

AUTOPSY



A Guide with Real Documents
to include Autopsies in your Games

**NO,
YOU go first**



**WE SELL T-SHIRTS
(and mugs, mousepads...)**



<http://www.threefourteengames.es>

AUTOPSY

All the contents in this book, both in electronic and printed form are (c) **Three Fourteen Games 2010**. Any total or partial reproduction without the written consent by the editor is strictly prohibited, save for personal use and reviews.

The images in this book have been created or modified by the author from originals in his own collection or from rights free images.

After reading this book, why not drop us a line to give your opinion?

has been

created by **Enrique Camino**

corrected in its
English version by **Mike Daumen**

graphically designed by **JSDS**

Acknowledgments **V. (even if he did not
want to be named)**

Three Fourteen Games :3002b
<http://www.threefourteengames.es>

The documentation on autopsies presented in this booklet is a copy of official documents used in Spain (adapted to an international audience and with minor changes).

Data are entered into these forms, by hand, and the documents are at the specialists' disposal in the form of photocopied sheets. We have chosen not to enhance the quality of the images on purpose, to keep the true appearance, with some sheets showing blurred images, or even non-horizontal text, as we explained, because they come from originally photocopied sheets.

Autopsies in your games: You can use the whole or part of these props in your games, a partial report lost on purpose with some scribbled notes? A secret dossier with strange conclusions? A bunch of deaths due to the same causes in the same spot during fifty years...? We give you the prop, you create the game!

Three
Fourteen



Purveyors of
Fine Games and Goods

EXTERNAL AUTOPSY

The first step before beginning the external analysis is to take photographs of the body. The recorded notes the clothes the corpse is in, as well as the type and location of any personal effects on the body. These are then removed. At this point, any kind of remains alien to the body are searched for and noted down (an ultraviolet light can assist this search): wood or metal shards, vegetal remains, et c., before being disposed of. If the examiner judges it necessary, he can take samples of skin, hair, nails and any other suspect items are taken for further research before the analysis of marks, scars and wounds begins.

With the body already naked and stripped of alien remains, the specialist passes on to the first examination of the wounds. The corpse is thoroughly cleaned to take external measurements in the best condition. Physical data are noted down: height and weight, race specifications, skin, eyes and hair colour, birth marks, tattoos and so on. In the same way, total or partial X-ray images may be taken.

INTERNAL AUTOPSY

Before the main incision, the corpse's back is placed on a block to elevate the chest while the neck and arms remain lower. This gives the examiner a better angle to reach the internal organs. Usually, a Y-shaped cut is done on the chest. The upper "arms" of the Y begin at the shoulders and reach the lower part of the sternum, while the rest of the cut continues the pubic area. As is obvious, there is no bleeding during this process, since gravity keeps the blood stored in the lower half of the body - or, simply, it is already coagulated. An exception to this process occurs when a victim has drowned; in such cases residual bleeding can occur during this step.

The chest is opened with the help of a chainsaw or pliers. Then, the ribs are cut in the side to extract the whole bones' block in one piece. At times, remains of tissue stuck to the bones will have to be scratched off, using a scalpel.

The next step is to remove the organs one by one (or in small groups).

The first organs to be taken into account are the heart (and its pericardial sac), and the lungs. The usual procedure is to take a blood sample directly from the vena cava for further analysis, as well as to examine the pulmonary arteries in search of blood clots. The major blood vessels are also usually analysed.

Each organ is examined and weighed. The examiner can take tissue samples for further analysis if he deems it necessary. One of the more relevant steps is the examination on the contents of the digestive tract: stomach and intestines. This can reveal the presence of poison and provide an estimate of the time when the person eat his or her last meal (as indicated by the degree of digestion the food is in).

Once the examination of the organs is finished, the head is taken care of. The same block used to elevate the torso is now relocated under the head. A cut from one ear up to the other is done, through the back part of the head. The technician needs to exercise care to damage the visible part of the face if the victim's family has requested a viewing or plans any open casket ceremonies. The skin is taken aside and the rest of the cranium is sawed off to "un-cap" it. The bindings between the brain, cranium and spinal cord are cut off, to extract the former. If further analysis of the brain is called for, the usual procedure is to leave it in a formaldehyde solution during a period of between two and four weeks. In this way, not only is it preserved, but it gains some stiffness that will help at the time of cutting it.

As the autopsy ends, the previously removed ribs' block is put back into place, and the original incision is sewn off. This leaves the cadaver ready to be prepared and made up if it needed for funerary services.

AUTOPSY REPORT

Protocol Nr.

NAME:

TELEPHONE:

ADDRESS:

AUTOPSY'S DATE:

MOTIVE:

COURT:

GENDER:

AGE:

WEIGHT:

HEIGHT:

DATE OF DEATH:

PLACE OF DEATH:

REMOVAL:

NATURE OF DEATH:

ETIOLOGY OF DEATH:

WORK-RELATED:

CAUSE OF DEATH:

TRAFFIC/COLLISION BETWEEN VEHICLES:

VICTIM'S LOCATION

1		2	
3	4	5	

VEHICLE (CLASS OF):

VICTIM'S LOCATION

DRIVEN OVER SPECIFY VEHICLE:

DRIVEN OVER BY TRAIN

FIREARM

- TERRORIST ATTACK

BLADED ARM

PRECIPITATION

BURNS

ASPHYXIA

- HANGED

- STRANGLED

- IMMERSION

- SUFFOCATION

EXPLOSION

-TERRORIST ATTACK

DRUGS

TOXICS

CRUSHED SPECIFY WAY

FALL

ELECTROCUTION

OTHERS

-

-

-

PRECEDENTS

- REFERRED

- OBJECTIFIED

PETITION OF ANALYTICS

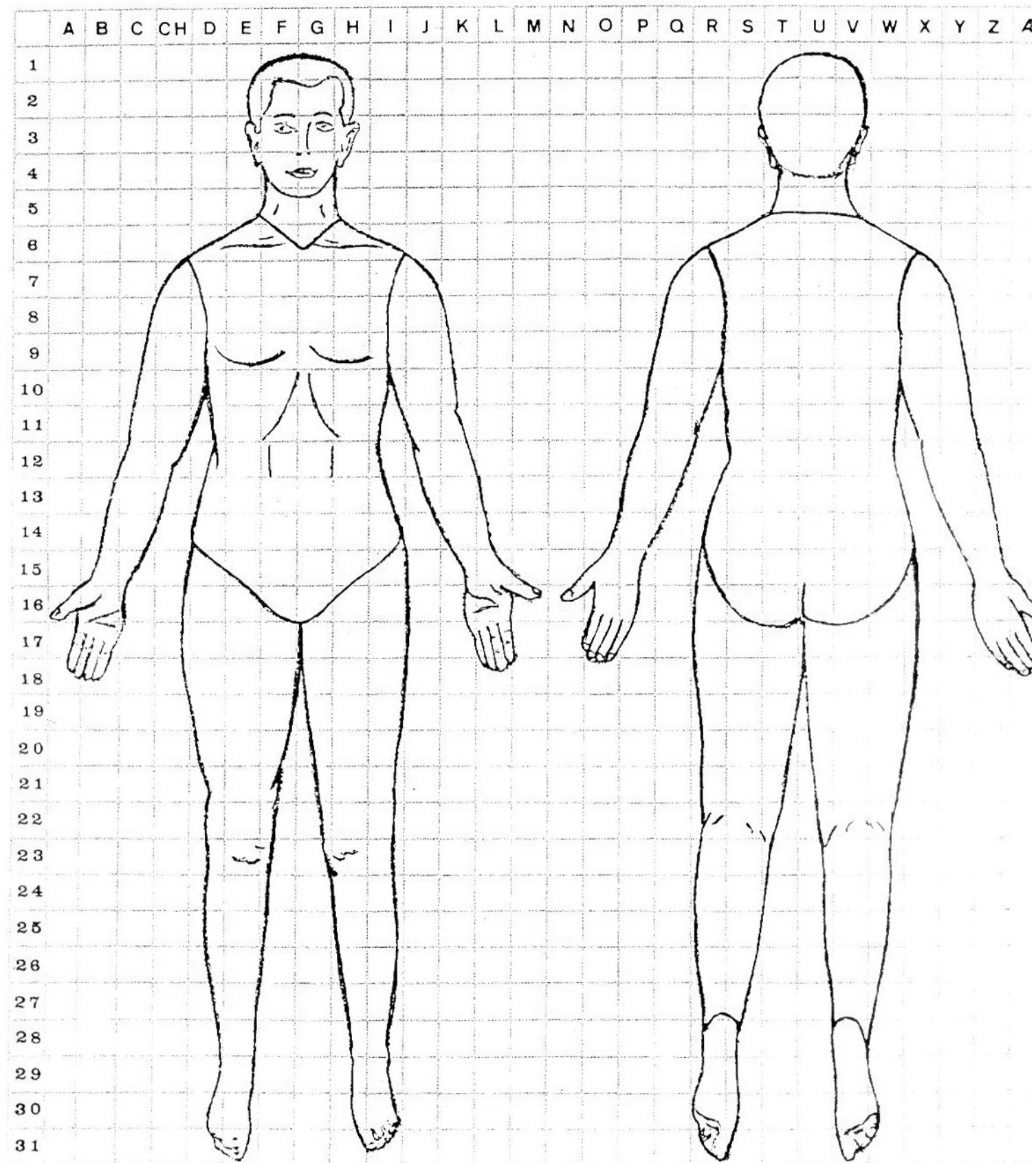
- CHEMICAL-TOXICOLOGIC

- ANATOMO-PATHOLOGIC

- CRIMINALISTIC

- BIOLOGIC

AUTOPSY REPORT



AUTOPSY REPORT

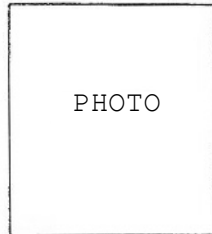
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Æ	
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												
13																												
14																												
15																												
16																												
17																												
18																												
19																												
20																												
21																												
22																												
23																												
24																												
25																												
26																												
27																												
28																												
29																												
30																												
31																												

AUTOPSY REPORT

1

Date (YYYY/MM/DD): _____

Autopsy Nr.: _____



Technique: _____

Corpse from: Family Name _____
Middle Initial _____
Name _____

Age _____ Gender _____ Weight _____ Height _____

Body condition: ☐ Good ☐ Average ☐ Poor
Nutrition: ☐ Good ☐ Average ☐ Poor

Skin colour _____

Hair a) ☐ Black ☐ Brunette ☐ Blond ☐ White ☐ Bald
b) ☐ Straight ☐ Curly ☐ Wavy
Eyes: ☐ Black ☐ Brown ☐ Grey ☐ Blue ☐ Green ☐ _____

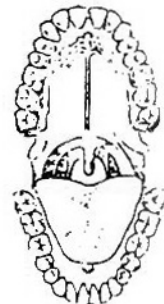
Eyebrows _____ Nose _____ Mouth _____

Ears: Size ☐ Small ☐ Average ☐ Big

FACIAL HAIR:
Moustache _____ Beard _____

Dental condition:
☐ Good ☐ Average ☐ Poor

Pieces missing



Particular markings: Scars _____

Observations: _____

AUTOPSY REPORT

2

CADAVER'S EXAMINATION

Corneas: ☐ Opaque
☐ Transparent
☐ Opalescent

Pupils: ☐ Mydriasis
☐ Miosis
☐ _____

Cadaver's
stiffness: ☐ Complete
☐ Partially conserved
☐ Surpassed

Rectal temp. ____
Evolution

Cadaver lividities: ☐ Fixed
☐ Variable
☐ Do not exist or are minimal

Putrefaction: ☐ No external manifestations
☐ Present:

TRAUMATOLOGICAL EXAM

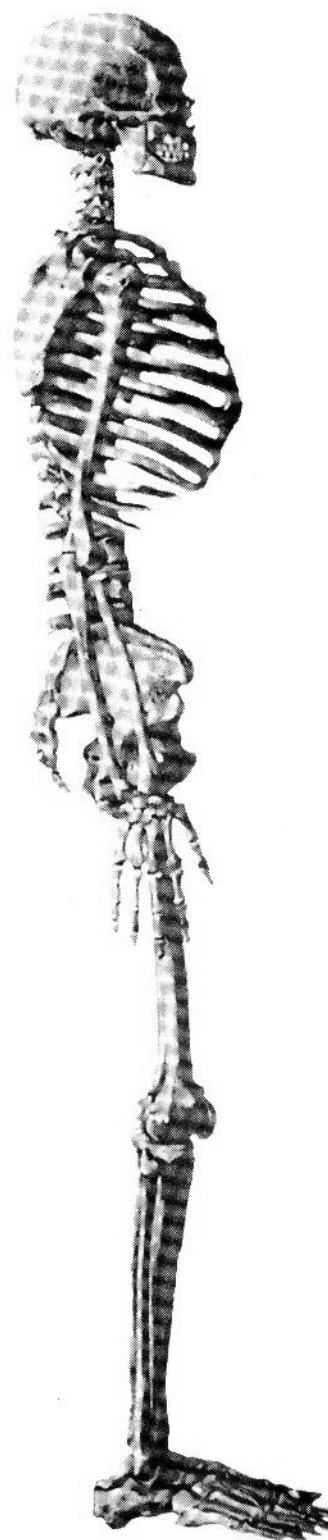
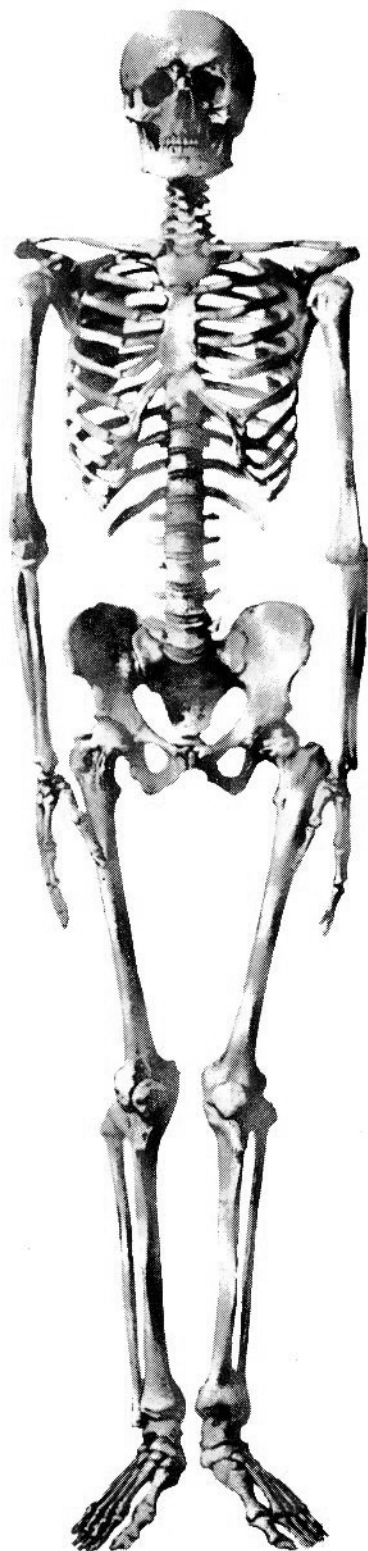
AUTOPSY REPORT

CORONER'S OFFICE

3

AUTOPSY PROTOCOL

AUTOPSY Nr. /



AUTOPSY REPORT

4

CORONER'S OFFICE

AUTOPSY PROTOCOL

AUTOPSY Nr. /

MEASUREMENTS SHEET

Length of the corpse	cms./ft.inch.
Cephalic Perimeter	cms./ft.inch.
Body weight	kgrs./lbs.
Abdominal adipose depot (navel)	mms./inches

PERICARDIAL CAVITY

Pericardial Cav. Fluid	ml/oz	Heart (weight)	gr/oz
Right ventricle thickness	mm/in	Left ventricle's thickness	mm/in
Interventricular septum's thickness	mm/in	Atrium'sr thickness	mm/in
Mitral valve's perimeter	mm/in	Aortal valve's perimeter	mm/in
Tricuspid valve's perimeter	mm/in	Pulmonary valve's perimeter	mm/in
Pulmonary artery's perimeter	mm/in	Ascending Aorta's perimeter	mm/in
Thoracic aorta's perimeter	mm/in	Abdominal aorta's perimeter	mm/in

THORAX

Pleural cavity's fluid	ml/oz		
Right lung (weight)	grs/oz	Left lung (weight)	gr/oz

ABDOMINAL CAVITY AND PELVIS

Peritoneal cavity's fluid	ml/oz		
Liver	grs/oz	Spleen	gr/oz
Pancreas	grs/oz		
Right kidney	grs/oz	Left kidney	gr/oz
Right adrenal gland	grs/oz	Left adrenal gland	gr/oz
Right testicle	grs/oz	Left testicle	gr/oz
Uterus	grs/oz		
Right ovary	grs/oz	Left ovary	gr/oz

OTHERS

Thyroid	grs/oz	Thymus	gr/oz
Pituitary gland	grs/oz		
Encephalous (whole)	grs/oz		
Brain	grs/oz	Cerebellum	gr/oz

AUTOPSY REPORT

5

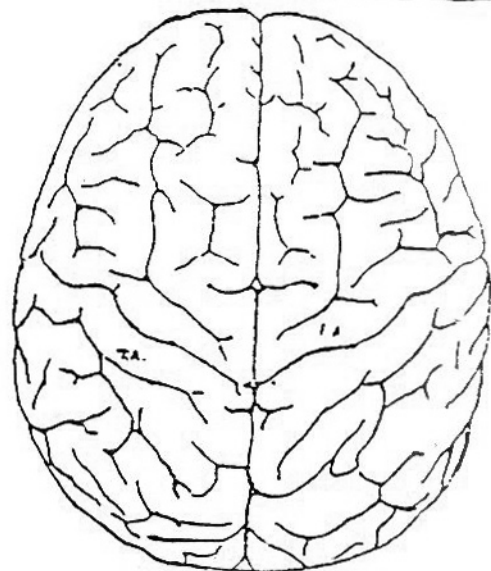
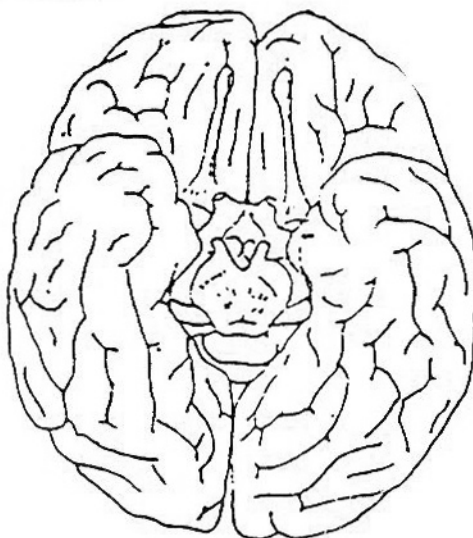
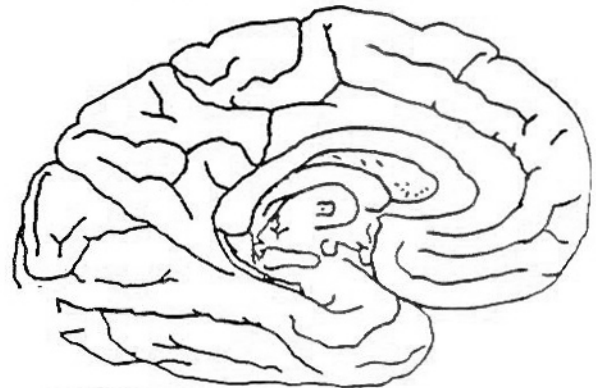
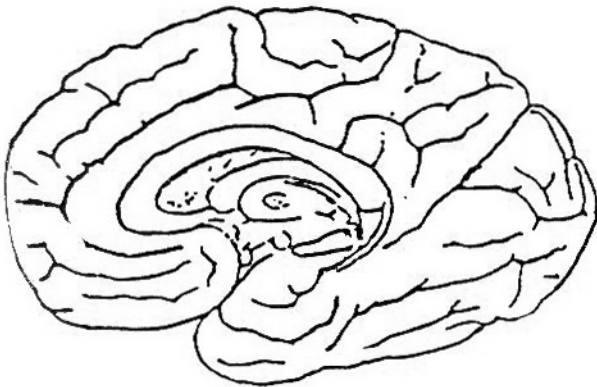
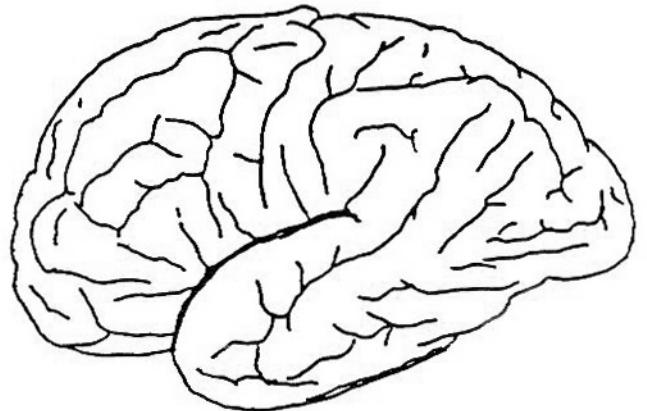
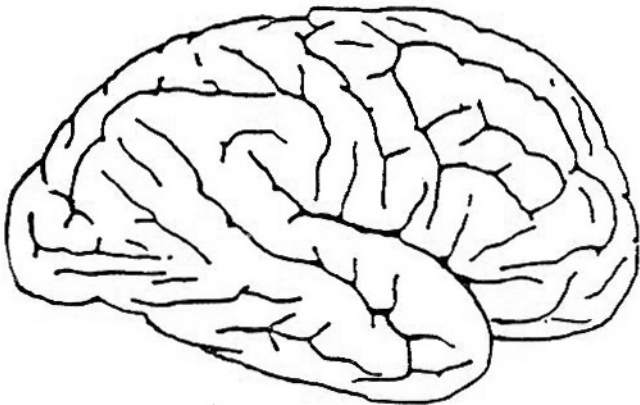
CORONER'S OFFICE

AUTOPSY PROTOCOL

AUTOPSY Nr. /

CENTRAL NERVOUS SYSTEM: ORGANS OF THE SENSES

Meniges:[] Dura [] Pia	[] Epidural sp.	[] Subdural sp.	[] Fluids
[] Faix/tentorium	[] Venous sinuses	[] C. of Willis	[] M. Cer. Art.
ENCHEPHALOUS grs/oz:	[] Stem grs/oz:	[] Ext. area	[] Cer. Aqueduct
[] Cerebral peduncles	[] Pons	[] Cerebellar peduncles	
[] Medulla oblongata	[] IV ventricle	[] Choroid plexus	[] Vessels
[] Cerebellum grs/oz:	[] External area	[] Grey mat.	[] White mat. [] Nuclei



AUTOPSY REPORT

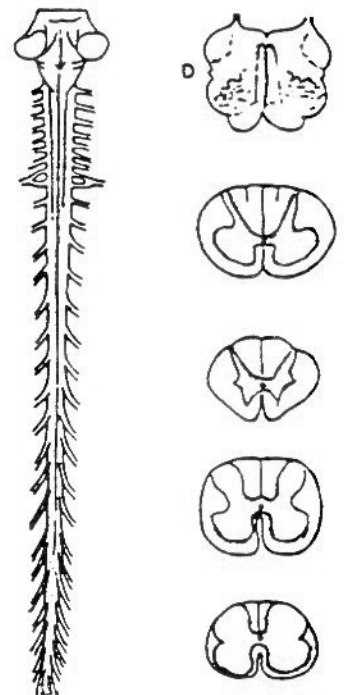
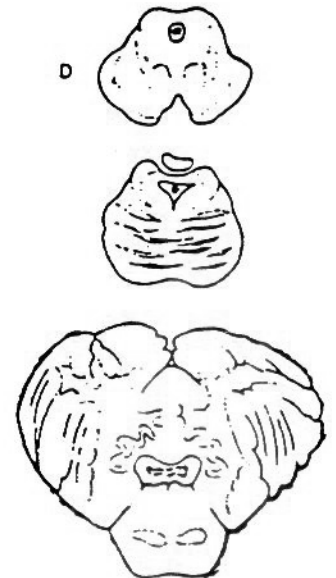
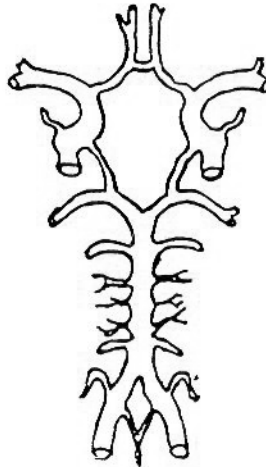
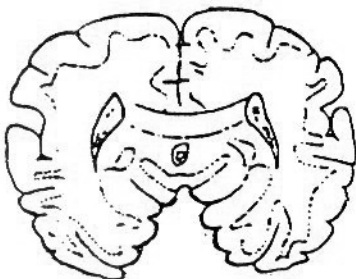
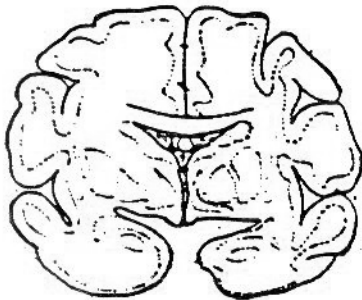
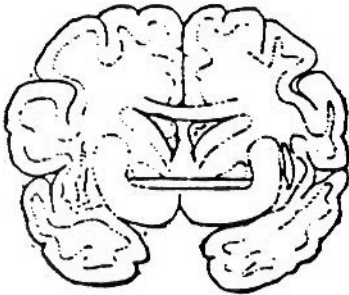
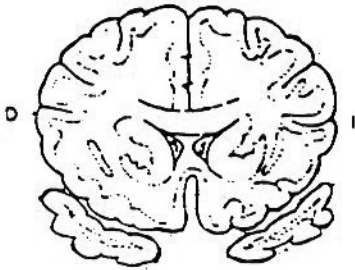
6

CORONER'S OFFICE

AUTOPSY PROTOCOL

AUTOPSY Nr. /

VERTEBRAL FORAMEN: Meninges ☐ Dura ☐ Pia ☐ Cerebrosp. fluid ☐ Vessels
☐ Spinal cord: ☐ Cervical ☐ Dorsal ☐ Lumbar ☐ Sacral ☐ Tail
☐ Dorsal Root Ganglions



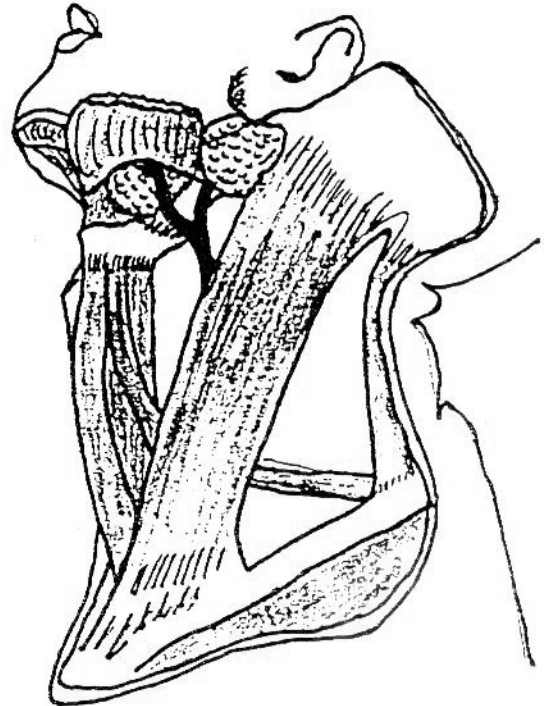
AUTOPSY REPORT

7

CORONER'S OFFICE

AUTOPSY PROTOCOL

AUTOPSY Nr. /



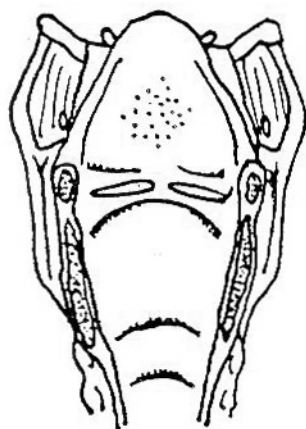
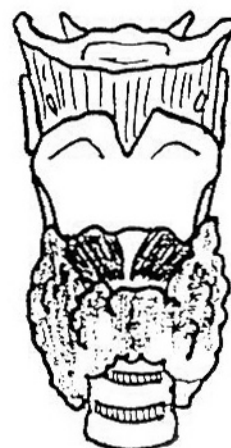
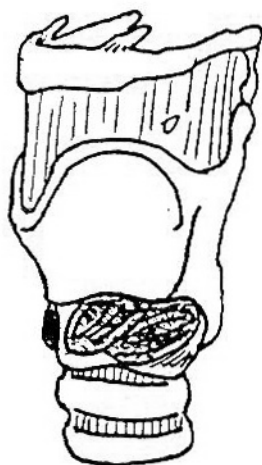
AUTOPSY REPORT

8

CORONER'S OFFICE

AUTOPSY PROTOCOL

AUTOPSY Nr. /



AUTOPSY REPORT

9

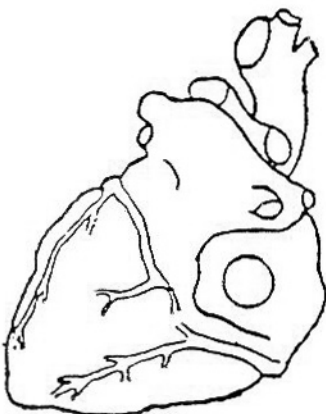
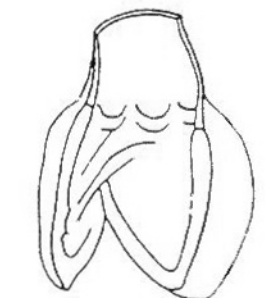
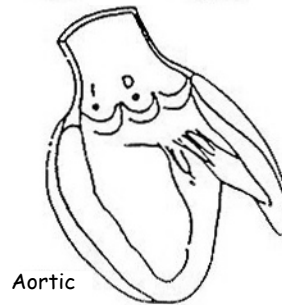
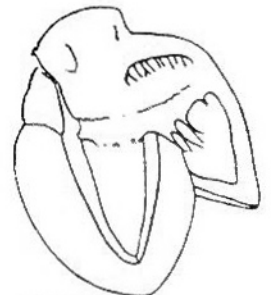
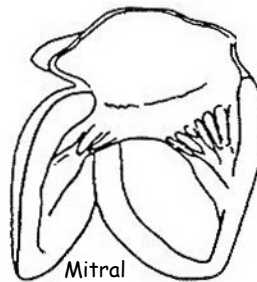
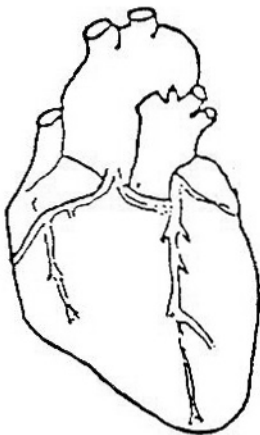
CORONER'S OFFICE

AUTOPSY PROTOCOL

AUTOPSY Nr. /

CIRCULATORY SYSTEM

<input type="checkbox"/> Malformations		<input type="checkbox"/> Pericardial sac and cavity	
<input type="checkbox"/> Heart	grs/oz	<input type="checkbox"/> Epicardium	<input type="checkbox"/> Myocardium <input type="checkbox"/> Endocardium
RIGHT		LEFT	
<input type="checkbox"/> Auric. mms/in	<input type="checkbox"/> Ventr. mm/in	<input type="checkbox"/> Auric. mm/in	<input type="checkbox"/> Ventr. mm/in
<input type="checkbox"/> Atrial Appendage		<input type="checkbox"/> Atrial Appendage	
<input type="checkbox"/> Tricuspid mm/inches		<input type="checkbox"/> Mitral mm/inches	
<input type="checkbox"/> Interauricular septum mm/inches		<input type="checkbox"/> Interventr. septum mm/inches	
<input type="checkbox"/> Ostium secundum		<input type="checkbox"/> Coronary vessels	
<input checked="" type="checkbox"/> Indicates no macroscopic anomalies			



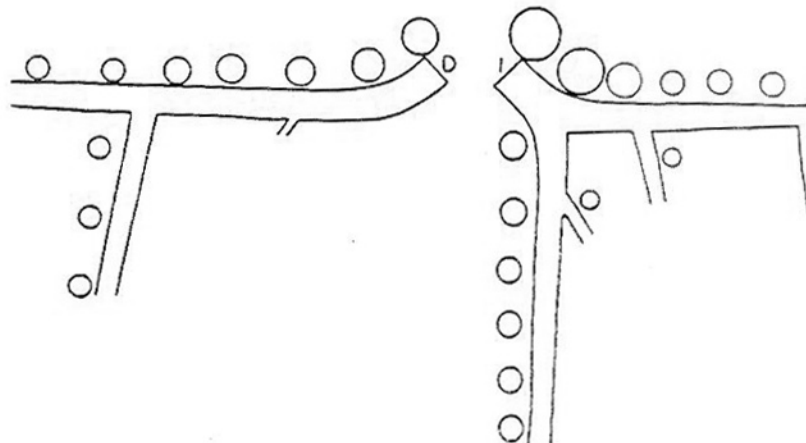
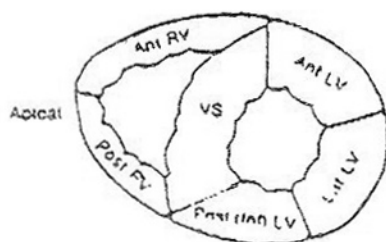
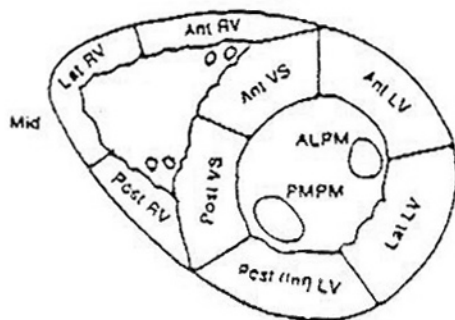
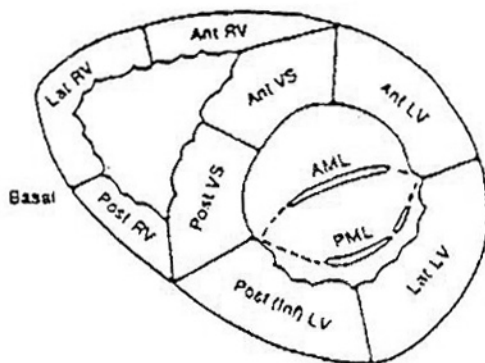
AUTOPSY REPORT

CORONER'S OFFICE

10

AUTOPSY PROTOCOL

AUTOPSY Nr. /

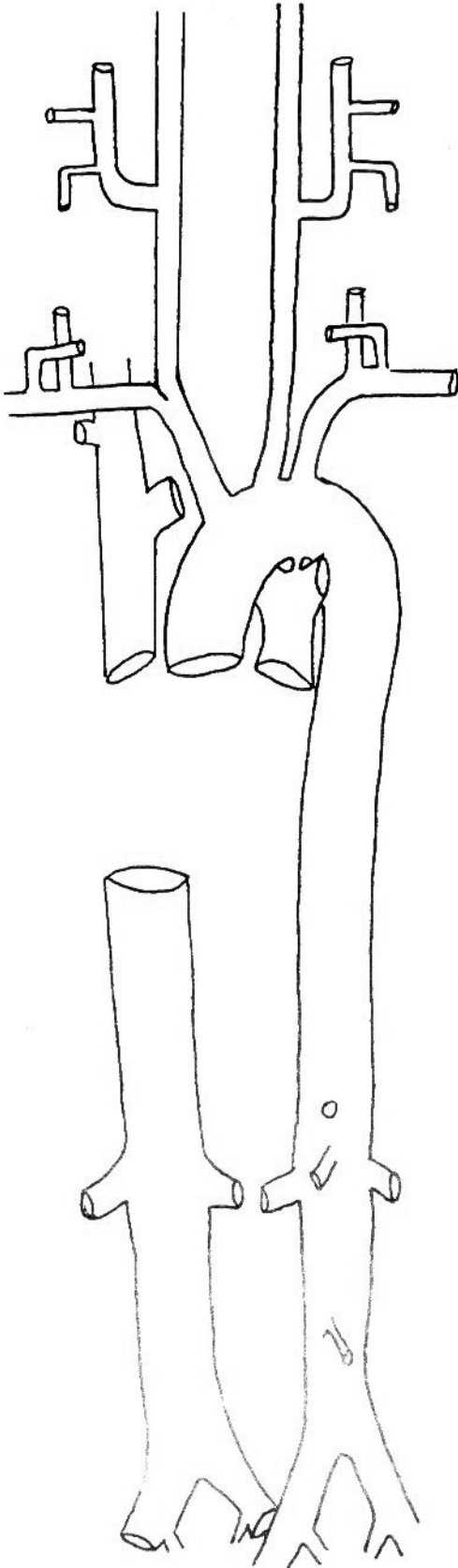


AUTOPSY REPORT

CORONER'S OFFICE

AUTOPSY PROTOCOL

AUTOPSY Nr. /



AUTOPSY REPORT

12

CORONER'S OFFICE

AUTOPSY PROTOCOL

AUTOPSY Nr. /

DIGESTIVE APPARATUS

CONTENTS OF THE TRACT

APPROXIMATE TIME OF LAST FOOD INGESTION

PRESENCE OF STRANGE BODIES

OTHER TOXICOLOGICAL EXAMS

AUTOPSY REPORT

13

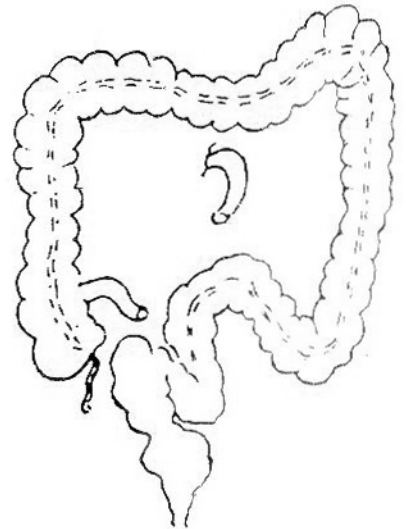
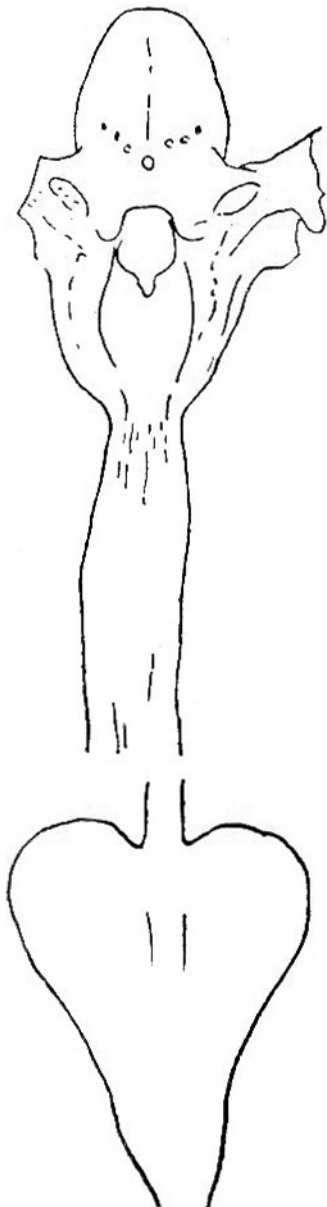
CORONER'S OFFICE

AUTOPSY PROTOCOL

AUTOPSY Nr. /

<input type="checkbox"/> Bucal cavity	<input type="checkbox"/> Stomach	<input type="checkbox"/> Peritoneum/peritoneal cavity
<input type="checkbox"/> Tongue	<input type="checkbox"/> Duodenum	<input type="checkbox"/> Mesentery
<input type="checkbox"/> Tonsils	<input type="checkbox"/> Jejunum-Ileon	<input type="checkbox"/> Epiploic app.
<input type="checkbox"/> Salivary glands	<input type="checkbox"/> Appendix	<input type="checkbox"/> Abdominal arterial vesels
<input type="checkbox"/> Esophagus	<input type="checkbox"/> Colon	<input type="checkbox"/> Subdiaphragmatic regional
<input type="checkbox"/> Supra-diaphragmatic regional lymphatic ganglia	<input type="checkbox"/> Rectum	lymphatic ganglia
<input type="checkbox"/> Anus		

[X] Indicates no macroscopic anomalies



AUTOPSY REPORT

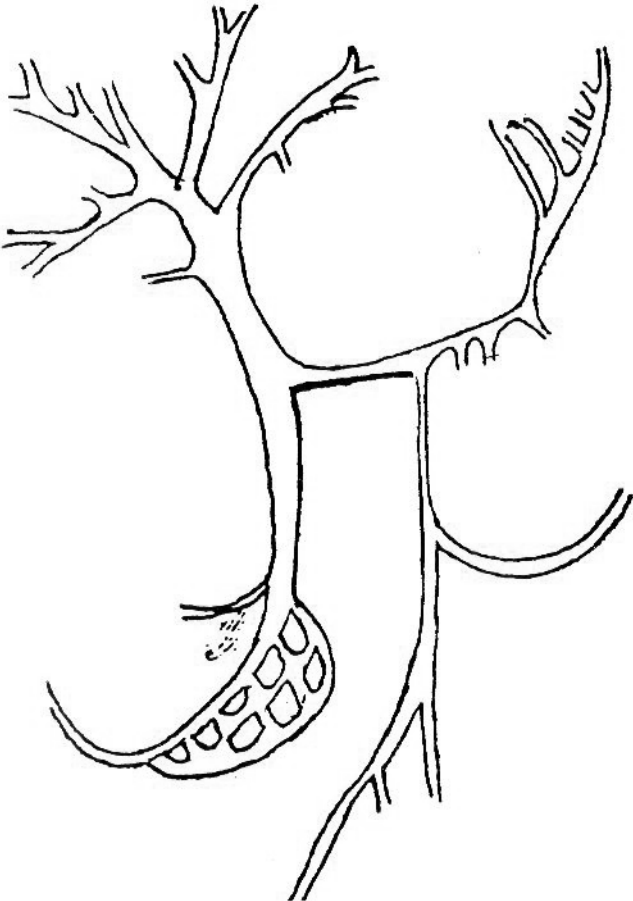
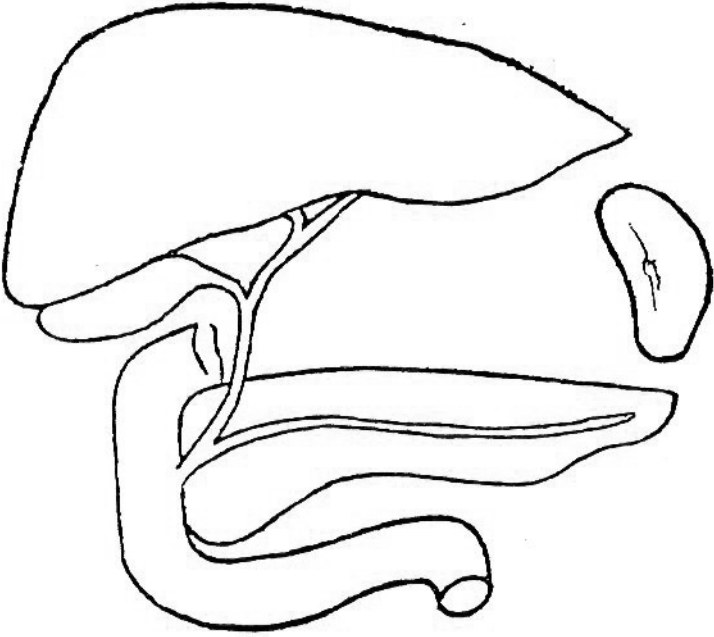
14

CORONER'S OFFICE

AUTOPSY PROTOCOL

AUTOPSY Nr. /

<input type="checkbox"/> Liver	grs/oz	<input type="checkbox"/> Pancreas
<input type="checkbox"/> Gallbladder		<input type="checkbox"/> Spleen
<input type="checkbox"/> Bile ducts		<input type="checkbox"/> Vena Porta System



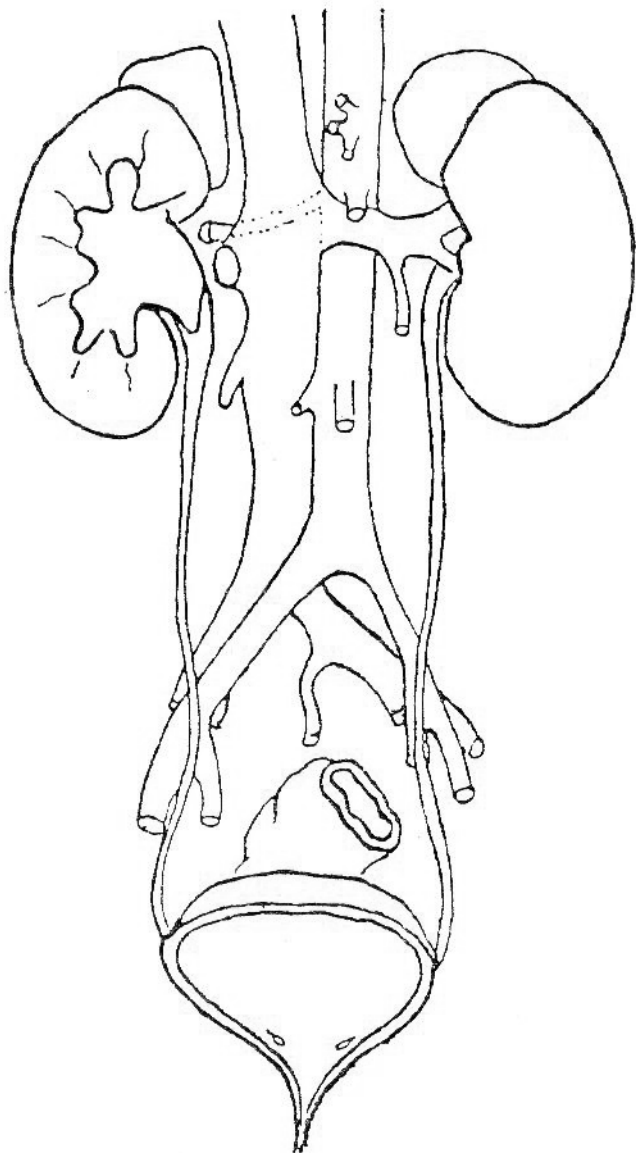
CORONER'S OFFICE

AUTOPSY PROTOCOL

AUTOPSY Nr. /

URINAL SYSTEM

RIGHT	LEFT
<input type="checkbox"/> Perirenal tissues	<input type="checkbox"/> Perirenal tissues
<input type="checkbox"/> Kidney grs/oz	<input type="checkbox"/> Kidney grs/oz
<input type="checkbox"/> Pelvis <input type="checkbox"/> Ureter	<input type="checkbox"/> Pelvis <input type="checkbox"/> Ureter
<input type="checkbox"/> Renal vessels	<input type="checkbox"/> Renal vessels
<input type="checkbox"/> Urinary bladder	
<input type="checkbox"/> Urethra	
<input type="checkbox"/> Regional lymphatic ganglia	
<input checked="" type="checkbox"/> Indicates no macroscopic anomalies	



AUTOPSY REPORT

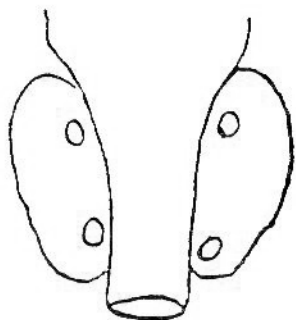
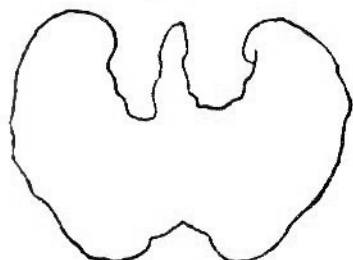
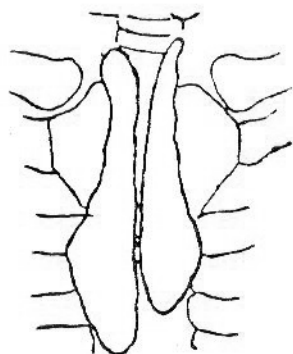
16

CORONER'S OFFICE

AUTOPSY PROTOCOL

AUTOPSY Nr. /

<input type="checkbox"/> Epiphysis	<input type="checkbox"/> Hypophysis	<input type="checkbox"/> Thyroids
<input type="checkbox"/> Parathyroids	<input type="checkbox"/> Thymus	<input type="checkbox"/> Suprarenal
		<input type="checkbox"/> Cortex <input type="checkbox"/> Medulla
<input checked="" type="checkbox"/> Indicates no macroscopic anomalies		



AUTOPSY REPORT

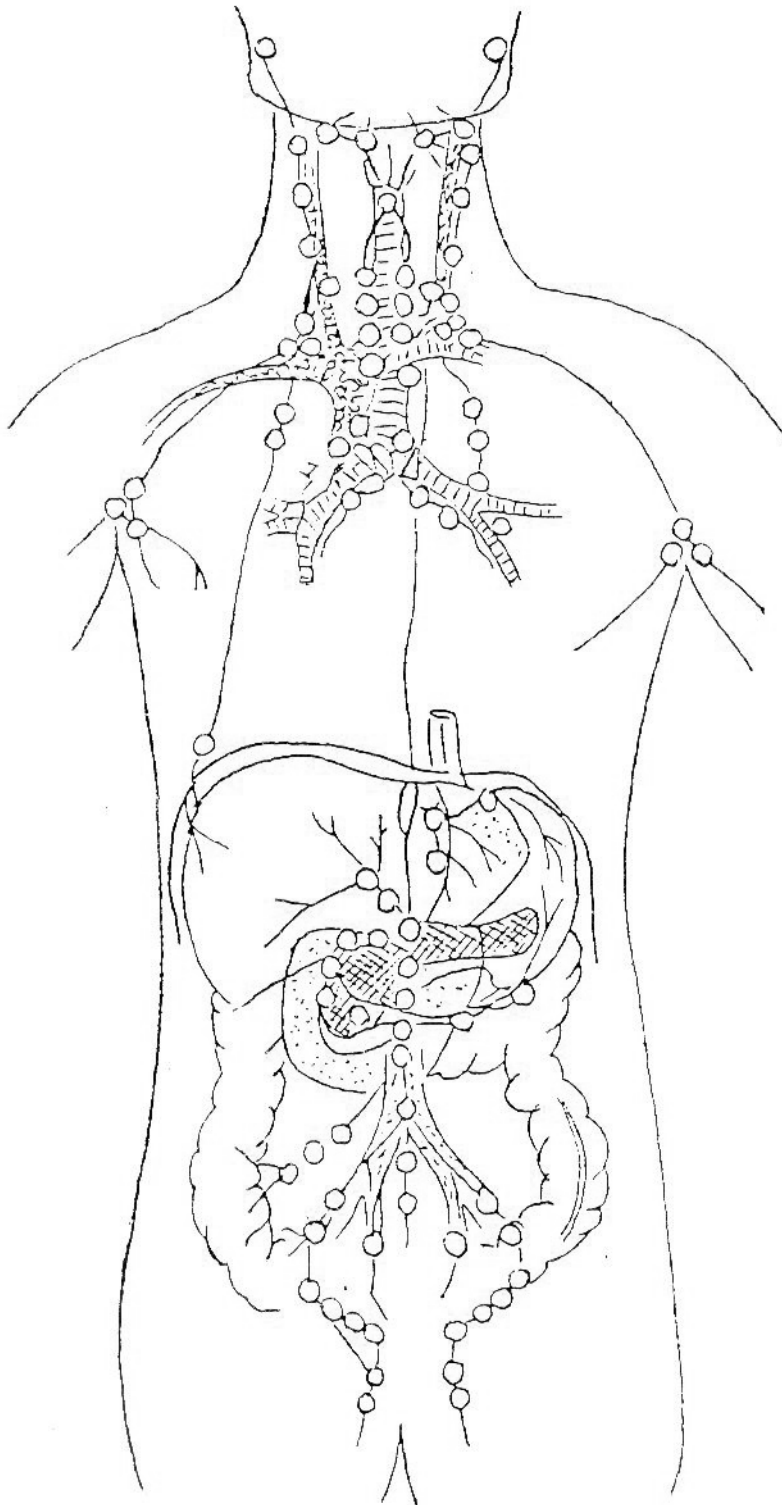
17

CORONER'S OFFICE

AUTOPSY PROTOCOL

AUTOPSY Nr. /

LYMPHATIC SYSTEM



AUTOPSY REPORT

18

Considerations:

Conclusions:

Asked for:

A) Anatomo-pathological study of:

1. _____ for suspicion of _____
2. _____ for suspicion of _____
3. _____ for suspicion of _____
4. _____ for suspicion of _____
5. _____ for suspicion of _____

B) Toxicological study for suspicion of intoxication from:

Attached:

C) Radiologic study of

Examiner: Dr.
Court:

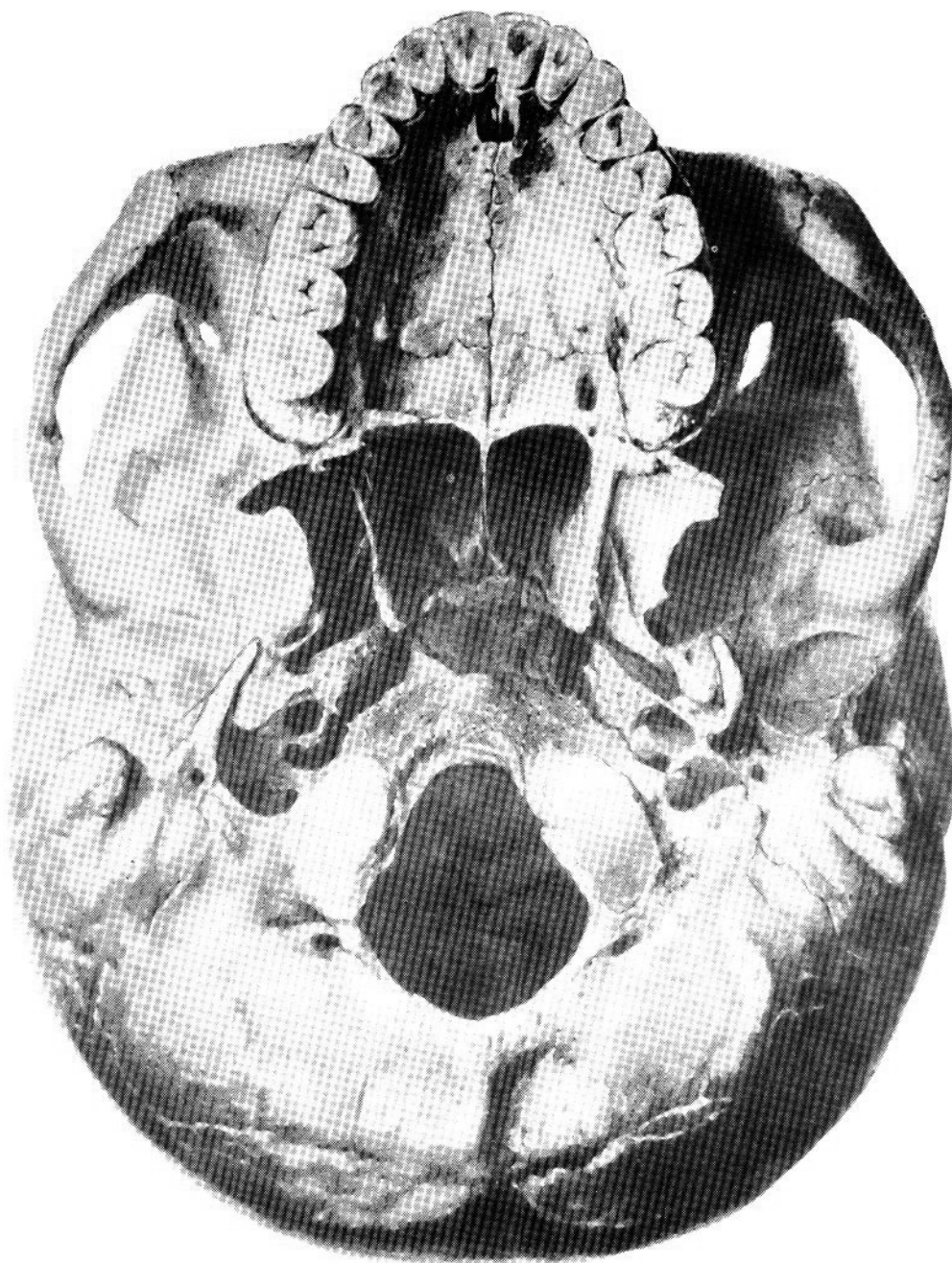
Case nr.:

AUTOPSY REPORT

CORONER'S OFFICE

AUTOPSY PROTOCOL

AUTOPSY Nr. /

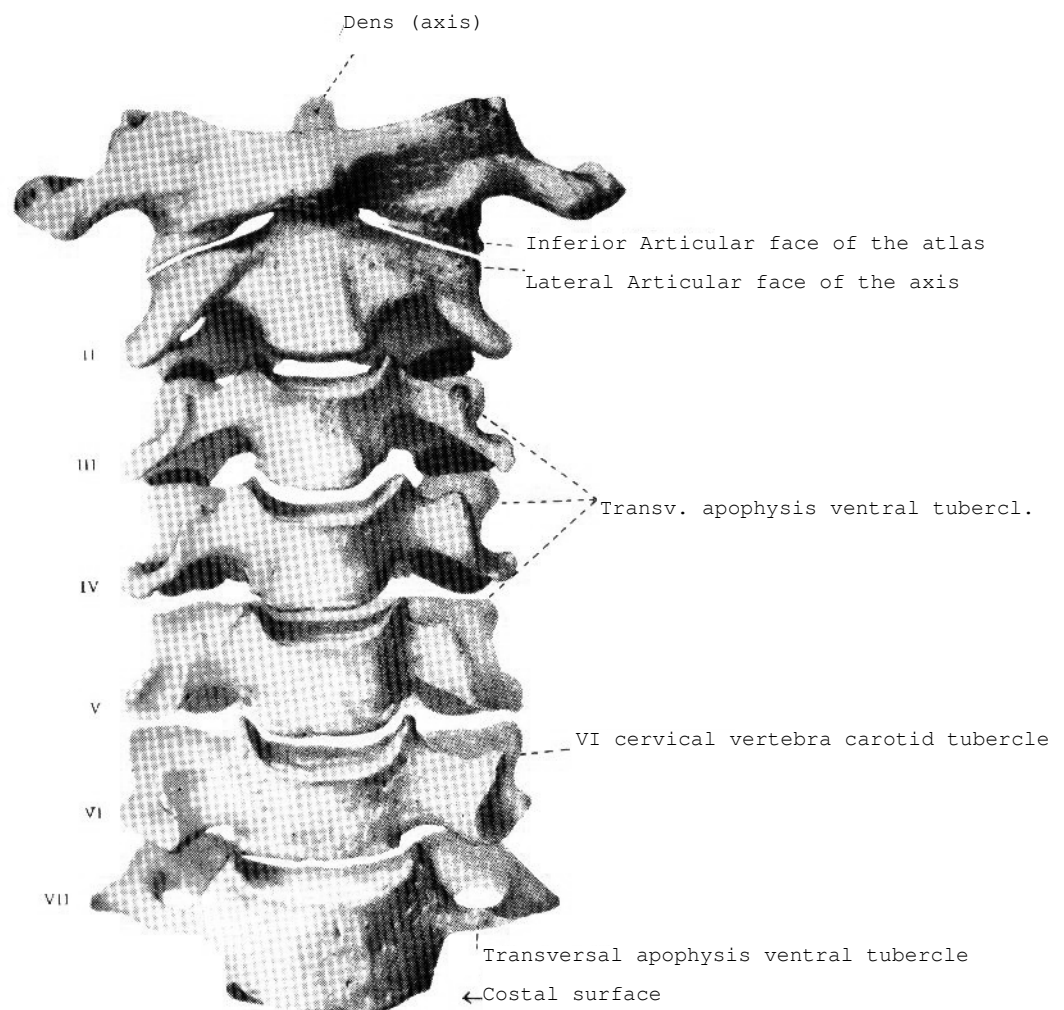


AUTOPSY REPORT

CORONER'S OFFICE

AUTOPSY PROTOCOL

AUTOPSY Nr. /

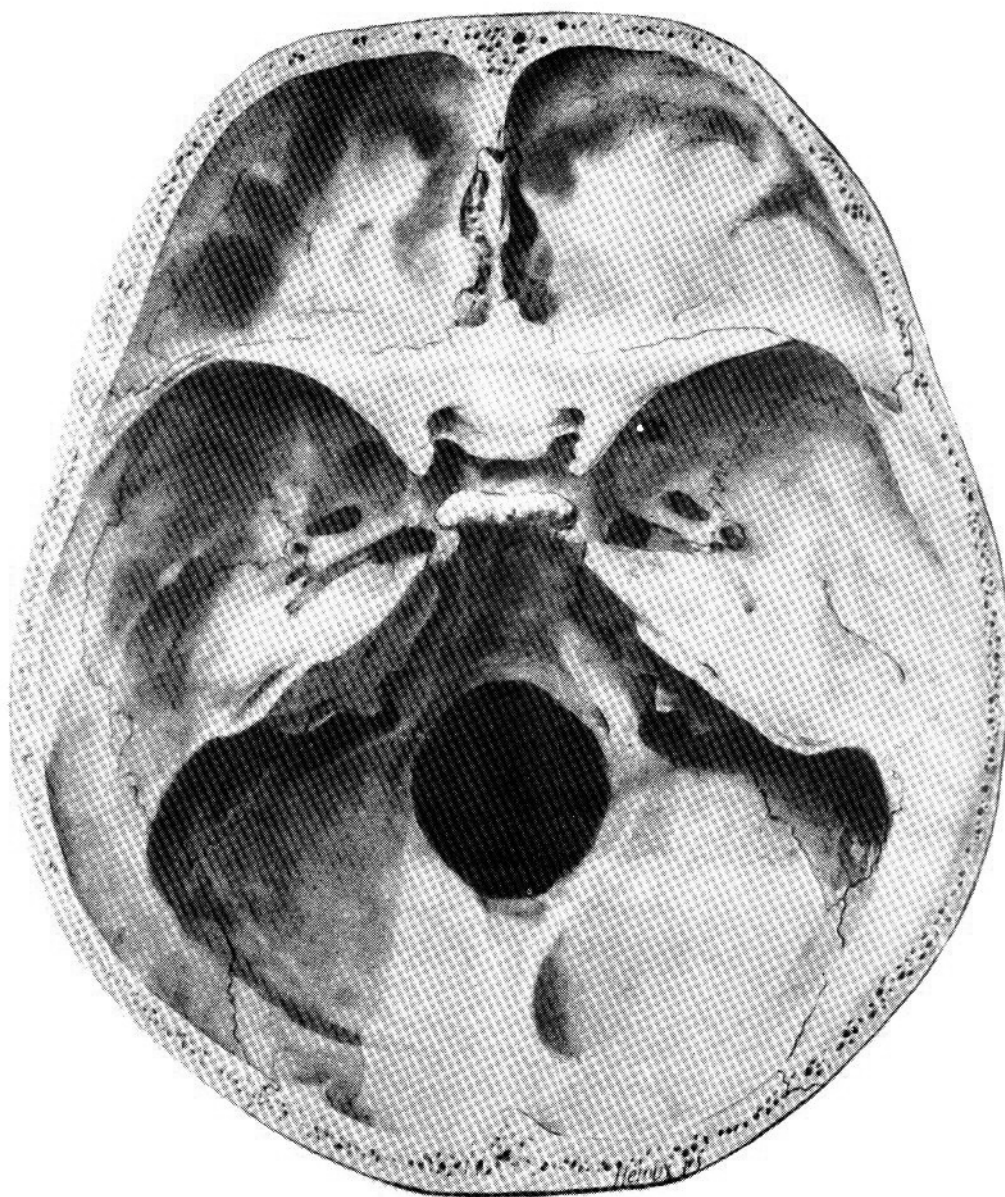


AUTOPSY REPORT

CORONER'S OFFICE

AUTOPSY PROTOCOL

AUTOPSY Nr. /



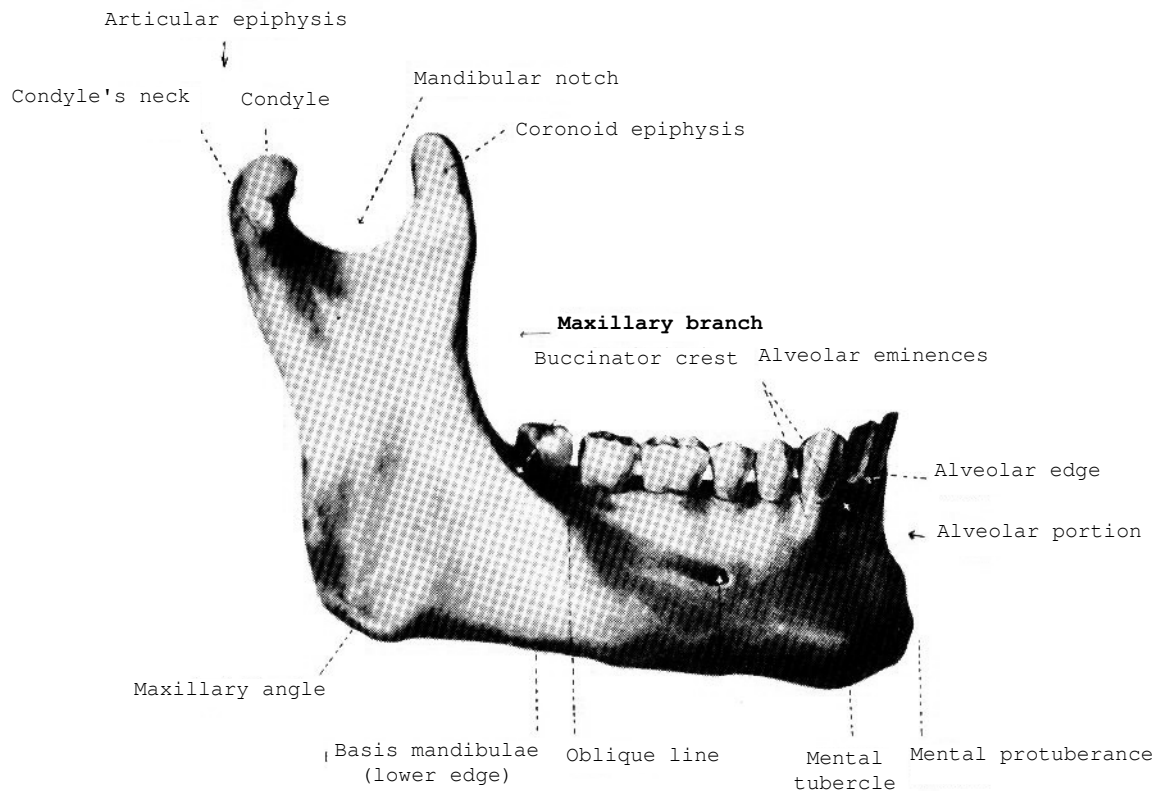
AUTOPSY REPORT

CORONER'S OFFICE

AUTOPSY PROTOCOL

AUTOPSY Nr. /

Cranial bones



Body of mandible

Inferior maxillary bone (mandibule)
right half, as seen laterally

order		sheet		N.º de { biogr. exped.	
10. Little	Simultaneous impressions	5. LITTLE	Right Hand		
9. Ring		4. RING			
8. Middle		3. MIDDLE			
7. Index		2. INDEX			
6. Thumb		1. THUMB			
CORONER'S OFFICE					

Listing of infectious diseases transmitted by pathogenous agents whose presence qualifies a corpse as type I

- | | |
|---|---|
| 1.- Haemorrhagic Fever from Crimea-Congo. | 9.- Rabbits. |
| 2.- Lassa Fever. | 10.- Plague. |
| 3.- Marburg. | 11.- Anthrax (Bacillus Anthracis). |
| 4.- Ebola. | 12.- Diphtheria. |
| 5.- Argentinian Haemorrhagic Fever (Junin). | 13.- Cholera. |
| 6.- Bolivian Haemorrhagic Fever (Machupo). | 14.- Q Fever. |
| 7.- Encephalitic complex transmitted by vector arthropods arbovirus): Absettarow, Hanzalova, Hypr, Kumlinge, Kyasanur forest disease, Haemorrhagic Fever of Omsk, Spring/Summer Russian Encephalitis. | 15.- Creutzfeldt-Jakob or others produced by prions |
| 8.- Herpesvirus simiae, B virus. | 16.- Paralytic poliomyelitis. |
| | 17.- Rickettsia prowazekii Typhus. |
| | 18.- Yellow Fever. |

"Locales for the execution of autopsical clinical analysis must obey these regulations:

- a) Autopsies' room with a minimum size of 20 square meters (215.28 sq ft), equipped with an autopsies' table, running water -hot and cold-, aspiration system, usable sink, anti-return mechanism, proper electrical lightning, direct or forced ventilation and, in any case, an air extraction system directly linked to the outside.
- b) Corpses' freezers with a capacity of two corpses for every two hundred hospitalization beds (or fraction thereof).
- c) Toilets with hot and cold water showers.
- d) Office for a secretary.
- e) Histopathologic laboratory (own or concerted).
- f) Filing facilities for pieces, preparations, reports and photographs (own or concerted).

All the facilities should be equipped with the necessary furniture, tools and set of instruments."



Three Fourteen Games .: 3002b