DR. Javier Armando Pabon Aliaga	53. 2. 9~54. 2. 8	"	内科 (ラパスセンター)
	DR. Jaime Saravia Burgos	"	"	" (コチャバンバセンター副院長)
53 (4名)	DRa. Olga Marina Fugita Orias	54. 1.15~54. 7.15	東邦大学	臨床検査 (ラパスセンター)
	DR. Otto Fernandez	53. 9.24~54. 3.27	"	外科 (")
	DR. Carlos C. Trujillo Morales	"	"	" (")
	DR. Oswaldo Carvallo Angulo	"	"	外科 (コチャバンバセンター所長)
54 (5名)	DR. Carlos Alcocer	54. 6.17~55. 5.31	東邦大学	内科 (スクレ・センター)
	DR. Jorge Santa Cruz Cabrera	"	"	外科 (ラパス・センター)
	DR. Abel Acosta C.	54. 6.17~55. 1.14	"	病理 (コチャバンバセンター)
	DR. Jose Manuel Gutierrez	54. 6.17~55. 1. 6	"	病理 (スクレ・センター)
	DR. Fernando A. Puentez Vacaflo	54. 6.17~55. 1. 6	"	病理 (ラパス・センター)

註) 上記個別の他に, 集団コース (早期胃がん診断コース, 54.10.26~54.12.22) に DR. Martinez M. Marcio Javier (ラパスセンター) が参加。

年 度	氏 名	研 修 期 間	主 たる 研 修 機 関	備 考
55 (4名)	DR. Hector Aranibar Salamanca	55. 6.30~55.12.19	東邦大学	外科 (コチャバンバ・センター)
	DR. Juan Luis Uria Ibanez	55. 6.30~55.12.21	"	内科 (ラパス・センター)
	Sr. Rodoelo Mariaca Morales	"	"	放射線 (ラパス・センター)
	Dr. Carlos Jack Antelo Soliz	"	"	外科 (ラパス・センター)
56 (4名)	DR. Maria Telesa Rivera	56. 6. 3~56.11.24	東邦大学	病理 (スクレ・センター)
	DR. Jorge Enrique M. Masrta	"	"	病理 (コチャバンバ・センター)
	DR. Gerardo Rias Garcia	"	"	外科 (スクレ・センター)
	DR. Ismael Soriano Melgares	56. 6. 3~57. 5.25	"	内科 (スクレ・センター)
57 (7名)	※ DR. Javies Estensoro Lemaitrz	57. 4.22~58. 3.28	東邦大学	※無償資金協力のカウンターパートとして
	DR. Ciro Zabala Canedo	"	"	外科 (コチャバンバ・センター)
	DR. Marcio M. Martinez	57. 9. 2~58. 9. 1	"	内科 (ラパス・センター)
	DR. Gonzado Novillo Guzman	"	"	外科 (コチャバンバ・センター)
	DR. Peregrin Alpire Coronado	"	"	内科 "
	DR. Rene Fortune	"	"	" (スクレ・センター)
	DR. Modesto Valle Camacho	"	"	外科 (ラパス・センター)
DR. Rene Rojas Ledezma	57. 9. 2~58. 3. 1	"	三宿病院 生化学 (")	

年度	氏名	研修期間	主たる研修機関	備考
(別 粹)	DR. Arnold Hojman-Bang Soletto	57. 5. 9~57. 5. 15		医療事情視察(当時厚生大臣, タ-所長)
	DR. Gustavo Tabesa de Paoli	"		" (厚生省次官)
	Sra. Mery Cassasco	"		" (外務省国際機関局長)

(4) 機材の供与

Ⅲ ポリヴィア消化器疾患研究対策プロジェクトに対する機材供与
年度別供与額

会計年度	供与額 (単位千円)
52	81,222
53	154,165
54	83,173
55	(38,237千円)+61,048 99,285
56	59,543
小計	477,388
57	※ (50,000)
合計	※ (527,388)

※計画額

ポリウイア消化器疾患研究対策プロジェクトに対する機材供与

(年度別主要機材)

(注)主要機材とは単価が50万円以上の機材。

年度	機 材 名	単 価	数 量	備 考
52	生検用ガストロファイバースコープ (オリンパスGFタイプB2)	1,098,000	3	
	斜視型ファイバースコープ (オリンパスGIFタイプK)	1,129,500	3	
	太陽ファイバースコープ (オリンパスCFタイプLB3)	1,611,000	1	
	光源装置 (オリンパスCLS-F)	1,080,000	3	
	東芝遠隔操作式X線テレビ装置 (MAI)	18,971,000	1	
	東芝近接操作式X線テレビ装置 (MCI)	10,572,000	2	
	自動現像機 (サクラQ×130)	2,650,000	1	
	摘出標本撮影台 (SFC M-130)	650,000	1	
	自動固定包埋装置 (サクラ精機RH-12D)	690,000	1	
	マイクローム刃自動研磨機 (サクラ精機MN-72)	730,000	1	
	サクラクリオスタットコールドトーム (CM-41)	1,650,000	1	
	スライド作成装置 (ナショナルパナコピーKV3700)	1,423,660	1	
	車輛 (トヨタステーションワゴン) (ランドクルーザー)	2台で 3,804,150	2	ラバスセンター

年度	機 材 名	単 価	数 量	備 考
53	電動式直腸鏡検査ベッド (ユフK-701)	円 1,400,000	1	
	ベッドサイドモニター (三栄測器2E31A)	1,308,420	2	
	オートクレーブ (サクラ精機FBA-652PCE)	5,684,000	1	
	オートクレーブ (サクラ精機FA-360-BE)	2,254,000	1	
	食道内圧測定装置 (三栄測器180システム)	912,150	1	
	病理学用切出台 (ダルトンPS型)	1,077,500	1	
	ドラフトチャンバー (ダルトンDE-3型)	829,510	1	
	オリンパス直視型ファイバースコープ (GIFタイプP2)	936,000	2	
	オリンパス小腸ファイバースコープ (SIFタイプB)	1,341,000	2	
	オリンパス胆道ファイバースコープ (CHFタイプB3)	756,000	3	
	オリンパス大腸ファイバースコープ (TCFタイプIS)	1,071,000	3	
	オリンパス2チャンネル処置用ガストロ スコープ(TGFタイプ2D)	1,521,000	3	
	オリンパス高周波焼灼電源装置 (UES)	882,000	3	
	オリンパスフラッシュ型キセノン光源装 置(COLX-F)	1,849,500	2	
	腹腔鏡Aセット	814,500	3	
	東芝多軌道断層撮影装置 (LGS-特型)	14,650,000	1	

年度	機 材 名	単 価	数 量	備 考
53	東芝外科用X線TV装置 (S×T-6型)	円 8,250,000	1	
	X線予備管球 (DRX-190A)	850,000	2	
	生物顕微鏡 (日本光学XB-21)	503,500	1	ラパスセンター
	オリンパス十二指腸ファイバースコープ (JFBB)	1,390,000	1	"
	オリンパス小腸ファイバースコープ (SIF-B)	1,490,000	1	"
	光源装置 (オリンパスGLSF)	1,280,000	1	"
	9インチコンパクトX線テレビ (東芝KAR型)	19,595,000	1	"
	一般撮影用X線装置 (東芝)	2,730,257	1	"
	手術台 (丸山MIK万能型S-7型)	1,480,000	2	"
	麻酔器(アコマPH-3)	1,250,000	2	"
	生物顕微鏡 (日本工学XF-21)	532,000	1	コチャバセンター
	摘出標本撮影台 (SFC-M-130)	724,000	1	"
	自動固定包埋装置 (サクラ精機RH-12D)	750,000	1	"
	ミクローーム刃自動研磨機 (サクラ精機MN-72)	730,000	1	"
	パラフィン熔融器 (サクラ精機PK-3)	610,000	1	"
オリンパス十二指腸ファイバースコープ (JF-B3)	1,390,000	1	"	

年度	機 材 名	単 価	数 量	備 考
5 3	オリンパス大腸ファイバースコープ (CF-LB3)	円 1,590,000	1	コチャバンバセンター
	自動現像装置 (サクラDX130)	2,150,000	1	"
	オリンパス十二指腸ファイバースコープ (JF-B3)	1,390,000	1	スクレセンター
	オリンパス大腸ファイバースコープ (CF-LB3)	1,590,000	1	"
5 4	東芝超音波診断装置 (リニヤ式電子走査形SAL-10)	8,780,000	2	
	東芝X線テレビモニター	783,900	1	コチャバンバセンター
	東芝X線予備管球 (DRX-190D)	895,000	1	"
	スライド作成機 (ナショナルパナコピーKV-3700)	1,056,000	1	"
	紫外可視分光々度計 (日立100-2112)	1,200,000	1	ラバスセンター
	紫外可視分光々度計 (日立100-2002)	810,000	1	"
	小形冷却遠心機 (日立05PR-22)	606,000	2	"
	臨床検査用クロライドカウンター (平沼CL-5M)	810,000	1	"
	自動炎光々度計 (日立775型)	3,543,000	1	"
	全自動デンシトロンメーター (常光20-M)	1,820,000	1	"
	セルローズアセテート膜用電気泳動装置 (常光238)	681,000	1	"
	自動熱風乾燥器 (サクラ精機NK-41E)	994,350	1	"

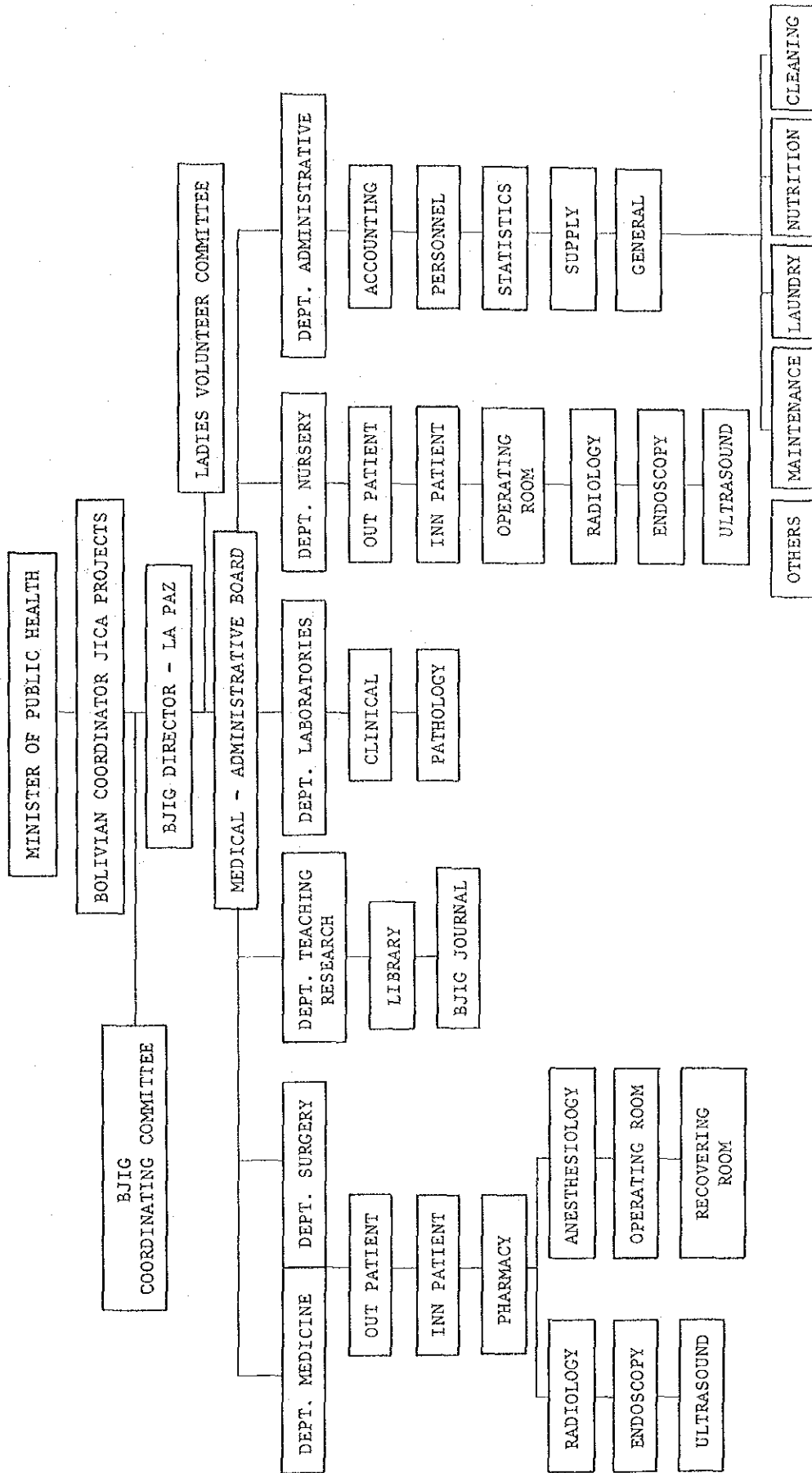
年度	機 材 名	単 価	数 量	備 考
54	自動血球計算装置 (東亜医用電子CC-120)	4,460,000	1	ラパスセンター
	リパーゼアミラーゼ専用分析システム (京都第一科学)	1,790,000	1	"
	硬水軟化装置 (カリガンマーク5000型)	600,000	2	"
	デュープフリーザー (サクラ精機FG-280A)	1,350,000	1	"
	胃ファントム (京都科学標本)	720,000	1	"
	デュープフリーザー (サクラ精機FG-280A)	1,350,000	1	スクレセンター
	東芝X線テレビモニター	783,900	1	"
	東芝X線予備管球 (DRX-190D)	895,000	1	"
	スライド作成機 (ナショナルパナコビ-KV-3700)	1,056,000	1	"
	車輛(トヨタランドクルーザー)	2,062,500	1	"
55	東芝血管撮影装置	37,800,000	1式	コチャバンバセンター
	デュープフリーザー (サクラ精機FG-280A)	1,351,000	1	"
	内視鏡用光源 (オリンパスCLX-F)	1,950,000	1式	"
	ドラフトチャンバー (ヤマトKDS-120)	1,070,000	1式	スクレセンター
	オリンパス斜視型ガストロファイバース コープ(GIF-K2)	1,259,450	1式	ラパスセンター
56	東芝血管撮影装置	37,800,000	1式	"
	人工呼吸器 (アコマART-1500)	3,166,000	1式	"

年度	機 材 名	単 価	数 量	備 考
56	心電計 (日本光電 ECG-5303)	928,000	1式	スクレセンター
	体外式心臓ペースメーカー (東機貿 TE-100)	554,000	1式	"
	人工呼吸器 (アコマ ART-1500)	3,166,000	1式	"
	乾熱滅菌器 (平山 DT-100e)	600,000	1式	"
	心電計 (日本光電 ECG5303)	928,000	1式	コチャバンバセンター
	乾式複写機 (リコー DT-650)	802,000	1式	"
	車輛 (ニッサンパトロール)	1,980,000	1台	"
57	東芝血管撮影装置	37,800,000	1式	スクレセンター
	乾熱滅菌器 (平山 DT-100e)	667,000	1式	ラパスセンター

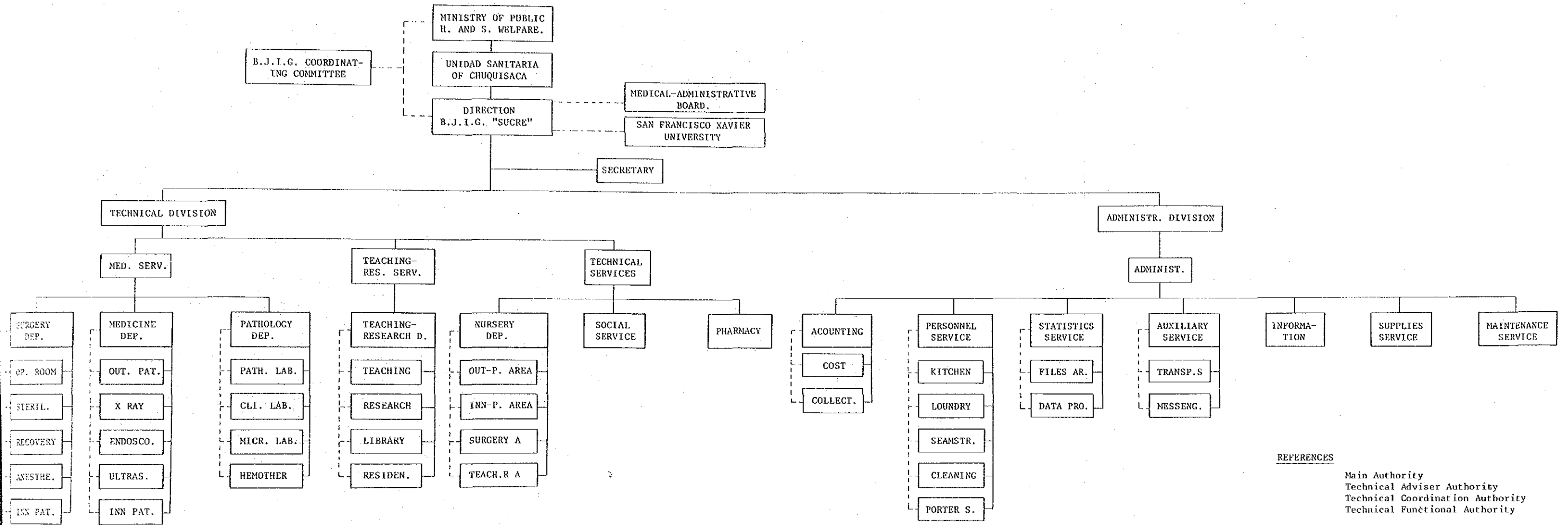
資料 3. 3 センター の 組織 図

1) ラバース消化器疾患研究センター

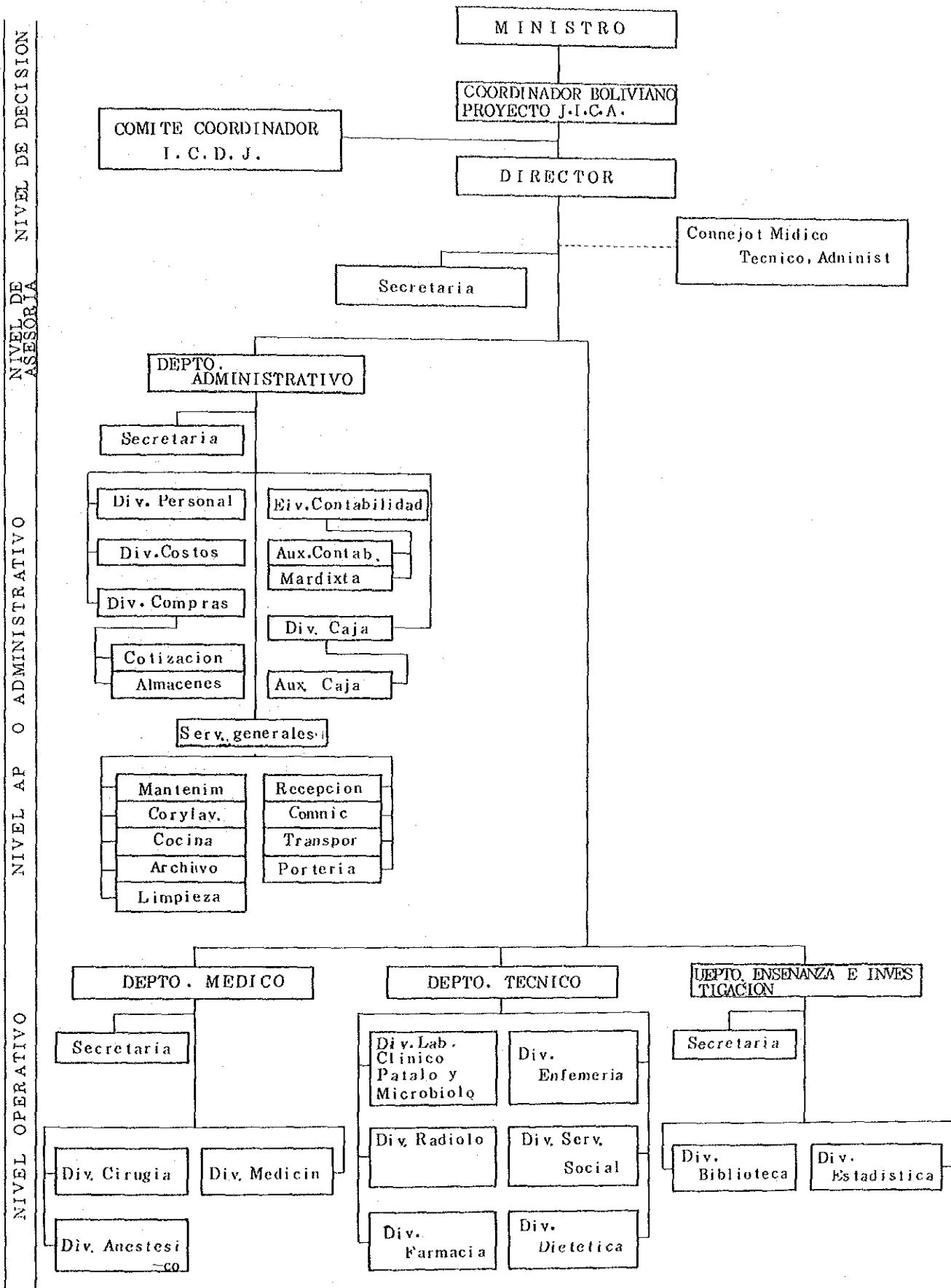
PERSONNEL CHART



2) スクレ消化器疾患研究センター



3) コチャパンバ消化器疾患研究センター



資料 4. その他統計

1. コチャバンバ消火器疾患研究センター 階層別入院患者統計

(1982年1月から同年6月まで)

入院患者総数	階 層					
	A	B	C	D	E	O
384	246	32	67	13	16	10
比率 (%)	64	8	17	5	4	2

A 100%

B 75%

C 50%

D 25%

E 0% (薬及び輸血のみ支払う患者)

O 0% (全経費を免除される患者)

(注1) コチャバンバ消化器疾患研究センターのみならずラパス及びスクレセンターにおいても入院患者の診療及び入院費を決定する場合には、予め各センターに勤務するソーシャル・ワーカーが患者に対し経済・社会状況(家族構成、収入等)を調査し、その結果により5及至6階級に区分している。

(注2) ソーシャル・ワーカーの患者に対する調査表は以下の通り。

HISTORIA CLINICA Nº -----

CASO: O ----- B ----- C -----

CATEGORIA ECONOMICA: -----

F I C H A S O C I A L

I.-DATOS GENERALES

 Apellido Paterno Apellido Materno Nombres
 Edad ----- Sexo ----- Estado Civil ----- Ocupación -----
 Dirección ----- Zona ----- Localidad -----
 Fecha de Ingreso ----- Fecha de Alta -----
 Diagnóstico -----

II.-GRUPO FAMILIAR

(学 歴)							
Nº	Nombre y Apellido	Parentesco	Edad	Grado Instruc.	Ocupación	Ingreso Mensual	Observ.
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

Referencias de la persona responsable:

Nombre ----- Dirección ----- Telf. -----

III.-DATOS DE LA VIVIENDA

Propia ----- Alquilada ----- Anticrético ----- Cedida -----

Nº de Habitaciones ----- Luz ----- Agua ----- Alcantrillado -----

IV.-ASPECTO ECONOMICO

Total Ingreso Familiar \$b. ----- Total Egreso \$b. -----

OBSERVACIONES: -----

 Trabajadora Social

2. ラパスセンターの入院統計

INPATIENT CHART

YEARS	BED DISPONIBILITY	ADMITTED PATIENTS	DEADS	PATIENT PERMANENCY AVERAGE	BED OCCUPATION
TOTAL	1,110	1,431	73	10	○ S: 64,0 M: 26,5
1979 +	30x7 * 210	172	9	12	○ SM: 31,2
1980	30x12 * 360	490	31	10	○ S: 63,8 M: 27,2
1981	30x12 * 360	515	20	10	○ S: 64,2 M: 26,9
1982 (First Half year)	30x6 * 180	254	13	10	○ S: 62,2 M: 32,3

* 30 BEDS x N° OF MONTHS

○ S = SURGERY
M = MEDICINE

+ 1979 SURGERY STARTED IN JULY
MEDICINE STARTED IN JUNE

3. スクレ消化器疾患研究センターのベッド稼働率等

GENERAL COMPARATIVE CHART

ADMINISTRATIVE SERVICES

	1980	1981	1982
<u>Maintenance</u>			
• Repairs	68	143	110
<u>Maintenance</u>			
• New Installations	37	39	14
Laundry			
• (Kgrs)	--	13.866	13.836
Bed Occupation average	--	40.1	46.7
Bed Occupation average Dept. of Medicine	--	--	37.08
Bed Occupation average Dept. of Surgery	--	--	62.92
Mortality Rate	--	3.2	1.5
Stay Days average	--	9.5	9.5

4. コチャパンバ消化器疾患研究センターの内視鏡，手術，病理及び臨床検査に関する統計

4-1 内視鏡

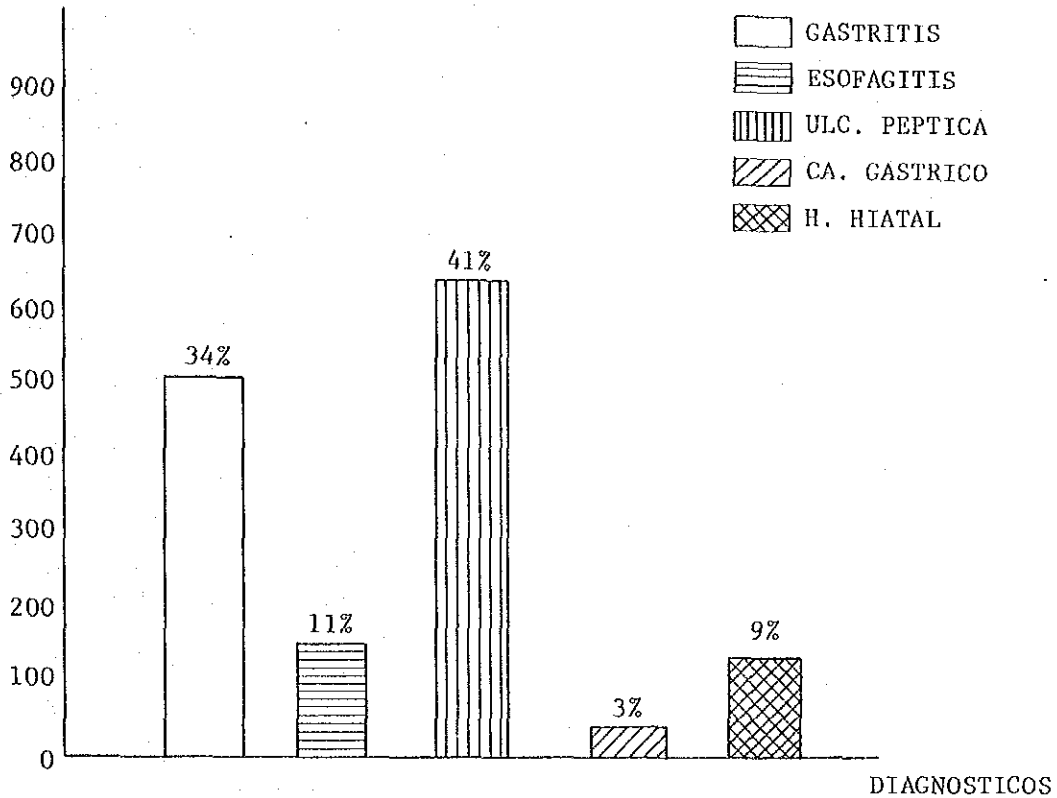
CUADRO ESTADISTICO

SERVICIO ENDOSCOPIA

ENSCOPIAS		1978	1979	1980	1981	TOTAL
A L T A S	MASCULINO	82	152	165	424	823
	FEMENINO	48	89	103	322	562
	TOTAL	130	241	268	746	1385
B A J A S	MASCULINO	0	13	24	55	92
	FEMENINO	0	5	14	69	88
	TOTAL	0	18	38	124	180

DIAGNOSTICOS MAS FRECUENTES

TOTAL 1565 ENDOSCOPIAS



ENDOSCOPIA	ULCERA PEPTICA		646 CASOS	
sexo				
diagnostico	♂	♀	total	%
ULCERA GASTRICA	145	83	228	35.3%
ULCERA DUODENAL	265	99	364	56.5%
ULCERA GASTRODUODENAL	29	25	54	8.2%
Total	439	207	646	100.0%

4-2 手術内容(1978年5月~1981年12月まで)

PROCEDIMIENTOS QUIRURGICOS

CIRUGIA	男 性	女 性	TOTAL
食 道			
ESOFAGO GASTROSTOMIA	1	1	2
INTERPOSICION DE COLON	1		1 4
ESOFAGO CARDIOMIOTOMIA	1		1
TRANSECCION ESOFAGICA			
胃			
GASTRECTOMIA PARCIAL	2	1	3
GASTRECTOMIA PAR. + VAGOT.	5		5
GASTRECTOMIA TOTAL	2	2	4 18
HERNIA HIATAL	2		2
GASTROYEYUNOANASTOMOSIS	3		3
SUPRASELECTIVA		1	1
IDELG., 結腸 Y 直腸			
ENTEROLISIS	2	2	4
RESECCION ANTERIOR	9	4	13
HEMICOLECTOMIA	1	2	3
COLOTOMIA + POLIPECTOMIA	1		1
HEMORROIDECTOMIA	3		3
APENDICE			
APENDICECTOMIA 虫垂切除術	14	14	28

PROCEDIMIENTOS QUIRURGICOS

CIRUGIA	男 性	女 性	TOTAL
肝臓 , 胆のう Y V.B.			
DRENAJE ABSCESO	1		1
HEPATOMA		1	1
COLECISTECTOMIA	39	65	104
COL. EXPLORACION DE V.B.	16	30	46
DERIVACION BILIODIGESTIVA		3	3
すい臓			
PANCREATECTOMIA PARCIAL		2	2
DRENAJE PSEUDOQUISTE		1	1
ヘルニア			
HERNIORRAFIA INGUINAL	9	3	12
HERNIORRAFIA CRURAL	1		1
HERNIORRAFIA UMBILICAL	1	4	5
HERNIORRAFIA EPIGASTRICA	2	2	4
内腹部の腫物			
EXTIRPACION	1	1	2
OTROS	6	10	16
TOTAL	123	149	272

4-3 病理診断内容(1978年5月~1981年12月)

PATOLOGIA

ORGANO	P. QUIRURGICA	BIOPSIA	TOTAL
CASOS	N°	N°	N°
ESOFAGO	3	34	37
ESTOMAGO	12	397	409
DUODENO	0	33	33
INT. GRUESO	14	93	107
APENDICE	54	0	54
HIGADO	5	29	34
V. BILIARES	103	0	103
PANCREAS	3	7	10
OTROS	29	15	44
TOTAL	223	608	831

4-4 臨床検査件数及び内容(1981年4月~12月)

月	生化学	血液	尿	寄生虫	ESPECIA	TOTAL	
1981	件数					N°	P. %
4月		7	4	3		14	0.2
5月	8	53	32	23	13	129	2.4
6月	244	109	73	54	18	498	9.3
7月	238	125	98	69	37	567	10.6
8月	267	154	106	92	57	676	12.7
9月	265	173	114	120	58	730	13.7
10月	386	191	158	119	49	903	17.0
11月	392	216	162	142	41	953	17.9
12月	330	183	129	140	49	831	15.6
TOTAL	2130	1211	876	762	322	5301	100%

なお、超音波診断は、1980年5月に開始され、1980年5月から1981年12月の診断件数は532件を行い、主な診断は胆のう病理と産婦人科に用いられた。

資料 5. 無償資金協力による医療機器リスト

(1) スクレ消化器疾患研究センター

FIRST FLOOR

EXAMINATION ROOMS (3)

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
1	Examination Couch	1800 x 600 x 600		3
2	Film Illuminator	14" x 17"/2-unit	220V/50Hz., Single 2A	3
3	Washing Basin Stand	For one basin/φ32	with basin	3
4	Examination lamp	Slide volum control	220V/50Hz., Single 50V	3
5	Sphygmomanometer	Mercurial Stand		3
6	Diagnostic Instrument Set	16-item	YUFU or Equal	3

TREATMENT ROOM

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
1	Treatment Bed with Arm rest	1800 x 600 x 600	with pillow	1
2	Examination Lamp	Slide volum control	220V/50Hz., Single 50V	1
3	Instrument Tray Stand	680 x 405 x 800	with trays	1
4	Instrument Cabinet	900 x 360 x 1700	Stainless steel	1
5	Prescription Counter Cabinet	300 1200 x 600 x 1650	Steel	1
6	Working Table	900 x ⁶⁰⁰ / ₅₀₀ x 850	Stainless steel top	1
7	Instrument Boiling Sterilizer	400 x 200 x 150	220V/50Hz., Single 1.2KW, Desk Model	1
8	Washing Basin Stand	For one basin/φ32	with basin	1
9	Irrigator Stand	For Double hook	with casters	1
10	Treatment Instrument Set	10-item	YUFU or Equal	1

ENDOSCOPE ROOMS (2)

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
1	Gastrointestinal Fiberscope, w/out Camera	For accurate and rapid observation Ref.No.GIF-K	OLYMPUS, MACHIDA	1
2	Gastrointestinal Fiberscope, w/out Camera	For examination and biopsy Ref.No.GIF-P2	OLYMPUS, MACHIDA	1
3	Colonofiberscope, w/out camera	For routine examination and therapeutic use Ref.No.CFMB-3R	OLYMPUS, MACHIDA	1
4	Lecturescope	Ref.No.LS-2	OLYMPUS, MACHIDA	1
5	High Intensity Cold Light Supply	Ref.No.CLXP	220V/50Hz., Single 500W, OLYMPUS, MACHIDA	1
6	High Intensity Cold Light Supply	Ref.No.CLSF	220V/50Hz., Single 150W, OLYMPUS, MACHIDA	1
7	Endoscope Table	Ref.No.SHK-72B		1
8	Fiberscope Cabinet			1
9	Electric Suction Unit	with stand	220V/50Hz., Single 50W	1

PROTOSCOPE ROOM

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
1	Protoscope Table	Ref.No.SHK-72B(S)		1
2	Kodaira's Protoscope Set	Ref.No.K-303	w/transformer	1
3	Rectal Retractor	Large, Medium	each	2
4	Electric Suction Pump	with stand	220V/50Hz., Single 50W	1
5	Examination Lamp	Slide volum control	220V/50Hz., Single 50W	1

X-RAY DEPT.

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
1	Surgical X-Ray TV Unit	Ref.No.SXT-6 TOSHIBA	220V/50Hz, single 1.7KVA	1
2	Remote Control X-Ray TV Unit, Contents: 1) High Tension Generator 1 DG-15FA-2 2) X-Ray Tube 1 DRX-191D 3) Diagnostic Table (S) 1 DT-MAI 4) Remote Controller (\$) 1 DTC-MAI 5) Controller 1 CC-AI 6) Image Intensifier, 9" 1 I.I. 7) Optical System 1 OP-S91 8) TV Camera 1 MTV22CS 9) TV Monitor 2 TVM-17A 10) Monitor Trolley 1 FDG-004B 11) Photo Timer 1 PT-21A 12) Spare X-Ray Tube 1 DRX-190A	Ref.No.MAI, TOSHIBA	220V/50Hz, single 30KVA	1
3	General and Tomography X-Ray Unit, Contents: 1) High Tension Generator 1 DG-15FA-2 2) X-Ray Controller 1 DC-15KM 3) X-Ray Tube 1 DRX-190A 4) Multileaf Collimator 1 TF-6TL 5) Floor-Ceiling Rail type X-Ray Tube Support Unit 1 DS-TA 6) Bucky Table 1 DT-BT(S) 7) Reader Vertical Cassette Stand 1 MITAYA(S) 8) Universal Rayer-Graph 1 LGS(S) 9) Spare X-Ray Unit Parts 1 lot	X-Ray TOSHIBA	220V/50Hz, single 30KVA	1

DARK ROOM

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
1	Automatic Film Processor	Ref.No.QX-130	220V/50Hz, single 3KVA	1
2	Protective Apron	MAVIC		3
3	Protective Glove			2
4	Light Weight Cassette, 35.6 x 35.6 cm. 30 x 24 24 x 18		w/intensifying screen - do - - do -	5 30 15
5	Dosimeter		100 mm	4
6	Chamber for Dosimeter			1
7	Sterile Disposable Infusion Set			50
8	Examination Lamp	Slide volum control	220V/50Hz., Single 50W	2
9	Barium Mixer		220V/50Hz., Single	1

X-RAY FILM STORAGE

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
1	Film Preserving Cabinet	850 x 450 x 1300	Pb 1.0 mm	1
2	Film Cabinet	540 x 620 x 1330		1
3	Film Hanger Trolley	400 x 500 x 600		1
4	Cassette Trolley	450 x 550 x 600		1

X-RAY FILM LECTURE'S ROOM

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
1	Film Illuminator, Mobile type	14" x 17"/12-unit	220V/50Hz., Single 11A	1
2	Film Illuminator, Wall Hanging type	35.6 x 35.6 cm., 12-unit	220V/50Hz., Single 11A	1

ENDOSCOPIC FILM LECTURE'S ROOM

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
1	Endoscopic Film Projector	Ref.No.1023	220V/50Hz., Single ^{300W}	1

INSTRUMENTS STORAGE

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
1	Instrument Cabinet	1220 x 420 x 1800	Stainless steel	1

SECOND FLOORDOCTOR'S ROOM

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
1	Film Illuminator, Mobile type	14" x 17"/8-unit	220V/50Hz., Single 8A	1

RECOVERY ROOM

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
1	Recovery Bed	2030 x 800 x 1050	with I.V.pole, Cylinder receptacle	2
2	Oxygen Tent		220V/50Hz., Single 400VA	1
3	Examination Lamp	Slide volum control	220V/50Hz., Single 50W	2
4	Heart Monitor	with Trolley, TOSHIBA	Ref.No.BSM-1HA 220V/50Hz., Single 1A	2
5	Low Pressure Continuous Suction Unit		220V/50Hz., Single 3W	2
6	Foot Stool	For two-step		2
7	Sphygmomanometer	Mercurial Stand	with casters	2
8	Irrigator Stand	For Double hook	with casters	4
9	Wheel Stretcher	1960 x 600 x 755		1
10	Treatment Carriage	590 x 420 x 800		1

OPERATION ROOMS (2)

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
1	Universal Operating Table	Hydraulic Oil Pump System	Model 3-56. For surgical X-Ray TV.	2
2	Suction Bottle Frame	Rubber Bumper	with casters	2
3	Electro-Surgical Unit		220V/50Hz., Single 6A	1
4	Operating Room Light	Stand Model, #58	4-bulb, 220V/50Hz., Single 160W	2
5	Anesthesia Apparatus, Contents: 1) Vaporizer..... 1 2) Endotracheal Tube Set 1 3) Respirator, Electric 1 4) O ₂ Cylinder, Empty 1500 L.. 1 Empty 500 L.(Pin-Index) 1 5) N ₂ O Cylinder, Empty 7.5kg .. 1 Empty 2.5kg (Pin-Index) 1 6) Sodamine (1kg).30		220V/50Hz., Single 200VA	1
6	Anesthesia Apparatus, Contents: 1) Vaporizer 1 2) Endotracheal Tube Set 1 3) O ₂ Cylinder, Empty 1500 L.. 1 4) N ₂ O Cylinder, Empty 7.5kg .. 1			1

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
7	Endotracheal Catheter for Tracheotomy	18Fr. to 36Fr.	Set of 10 pcs.	2
8	Anesthesia Table	YUFU or Equal		2
9	Revolving Stool	Same		2
11	Footstool	For one-step, Same		6
12	Instrument Tray Stand	YUFU or Equal	with 3-tray	2
13	Kick Bucket	Same		4
14	Mayo Instrument Stand	Same		2
15	Irrigator Stand	For Double Hook, Same	with casters	6
16	Instrument Dressing Table	YUFU or Equal		2
17	Operating Knife Handle	No.3, Same		50
	Operating Knife Handle	No.4, Same		50
18	Operating Knife Blade	No.11, Same	Box of 100 pcs.	10
	Operating Knife Blade	No.21, Same	- do. -	10
19	Operating Scissors	Curved, blunt/blunt		15
	Operating Scissors	Straight, blunt/blunt		15
20	Backhaus Towel Forceps	11 cm.long		20
21	Mayo Dissecting Scissors	18 cm.long		6
	Mayo Dissecting Scissors	16 cm.long		6
22	Metzenbaum Scissors	20 cm.long		4
	Metzenbaum Scissors	16 cm.long		4
23	Tissue Forceps	with tooth, 13 cm.long		4
	Dressing Forceps	13 cm.long		10

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
31	Probe	24 cm.long		4
32	Grooved Probe			4
33	Cannula	HIEI pattern		4
34	Aneurism Needle		Set of Left & Right	2
35	Intestinal Clamp			4
36	Duodenal Clamp			4
37	Kelly Hemostatic Forceps	Small-curved		10
38	Esophageal Forceps	Large, KEIO Univ.pattern		2
	Esophageal Forceps	Small, KEIO Univ.pattern		2
39	Reflector	3-prong		2
40	Holder for Blood Vessel	Straight & Curved	2 pcs. each	4
41	Gastrointestinal Suturing Instrument Set	NAKAYAMA Pattern, Large & Small		2
42	Mosquito's Hemostatic Forceps	with tooth, Straight		10
	Mosquito's Hemostatic Forceps	without, Straight		10
43	Kelly Hemostatic Forceps	Large-curved		3
	Kelly Hemostatic Forceps	Medium-curved		3
	Kelly Hemostatic Forceps	Small-curved		3
44	Hook	Large		4
	Hook	Small		4
45	Fritsch's Abdominal Retractor	38 mm.		4

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
46	Intestinal Flexible Spatula	30 mm		4
	Intestinal Flexible Spatula	40 mm		4
47	Langenbeck Retractor	13 x 60 mm		4
	Langenbeck Retractor	25 x 60 mm		4
48	Kocher Retractor	two-prong		4
	Kocher Retractor	four-prong		4
49	Drain Removing Forceps	30 cm. long		2
50	Alli's Intestinal Forceps	18 cm. long		10
51	Babcock Intestinal Forceps			4
52	Rectal Speculum	improved type	Large & Medium	4
53	Gall Bladder Forceps			2
54	Gall Stone Forceps			2
55	Gall Stone Scope	Set of 4 pcs.		2
56	Rectal Retractor	Large, Medium & Small two each		6
57	Croup Probe			2
58	Catheter Removing Bill Stone	5 Fr.		5
59	Catheter Removing Bill Stone	6 Fr.		5
60	Basket Catheter			10
61	Urethral Stone Dislodger			5

C. S. S. D.

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
1	Small Sterilizer	For 6-drum, 780 x 1750 x 1200	220V/50Hz., Single 0.3KW 400V/50Hz., 3-phase 22.5KW	1
2	Surgical Glove Conditioner	1060 x 510 x 900	220V/50Hz., Single 450W 1kW	1
3	Needle Washer			1
4	Instrument Cabinet	1220 x 450 x 1800		4
5	Instrument Cabinet	920 x 420 x 1700		1
6	Ejecta-Shelf	1070 x 460 x 1590		3
7	Instrument Tray	360 x 300 x 40	with lid	10
8	Dressing Case	360 x 300 x 75		10
9	Working Table	1100 x 1500 x 800	Stainless steel	2

PREPARATION ROOM FOR O.R.

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
1	Compact Steam Sterilizer	with trolley	220V/50Hz., Single 2.8KW 2kW	1
2	Washing Basin Stand	For two-basin, ϕ 32	with basins	4
3	Soap Dispenser	Wall type		2
4	Brush Sterilizer Box	For 10-brush		2
5	Nail Brush			50
6	Dressing Drum	ϕ 27		5
7	Dressing Drum	ϕ 18		10
8	Dressing Drum Stand	For ϕ 27		3
9	Dressing Drum Stand	For ϕ 18		4

GENERAL LABORATORY

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
1	UV-VIS Spectrophotometer		220V/50Hz., Single 160W 200W	1
2	Densitometer, Fully Automatic	w/recoder, for 20 samples	220V/50Hz., Single 300W	1
3	pH Meter		220V/50Hz., Single 1W	1
4	Refractometer			1
5	Electronic Cyto-Counter	Digital display	220V/50Hz., Single 100W	1
6	Pipette Shaker	10-place	220V/50Hz., Single 100W	1
7	Automatic Pipet Washer	ϕ 150 x 600	Plastic	1
8	Vessel	ϕ 150 x 600	Plastic	1
9	Vessel	ϕ 290 x 410	Plastic	1
10	Incubator	350 x 350 x 450	220V/50Hz., Single 180W, Table type	1
11	Hematocrit Centrifuge		220V/50Hz., Single 600W	1
12	Hot Air Circulation Oven	500 x 500 x 700	220V/50Hz., Single 2.9KW 3kW	1
13	Water Still, Table type	1 liter/h	220V/50Hz., Single 1KW	1
14	Chloride Counter		220V/50Hz., Single 100W	1
15	Table-Top Centrifuge CABINET TYPE	2,800 RPM 3,000	220V/50Hz., Single 250W 1kW	1
16	Thermo-Mixer		220V/50Hz., Single 1W	1

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
17	Water Bath, Clinibath	410 x 245 x 130	220V/50Hz., Single 800W	1
18	Top Loading Balance	For 120g	220V/50Hz., Single ^{100g} 10W	1
19	Microscope, 40x - 1500x	Halogen Lamp 12V-50W, 220V/50Hz., Single Ref.No.X-B-21	NIKON, OLYMPUS	1
20	Flame Photometer	with printer 611	220V/50Hz. single 400W	1
21	Cellulose-Acstate Electrophoresis Apparatus	For 20 samples	220V/50Hz., Single 2-50mA	1
22	Cellulose-Acetate		box of 50 pcs.	4
23	Refrigerator		220V/50Hz., Single	1

PATHOLOGY LABORATORY

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
1	Automatic Tissue Processor	Rotating System	220V/50Hz., Single 300W	1
2	Freezing Microtome (Coldtome)	730 x 770 x 1100 Temp.Room to -20°C	220V/50Hz., Single 500W	1
3	Paraffine stretcher	450 x 390 x 90	220V/50Hz., Single 250W	1
4	Paraffin Oven	PN-400x2	220V/50Hz., Single 1KW	1
5	Large Sledge Microtome	580 x 350 x 220		1
6	Microtome Knife	20 cm, For Paraffine		5
7	Microtome Knife Sharpener	532 x 380 x 402	220V/50Hz., Single 100W	1
8	Water Still, Table type	1 liter/h	220V/50Hz., Single 1KW	1
9	Wooden Block	Large	box of 100 pcs.	20
	Wooden Block	Medium	- do -	20
	Wooden Block	Small	- do -	20
10	Electric Spatula	For Paraffine		1
1	Strip Box			1
12	Microscope, 40x - 1500x	Halogen Lamp 12V-50W Ref.No.X-B-21	220V/50Hz., Single NIKON, OLYMPUS	2
13	Microscope, 40x - 1000x	Halogen Lamp 12V-50W Ref.No.X-P-21	220V/50Hz., Single NIKON, OLYMPUS	1
14	Teaching Microscope, 40x - 1000x	Halogen Lamp 6V-20W Ref.No.YB-TH-11	220V/50Hz., Single NIKON, OLYMPUS	1

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
15	Microflex Attachment, Microflex type AFMB-X/Y consisting of AFM basic unit for X/Y, relay lens 1/2X, camera adapter B and plain dark box M-35A	Ref.No.AFMB	NIKON, OLYMPUS	1
16	Camera and Their Accessories	55mm F3.5 Micro- Nikkor Lens A F2A Photomic Camera body chrome 1.5V silver oxide battery	NIKON, OLYMPUS	1
17	Resection Specimen Photographic Table	Ref.No.SFC M-130	100V/50Hz. Single 18A w/step-down trans for 220V/50Hz.	1

AUTOPSY ROOM

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
1	Mortuary Refrigerator	For 2-body, 900 x 2300 x 1900	220V/50Hz., Single 750W	1
2	Autopsy Table	2600 x 750 x 800	220V/50Hz., Single 1.5KW	1
3	Wheel Stretcher for Mortuary	1820 x 600 x 750		1
4	Autopsy Instrument Set	with two electric bone drill unit	220V/50Hz., Single 1.1A	1
5	Instrument Cabinet	920 x 420 x 1700	Stainless steel	1
6	Suspended Weighing Balance	For 4 kg., 236 x 110 x 700		1
7	Washing Basin Stand	For one basin/ø32	with basin	1
8	Large Tray	120 x 180 x 35	Stainless steel	5
9	Boots	Ref. No.G-0132	Long type	5
10	Surgeon's Wear for Autopsy Operating			10

SPECIMEN STORAGE

NO.	ITEM	SPECIFICATIONS	REMARKS	Q'TY
1	Specimen Box	680 x 460 x 920	Wooden made	2

FIRST FLOOREXAMINATION ROOMS (3) ROOM NO. 109,110,111

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Examination Couch, KC-230	1800 x 600 x 600		3
2	Film Illuminator, MS-H-21	14" x 17 1/2-unit	220V/50Hz., Single 2A	3
3	Washing Basin Stand	For one basin/φ32	with basin	3
4	Examination Lamp, M-100	Slide volum control	220V/50Hz., Single 50W	3
5	Sphygmomanometer, 4306	Mercurial Stand type		3
6	Diagnostic Instrument Set	16-item	YUFU	3
7	Anoscope for Examination	with battery handle	Set C	3
8	Strange's Anoscope	Large & Small	improved type	3
9	Kelly's Anoscope	Large & Small	improved type	3
10	Hirushumann's Anoscope	Large		3

TREATMENT ROOM ROOM NO. 112

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Treatment Bed with Arm Rest, KC-260-60	1800 x 600 x 600	with pillow	1
2	Examination Lamp, M-100	Slide volum control	220V/50Hz., Single 50W	1
3	Instrument Tray Stand	KY-130	with trays	1
4	Instrument Cabinet, ST-322	900 x 360 x 1700		1
5	Prescription Counter Cabinet, SP-1200	300 1200 x 600 x 1650 500		1
6	Working Table, SP-900A	900 x 600 x 850 500	Stainless steel top	1
7	Instrument Boiling Sterilizer	400 x 200 x 150	220V/50Hz., Single 1.2KW, Desk type	1
8	Washing Basin Stand	For one basin/φ32	with basin	1
9	Irrigator Stand	Double hook	with casters	1
10	Treatment Instrument Set	10-item	YUFU	1

ENDOSCOPE ROOMS (2) ROOM NO. 120, 121

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Fiberscope Cabinet	SHK-108		1
2	Electric Suction Unit	with stand, MSP-103A	220V/50Hz., Single 50W	1

PROSCOPE ROOM ROOM NO. 118

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Protoscope Table	SHK-72B(S)		1
2	Rectal Retractor for Examination	Large & Medium		2
3	Electric Suction Unit	with stand, MSP-103A	220V/50Hz., Single 50W	1
4	Examination Lamp, M-100	Slide volum control	220G/50Hz., Single 50W	1

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Surgical X-Ray TV Unit, SXT-6	TOSHIBA		1
2	Remote Control X-Ray TV Unit, XTV-MAI Consists of:	TOSHIBA		1
	1) High Tension Generator	1 DG-15FA-2		
	2) X-Ray Tube	1 DRX-191D		
	3) Diagnostic Table (S)	1 DT-MAI		
	4) Remote Controller (S)	1 DTC-15MAI		
	5) Controller	1 CC-AI		
	6) Image Intensifier, 9"	1 I.I.		
	7) Optical System	1 OP-S91		
	8) TV Camera	1 MTV-22CS		
	9) TV Monitor	2 TVM-17A		
	10) Monitor Trolley	1 FDG-004B		
	11) Photo Timer	1 PT-21A		
	12) Spare X-Ray Tube	1 DRX-190A		
3	General and Tomography X-Ray Unit Consists of:	TOSHIBA		1
	1) High Tension Generator	1 DG-15FA-2		
	2) X-Ray Controller	1 DC-15KB		
	3) X-Ray Tube	1 DRX-190A		
	4) Multileaf Collimator	1 TF-6TL		
	5) Floor-Ceiling Support Unit for X-Ray Tube, Rail type	1 DS-TA		
	6) Bucky Table	1 DT-BT(S)		
	7) Reader Vertical Cassette Stand	1 MITAYA(S)		
	8) Universal Rayer-Graph	1 LGS(S)		
	9) Spare X-Ray Unit Parts	1 lot		

DARK ROOM ROOM NO. 133, 134, 135

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Protective Apron	MAVIC		3
2	Protective Glove			2
3	Dosimeter		100 mm	4
4	Chamber for Dosimeter			1
5	Examination Lamp, M-100	Slide volum control	220V/50Hz., Single 50W	2
6	Barium Mixer		220V/50Hz., Single	1

X-RAY FILM STORAGE ROOM NO. 131

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Film Preserving Cabinet	MP-516		1
2	Film Cabinet	MK-A54		1
3	Film Hanger Trolley	MKC-36		1
4	Cassette Trolley	MKC-35		1

X-RAY FILM LECTURE'S ROOM ROOM NO. 136

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Film Illuminator, Mobile type, MS-H-1212L	14" x 17"/12-unit	220V/50Hz., Single 11A	1
2	Film Illuminator, Wall Hanging type, MS-D-1212	35.6 x 35.6 cm/12-unit	220V/50Hz., Single 11A	1

ENDOSCOPIC FILM LECTURE'S ROOM ROOM NO. 136

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Endoscopic Film Projector	No.102S	220V/50Hz., Single	1

INSTRUMENT STORAGE ROOM NO. 122

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Instrument Cabinet, ST-421	1220 x 450 x 1800	stainless steel	1

LAUDRY ROOM NO. 180

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Washer	380V/50Hz., 3-phase 0.75KW	For Electricity	1
2	Tumbler	380V/50Hz., 3-phase 15.6KW	- do -	1
3	Cotton Press	380V/50Hz., 3-phase 4.6KW	- do -	2
4	Extractor	380V/50Hz., 3-phase 1.5KW	- do -	1
5	Sink		2-compartment	1
6	Ironing Board			1

KITCHEN ROOM NO. 171

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Refrigerator/Freezer	NR-150FR		1
2	Cooking Machine	GO-41		1
3	2-compartment sink	1200 x 750 x 850		1
4	Working Table	1800 x 600 x 850		1
5	Gas Range	1200 x 600 x 850 NGR-1264		1
6	Side Table	600 x 600 x 850		2
7	2-compartment Sink	1200 x 750 x 850 (HS2-127B)		1
8	Clean Table	900 x 750 x 850		1
9	Rack	750 x 600 x 1800		1
10	Sterilizing Cabinet	S-500E		1
11	Food Cart	HK-24, for 24		2
12	Gas Table, for Soup Warmer	600 x 600 x 450		1
13	Storage Cabinet	1200 x 600 x 1800		1
14	Table	1200 x 600 x 850 (HT-126)		1
15	Table	1200 x 600 x 850 (HT-126B)		1
16	Gas Table for 2-cooking stove			1
17	Table	900 x 600 x 850 (HT-96B)		1
18	Soiled Table	1200 x 600 x 850		1
19	2-compartment Sink	1200 x 600 x 850 (HS2-126B)		1
20	Water Boiler, Instantaneous water heater	PH-10C		1

SECOND FLOOR

DOCTOR'S ROOM ROOM NO. 251,252,253

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Film Illuminator, Mobile type, MS-H-812L	14" x 17"/8-unit	220V/50HZ., Single 8A	1

RECOVERY ROOM ROOM NO. 208

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Recovery Bed, KA-852	with I.V.pole, Cylinder receptacle		2
2	Oxygen Tent. OT-250-II		220V/50Hz., Single 400VA	1
3	Examination Lamp, M-100	slide volum control	220V/50Hz., Single 50W	2
4	Heart Monitor, BSM-1HA	TOSHIBA	with trolley, 220V/50Hz., Single	2
5	Low Pressure Continuous Suction Unit	YUFU	220V/50Hz., Single 3W	2
6	Foot Stool, KC-114	for two-step		2
7	Sphygmomanometer, 4306	Mercurial Stand type	with casters	2
8	Irrigator Stand, 5-16450	for double hook	with casters	4
9	Wheel Stretcher, KK-200	1960 x 600 x 755		1
10	Treatment Carriage	590 x 420 x 800		1

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Operating Table , 1200A	Motor driven type	with step-down transformer	2
2	Suction Bottle Frame	kick type	with bottle and casters	2
3	Electro-Surgical Unit		220V/50Hz., Single 6A	1
4	Operating Room Light, 58B	Stand type, 4-bulb	220V/50Hz., Single 160W	2
5	Anesthesia Apparatus, PH-2	ACOMA		1
	Consists of:			
	1) Vaporizer	1 D-330		
	2) Endotracheal Tube Set ..	1 D-050A		
	3) Respirator, electric ...	1 ARF-850	220V/50Hz., Single	
	4) O ₂ Cylinder, empty, 500L.	(Pin-Index) 1	200VA	
	1,500 L.	1		
	5) N ₂ O Cylinder, empty,			
	2.5 kg(Pin-Index) ..	1		
	7.5 kg	1		
	6) Sodalime (1kg)	30		
6	Anesthesia Apparatus, D-2			1
	Consists of:			
	1) Vaporizer	1 D-330		
	2) Endotracheal Tube set ..	1 D-050A		
	3 O ₂ Cylinder, empty,			
	1,500 L.	1		
	4) N ₂ O Cylinder, empty,			
	7.5kg	1		
7	Endotracheal Catheter for Tracheotomy		Set of 10 pcs.	2
8	Anesthesia Table , TH-316			2
9	Revolving Stool, TH-316-B			2
10	Footstool	For one step		6
11	Instrument Tray Stand, TH-332			2
12	Kick Bucket. TH-207			4

No.	ITEM	SPECIFICATION	REMARK	Q'TY
13	Mayo Instrument Stand, TH-329			2
14	Irrigator Stand, 5-16450	For double hook	with casters	6
15	Instrument Dressing Table, TH-318			4
16	Operating Knife Handle Ditto	No.3 No.4		100 100
17	Operating Knife Blade Ditto	No.11 No.21	box of 100 pcs - do -	20 20
18	Operating Scissors, curved Ditto, but straight	blunt/blunt blunt/blunt		30 30
19	Backhaus Towel Forceps	11 cm.long		50
20	Mayo Dissecting Scissors Ditto	20 cm.long 26 cm.long		10 10
21	Metzenbaum Scissors Ditto	20 cm.long 16 cm.long		10 10
22	Tissue Forceps with tooth Dressing Forceps Ditto Ditto	13 cm.long 13 cm.long 18 cm.long 23 cm.long		10 10 20 30
23	Kocher Hemostatic Forceps with tooth, straight Ditto, but without tooth Ditto, but curved Ditto, but straight Ditto, but curved	14.5 cm.long 14.5 cm.long 14.5 cm.long 18 cm.long 18 cm.long		60 40 40 20 10
24	Mikulicz's Peritoneum Forceps			30

No.	ITEM	SPECIFICATION	REMARK	QTY
25	Tissue Forceps	2 x 3 teeth		10
	Ditto	4 x 5 teeth		10
26	Doyen Intestinal Clamp			
	Forceps	Straight		6
	Ditto	Curved		6
27	Doyen Stomach Clamp Forceps	Straight		6
	Ditto	Curved		6
28	Mathieu Needle Holder	with Diamond tip, 19 cm. long		10
29	Heger-Mayo Needle Holder	Ditto, but 23 cm. long		10
	Ditto	Ditto, but 19 cm. long		10
30	Prove	24 cm. long		10
31	Grooved Prove			10
32	Cannula	HIEI Pattern		8
33	Aneurism Needle		Set of Left & Right	4
34	Intestinal Clamp			10
35	Duodenal Clamp			4
36	Kelly Hemostatic Forceps	Ordinary, Small-curved, 20 cm. long		10
	Ditto	Small-curved		3
	Ditto	Medium-curved		3
	Ditto	Large-curved		3
37	Esophageal Forceps, Large	KEIO Univ. pattern		2
	Ditto, but Small	- do -		2
38	Retractor	3-prong		2
39	Holder for Blood Vessel	Straight & Curved	each 2 pcs.	4
40	Gastrointestinal Suturing Instrument Set	NAKAYAMA Pattern, Large & Small		2

No.	ITEM	SPECIFICATION	REMARK	Q'TY
41	Mosquito's Hemostatic Forceps with tooth	Straight		10
	Ditto, but without tooth	Straight		10
42	Hook	Large		4
	Hook	Small		4
43	Fritsch's Abdominal Retractor	38 mm		4
44	Intestinal Flexible Spatula	30 mm		5
	Ditto	40 mm		5
45	Langenbeck Retractor	13 x 60 mm		10
	Ditto	25 x 60 mm		10
46	Kocher Retractor	two-prong		8
	Ditto	four-prong		8
47	Drain Removing Forceps	30 cm.long		4
48	Alli's Intestinal Forceps	18 cm.long		10
49	Babcock Intestinal Forceps			4
50	Rectal Speculum, improved	Large & Medium	each 2 pcs.	4
51	Croup Probe			2
52	Rectal Retractor	Large, Medium & Small	each 2 pcs.	12
53	Gall Bladder Forceps			4
54	Gall Stone Forceps			2
55	Gall Stone Scope	(4,6,8,10)	Set of 4 pcs.	2
56	Catheter Removing Bill Stone	5Fr.		10
	Ditto	6Fr.		10
57	Urethral Stone Dislodger	(Steel/4 pcs.)		10
58	Basket Catheter	(Nylon)		10

No.	ITEM	SPECIFICATION	REMARK	Q'TY
59	Operating Scissors, straight	Blunt/Blunt		10
60	Adson's Forceps Ditto	without tooth with tooth		4 4
61	Kocher's Hemostatic Forceps with tooth, straight	18 cm. long		20
62	Parks type Operating Rectal	Speculum 3-blade		1
63	Croup Probe	for deep region		2
64	S'tmarks type Sigmoid Retractor	set of 3 pcs.		1
65	Proctitis Speculum	3-blade		1
66	Sigmoid Anterior Resection	Forceps KEIO Univ.		4
67	Bakes Common Duct Dilators			2
68	Doyen Periosteal Raspatory	Right & Left		1
69	Luer's Bone Rongeurs Ditto	Straight Curved		1 1
70	Mammiller Mosquito Forceps			5
71	Bone Rasp			1
72	Rib Spreader			1
73	Rib Retractor			
74	Satinsky Blood Vessel Forceps	L., M., S. 2 each		6
75	Gluck Rib Chears Rongeur			2
76	Gimlet			2
77	Operating Room Light, Ceiling type, 10058SDEL	14 + 5 bulbs, HALOGEN	220V/50Hz., Single 950W	2

C. S. S. D. ROOM NO. 280, 281, 282

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Small Sterilizer, for 6 drums	FBA-6S2PCE	220V/50Hz., Single 0.3KW 380V/50Hz., 3-phase 22.5KW	1
2	Ditto, but for 3 drums	FA-360BE	220V/50Hz., Single 1.0KW 380V/50Hz., 3-phase 5.0KW	
3	Surgical Glove Conditioner	1060 x 510 x 900	220V/50Hz., Single 1KW	1
4	Needle Washer, NW-50			1
5	Instrument Cabinet, ST-421	1220 x 450 x 1800		4
	Ditto, but ST-321B	920 x 420 x 1700		1
6	Electa-Shelf	1070 x 460 x 1590		3
7	Instrument Tray	360 x 300 x 40	with lid	10
8	Dressing Case	360 x 300 x 75		10
9	Working Table	1100 x 1500 x 800	stainless steel	2

PREPARATION ROOM FOR O.R. ROOM NO. 275

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Compact Steam Sterilizer	with trolley	220V/50Hz., Single 2KW	1
2	Soap Dispencer	wall type		4
3	Washing Basin Stand	for 2-basin, ϕ 32	with basins	10
4	Brush Sterilizer Box	for 10-brush		4
5	Nail Brush			50
6	Dressing Drum	ϕ 27		20
	Ditto	ϕ 18		10
7	Dressing Drum Stand	for ϕ 27		3
	Ditto	for ϕ 18		4
8	Truck Cart			1

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	UV-VIS Spectrophotometer	100-2002	220V/50Hz., Single 200W	1
2	Densitometer, Fully Automatic, 20M	w/recorder, for 20 samples	220V/50Hz., Single 300W	1
3	pH Meter, F-7AD		220V/50Hz., Single 1W	1
4	Refractometer			1
5	Electronic Cyto-Counter, K-1340A	digital display	220V/50Hz., Single 100W	1
6	Pipette Shaker, K-1337A	10-place	220V/50Hz., Single 100W	1
7	Electric Incubator, IF-2B	table type	220V/50Hz., Single 200W	1
8	Hematocrit Centrifuge, MC-200		220V/50Hz., Single 600W	1
9	Hot Air Circulation Oven	NK-31	220V/50Hz., Single 3KW	1
10	Water Still, table type	WS-1T , 1 L./h	220V/50Hz., Single 1KW	1
11	Water Bath, KR-2		220V/50Hz., Single 800W	1
12	Top Loading Balance	PT3-160D	220V/50Hz., Single 100W	1
13	Thermo Mixer		220V/50Hz., Single 1W	1
14	Chloride Counter, CL5M		220V/50Hz., Single 100W	1
15	Centrifuge, O3P-22		220V/50Hz., Single	1
16	Microscope, 40x - 1500x, X-B-21	NIKON, Halogen lamp 12V-50W	220V/50Hz., Single	1

No.	ITEM	SPECIFICATION	REMARK	Q'TY
17	Flame Photometer with compressor	775, with printer 611	220V/50Hz., Single 400W	1
18	Cellulose-Acetate Electrophoresis Apparatus	for 20 samples	220V/50Hz., Single 2-50mA	1
19	Cellulose-Acetate		box of 50 pcs.	4
20	Refrigerator		220V/50Hz., Single	1
21	Automatic Pipette Washer	ø150 x 600 , 0506	Vinyl-made	1

PATHOLOGY LABORATORY

ROOM NO. 258, 259

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Freezing Microtome (Coldtome)	CM-3B	220V/50Hz., Single 500W	1
2	Paraffine Stretcher	PS-51	220V/50Hz., Single 250W	1
3	Teaching Microscope, 40x - 1000x	YB-TH-11 , NIKON Halogen lamp, 6V-20W	220V/50Hz., Single	1

LABORATORY GLASS WARES (for general use in LABORATORY)

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Vessel Plastic with basket	KAYAGAKI 0470	ø15 x 60 cm	3
2	Ditto	0471	ø29 x 41 cm	3
3	Test Tube Basket	0500, SS	21 x 21 x 20 cm	12
4	Lumix High Speed Dispenser	0240 6MF	0.3 - 6 ml	2
	Ditto	0241 6SF	0.1 - 1.5 ml	2
5	Minipipetts, Sasaki's	SM-II5	4 ml, plain	3
	Ditto	SM-III0	8 ml, plain	3
6	Equipment and Glass Ware of Slide Flocculation Test for Syphilis		Standard set	1
7	Blood Sedimentation Set	0090	For 10 pipette, w/20-pipette	2
8	Counter	0081		4
9	Pipette Wash and Dryer	0088		2
10	Meulengracht Bilirrubina Colorimeter			1
11	Hemacytometer Set, Bright-Line Burker-Turk	J.H.S 0031		2
	Ditto, but Fuchs-Rosenthal	J.H.S 0033		1
	Ditto, but Tatai's Counting Chamber	0040		1
12	Test Tube Supporter, SS	TK type 515-1	12 x 20	10
	Ditto	515-2	12 x 40	10
	Ditto, but Wire	517-1	18 x 40	12
	Ditto	517-3	18 x 60	12
13	Pipette Surporter	513-1		6
14	Staining Jars	0332-1	non-compartment	3
	Staining Sets	0332-2	for 15	3

No.	ITEM	SPECIFICATION	REMARK	Q'TY
15	Slide Glass Racks	KAYAGAKI 0333-1	Alumi-made	6
16	Specimen Boxes	0343-1	for 50	20
17	Hematarranger	0015		3
18	Standard Hemometer, Sahli	J.H.S Grade 0070		1
19	Truck Cart(Lab Cart)	YAMATO LCW-62		3
20	StopWatch	15 min, ϕ 5 cm		2
	Ditto	30 min, ϕ 6 cm		3
21	Interval Timer	60 min, wall type		2
	Ditto but portable			3
22	Refrigerator with Freezer			1
23	Capillary Tube	Plain , TERUMO	pkt of 200 pcs.	12
	Ditto	Heparinized	- do -	12
24	Hematseal	KAYAGAKI 0014		2
25	Blood Diluting Pipette	J.H.S Grade, For White, 0061-1		2
	Ditto	0061-2, For Red		6
26	Hemacytometer Cover Glass	0050-55	0.4 x 22 x 24 mm	1
27	Sahli Pipette	J.H.S grade, 0071-2		20
28	Graduated Square Tube	J.H.S grade 0072		10
29	Bottle with stopper	0154		12
30	Serum Pipette, TK type	0152-1		6
	Ditto	0152-2		6
	Ditto	0152-3		6
	Ditto	0152-4		6
	Ditto	0152-5		6
	Ditto	0152-6		6
	Ditto	0152-7		4

No.	ITEM	SPECIFICATION	REMARK	Q'TY
31	Beakers	50 ml SHIBATA 1002		6
	Ditto	100 ml		6
	Ditto	200 ml		6
	Ditto	500 ml		6
	Ditto	1000 ml		6
32	Erlenmeyer Flasks	50 ml SHIBATA 1033		6
	Ditto	100 ml		6
	Ditto	200 ml		6
	Ditto	500 ml		6
	Ditto	1000 ml		6
33	Flat Bottom Flasks	50 ml SHIBATA 1051		6
	Ditto	100 ml		6
	Ditto	200 ml		6
	Ditto	500 ml		6
	Ditto	1000 ml		4
34	Volumetric Flasks	25 ml SHIBATA 2306		6
	Ditto	50 ml		6
	Ditto	100 ml		6
	Ditto	250 ml		6
	Ditto	500 ml		6
	Ditto	1000 ml		4
35	Graduated Cylinders	25 ml SHIBATA 2353	with stopper	6
	Ditto	50 ml	- do -	6
	Ditto	100 ml	- do -	6
	Ditto	250 ml	- do -	6
	Ditto	500 ml	- do -	6
	Ditto	1000 ml	- do -	4
36	Funnels	45 mm SHIBATA 1531-45A	box of 10 pcs.	3
	Ditto	60 mm 1531-60A		5
	Ditto	70 mm 1531-70A		1
	Ditto	100 mm 1531-100A		1
37	Long Stem Funnels	60 mm 1532-60A	box of 10 pcs.	2
	Ditto	70 mm 1532-70A		1
38	Hario Dishes	SHIBATA 1231-9020	box of 50 pcs.	1

No.	ITEM	SPECIFICATION	REMARK	Q'TY
39	Measuring Pipette, Mohr	0.1 ml SHIBATA 2010-01A	box of 10 pcs.	3
	Ditto	0.2 ml 2010-02A		3
	Ditto	0.3 ml 2010-03A		3
	Ditto	0.5 ml 2010-05A		3
	Ditto	1 ml 2010-1A		5
	Ditto	2 ml 2010-2A		5
	Ditto	5 ml 2010-5A		5
	Ditto	10 ml 2010-10A		3
40	Measuring Pipette, Mohr, graduated to extreme tip	0.1 ml 2011-01A	box of 10 pcs.	3
	Ditto	0.2 ml 2011-02A		3
	Ditto	0.5 ml 2011-05A		3
	Ditto	1 ml 2011-1A		5
	Ditto	2 ml 2011-2A		4
	Ditto	5 ml 2011-5A		4
	Ditto	10 ml 2011-10A		2
41	Test Tubes	15 x 105 mm 1022-1510A	box of 100 pcs.	3
	Ditto	12 x 105 mm 1022-1210A		3
	Ditto	16.5 x 160 mm 1022-1616A		4
42	Centrifuge Tubes	16 x 105 mm(10ml) 1028-104	w/out graduation	200
43	Graduated Cylinder with pourout	50 ml 2351-50A	box of 10 pcs.	1
	Ditto	100 ml 2351-100A		1
	Ditto	250 ml 2351-250		6
	Ditto	500 ml 2351-500		6
	Ditto	1000 ml 2351-1000		6
44	Narrow Mouth Reagent Bottles	60 ml 1701-60A	box of 10 pcs.	1
	Ditto	120 ml 1701-120A		2
	Ditto	250 ml 1701-250A		2
	Ditto	500 ml 1701-500A		2
	Ditto	1000 ml 1701-1000A		1
44	Narrow Mouth Reagent Bottles	60 ml 1702-60A	brown, box of 10 pcs.	1
	Ditto	120 ml 1702-120A		2
	Ditto	250 ml 1702-250A		1

No.	ITEM	SPECIFICATION	REMARK	Q'TY
	Ditto	500 ml SHIBATA 1702-500A		2
	Ditto	1000 ml 1702-1000A		1
	Ditto	2000 ml 1702-2000A		1
45	Square Dropping Bottles	30 ml 1773-30A	w/pipette ball, box of 10 pcs.	1
	Ditto	60 ml 1773-60A		1
46	Evaporating Dishes	45 mm 1226-45A	box of 10 pcs.	1
	Ditto	75 mm 1226-75A		1
47	Kreuz Tropfchens	30 ml KAYAGAKI 2035-1	Plain	2
	Ditto	60 ml 2035-2	Brown	2
48	Morta and pestle, Polcelain	130 x 65 mm 2033-2		3
	Ditto	120 x 60 mm 2033-3		3
49	Scheiber Desiccators	1734-210 SHIBATA	Brown	2
50	Filter Paper, No.7	ø9 cm	box of 100 pcs.	20
	Ditto, but No.2	60 x 60 cm	- do -	10
51	Washing Bottle, Tefron	IKEMOTO, 500 cc		10
52	Asprator Bottle, Narrow,	10 L.	plastic -made	4
53	Micro Pipettes	IKEMOTO 4700 type ,		
	Ditto	10 µl		3
	Ditto	20 µl		3
	Ditto	50 µl		3
	Ditto	100 µl		3
	Ditto	200 µl		3
	Ditto	500 µl		3
54	Pipette tip for Micro pipettes	for 5 - 100 µl	box of 100 pcs.	30
	Ditto	for 101 - 1000 µl	- do -	30
55	Pipette safety cabinet	D type	plastic -made	3
56	Poly-Spitz with cap	10 ml , sterile	box of 2500 pcs.	1
57	Volumetric Pipettes	2040-1A 1 ml SHIBATA	box of 5 pcs.	5
	Ditto	2040-2A 2 ml		5

No.	ITEM	SPECIFICATION	REMARK	Q'TY
	Ditto	2040-3A 3 ml SHIBATA		5
	Ditto	2040-4A 4 ml		5
	Ditto	2040-5A 5 ml		5
	Ditto	2040-6A 6 ml		3
	Ditto	2040-7A 7 ml		3
	Ditto	2040-8A 8 ml		3
	Ditto	2040-9A 9 ml		3
	Ditto	2040-10A 10 ml		3
	Ditto	2040-15A 15 ml		4
	Ditto	2040-20A 20 ml		4
	Ditto	2040-30A 30 ml		4
58	Ostwald Pipettes, Volumetric	2045-01A 0.1 ml SHIBATA	box of 10 pcs.	5
	Ditto	2045-02A 0.2 ml		5
	Ditto	2045-03A 0.3 ml		3
	Ditto	2045-04A 0.4 ml		3
	Ditto	2045-05A 0.5 ml		5
59	Slide Glass, Cut edge, Frost	S-226 MATSUMAMI	box of 50 pcs.	20
	Cover Glass			
	Ditto, but Cut edge		- do -	20
60	Cover Glass	18 x 18 mm		3000
61	Cornet Forceps	for slide glass		2
	Ditto	for cover glass		2
62	Blood Test Capillary Tube	Nipro FHO205(NaF+Heparin Na) 2 ml	box of 100 pcs.	50
	Ditto	Nipro EKO205(EDTA-2K) 2 ml	- do -	50
63	Neo Tube	Nipro NT-PS2000(20 ml) Plain(Silicon coat)	box of 1000 pcs.	1

AUTOPSY ROOM

ROOM NO. 166

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Mortuary Refrigerator, MRE-2H	For 2-body 900 x 2300 x 1900	380V/50Hz., 3-phase 750W	1
2	Autopsy Table	2600 x 750 x 800	220V/50Hz., Single 1.5KW	1
3	Wheel Stretcher for Mortuary, ST-1	1820 x 600 x 750		1
4	Autopsy Instrument Set	with two electric bone drill unit	220V/50Hz., Single 1.1A	1
5	Instrument Cabinet, ST-321B	920 x 420 x 1700	stainless steel	1
6	Suspended Weighing Balance	4 kg.		1
7	Washing Basin Stand	for one basin/φ32	with basin	1
8	Large Tray		stainless steel	5
9	Boots	G-0132	long type	5
10	Surgeon's Wear for Autopsy Operating			10
11	Autopsy Shadowless Lamp	LK-10	220V/50Hz., Single	1

SPECIMEN STORAGE

ROOM NO. 167

No.	ITEM	SPECIFICATION	REMARK	Q'TY
1	Specimen Box, 0344-2	680 x 460 x 920	wooden made	2

WARD

ROOM NO. 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228

No.	ITEM	SPECIFICATION	REMARK	QTY
1	2-clank Gatch Bed, KA-471		with spring mattress, side rails	48
2	Bedside Cabinet	KF-311		48
3	Overbed Table	KF-290		48
4	Stool-Locker	KC-610		48
5	Two Panel Screen	KC-110	Folding type	3
6	Washing Basin Stand	For two-basin/φ32	with basin	1
7	Treatment Carriage	KY-160		2
8	I.V. pole	KC-54	for KA-471	15
9	Wheel Chair	KK-870		2
10	Folding Litter	KA-770		1
11	Towel Drying Stand	KC-721		2
12	Wheel Stretcher, Hi-Lo	KK-610		1
13	Irrigator Stand			5
14	Treatment Carriage	KY-330		2
15	Utility Work Table	KC-381		1
16	Footstool	for two-step, KC-114		2
17	Oxygen Tent	OT-250-II	220V/50Hz., Single 400VA	1
18	Film Illuminator, MS-H-21	14" x 17"/2-unit	220V/50Hz., Single 2A	1
19	Instrument Boiling Sterilizer Desk Model		220V/50Hz., Single 1.2KW	1
20	Dressing Drum	φ18 cm		5
	Ditto	φ27 cm		2



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