

Syphilis in the adrenals

by

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(With plates 34-39).

Histopathological syphilitic lesions in the adrenals have latterly been the object of special researches and references in the literature on this subject.

Of late, professor SIMMOND, of Hamburg, and ALDRED SCOTT, professor of Michigan University, the former in his research-work on congenital syphilis of the adrenals, the latter in the study of the effects of syphilis on the different organs, published more detailed observations modelled on previous researches, which had not until then led to a series of coordinated conclusions. SIMMOND (1) describing the characteristic lesions of congenital syphilis of the adrenals considers the thickening of the capsule, observed by him in all the 18 cases he studied, as the pathognomonic lesion. He calls this thickening *perihypernephritis syphilitica*.

Besides this he indicates the infiltrations of lymphocytes in the cortex, which he does not consider as a primitive manifestation of the morbid process but as a the spreadnig of the process from the capsule.

In 1916, ALDRED SCOTT (2) published an article on «The persistence of active lesions and spirochetes in the tissues of clinically inactive or cured syphilis», quoting 6 cases of syphilitic lesions of the adrenals observed out of 41 autopsies. In the order of frequency as sites of this lesions he considers the adrenals to take the fourth place.

He gives the following order aorta, heart, testicle, adrenals, central nervous system, liver and spleen. In these he found infiltrations of mononuclear leucocytes in the medulla and in the limits between cortex and medulla with spiro-

1—Virchow's Archiv, 1914, Bd 216.

2—The American Journal of Medical Sciences, 1916, v. 125.

chetes in the infiltrated sites. Two years later, in 1918, he (3) returned to the subject, publishing an original article, under the title of «The new pathology of syphilis», with a page on the adrenals, the lesions of which he described with more detail illustrating them with a microphotograph in support of his previous views.

Identical observations had already been previously made not only by **FORDYCE** (4) who observe that all lymphatic lesions begin in the perivascular lymphatic spaces as infiltrations of lymphocytes and of plasma-cells, but also by **VAN GIERKE** who describes a case of infiltration of the medulla with perivascular infiltration, pronounced alteration of the cortex and inflammatory process of the capsule.

My own observations, which follow, were carried out in the Department for Pathological Anatomy of the Institute Oswaldo Cruz.

They refer to 90 autopsies on syphilitic subjects, whose diagnosis had been made not only by macroscopical but also by histological methods. Out of this number 75 showed adrenal lesions, specific in the acceptation of all the authors. The lesions found were as follows.

I) Infiltrations of lymphocytes and plasma-cells 63 %, mostly perivascular, inside or outside the capsule, or less often in the cortex or dispersed in the organ.

II) Thickening of the capsule 31 %, with pericapsular infiltrations.

III) Limited fibroses 3,3% (see note X).

We did not observe any cases of calcified gummata with giant-cells, atrophy of the capsule or simple proliferation of the fibroblasts, these the literature as rare. We were, however able to confirm **SCOTT**'s observation of spirochetes in the zones of diffuse infiltration of lymphocytes as will be seen in Figs. 10 and 11 (from autopsy 1457, as also 5 and 6) reproducing, impregnated by **LEVADITI**'s process, sections from one of the adrenals with the most extensive lesions.

As we could not dispose of clinical observations on the cases submitted to us for anatomo-pathological investigation we were unable to establish the connection between the lesions found and the clinical symptoms that might have been observed.

It is certain that in lesions of any kind localised in the adrenals (Addison's disease), extensive bilateral lesions are very uncommon, and only rarely make themselves felt by clinical symptoms. The cases found in the literature on the subject reporting cures by specific anti-syphilitic treatment are even more uncommon. And yet, according to my opinion, the histological verification of the lesions of syphilitic origin in the adrenals is not merely of anatomical interest but is also a valuable element for the pathological diagnosis of the disease since it is by itself sufficient to

(x)—Besides the above mentioned syphilitic lesions I observed 20 capsules with adenomata, 19 with lipoidosis of the cortex 1 with tuberculosis 1 with malign tumour, 2 with haemorrhage, 11 with hyperaemia.

(x)—Virchow's Archiv. B. 172, 1903.

Beiträge zur Patholog. Anatomie und zur Allg. Pathologie Bd. 62, 1916.

Annales de Dermat. et de Syphiligraphie, 1905, 638, 212.

Annales des Maladies Vénériennes, 1911, 320.

Gazette des Ho. 1317, 1914.

New York Medical Journal 1916.

(3)—The American Journal of Syphilis, 1918.

(4)—Fordyce, Amér. Journ. of Med. Sciences, v. 149, 1915.

characterise it. Its undeniable value is enhanced by the frequency (83%) with which I observed it as a result of syphilis.

I will now proceed to the protocols of each of my observations in which the histological confirmation of syphilis in the different organs and more specially the description of lesions of any kind of the adrenals will be found.

Autopsy no. 1005

Sex: Male.

Age: 27 years.

Nationality: Brazilian.

Anatomical Diagnosis: Encephalitis syphilitica hemispherii sinistri. Cicatrix penis. Hyperaemia hepatis et partium inferiorum pulmonum. Perisplenitis et atrophia lienis. Varus equinus.

Histological verification of syphilis: Brain. Adrenals.

Adrenals: Thickening of the capsule.

Autopsy no. 1011.

Sex: Male.

Age: 53 years.

Nationality: Portuguese.

Anatomical Diagnosis: Atrophia et dilatatio ventriculi et auriculae utriusque. Sclerosis valvulae aorticae. Leishmaniosis nasis. Cicatrix cutis mucosae nasi et penis. Leucoma. Petechiae intestini tenuis submucosae. Nephritis chronica. Ankylostomiasis. Aortitis. Syphilis.

Histological verification of syphilis: Aorta. Skin. Endocardium. Nose. Adrenals.

Adrenals: Infiltration of lymphocytes and plasma-cells in the innermost part of cortex. Perivascular infiltration. Thrombosis.

Autopsy no. 1115.

Sex: Male.

Age: 32 years.

Nationality: Portuguese.

Anatomical Diagnosis: Mesaortitis luetica. Sclerosis valvularum aortae. Dilatatio ventriculi utriusque. Hypertrophia

ventriculi dextri. Haemorrhagiae epicardii pleurae et nodorum peribronchialium. Infarctus pulmonis. Hydrothorax dexter. Hyperaemia renum et hepatis. Hyperplasia nod. lymph. intestini tenuis. Taenia. Leptomeningitis chronica luetica. Encephalomalacia.

Histological verification of syphilis: Aorta. Endocardium. Lymphatic glands. Brain. Adrenals.

Adrenals: Perivascular infiltration of lymphocytes. Adenomata of capsule. Hyperaemia. Lipoidosis of cortex.

Autopsy no. 1123.

Sex: male.

Age: 64 years.

Nationality: Portuguese.

Anatomical Diagnosis: Encephalomalacia cystica cerebri. Mesaortitis luetica. Contraturae musculorum. Cicatrices cutaneae. Decubitus. Fibrosis testis dextri. Atrophia cordis. Nephritis chronica interstitialis. Hyperaemia et atrophia hepatis. Hypostasis et oedema pulmonis. Pleuritis et pericarditis chronica adhesiva. Cystitis chronica ulcerativa. Thrombosis sinus meningis.

Histological verification of syphilis: Aorta. Skin. Testicle. Brain. Adrenals.

Adrenals: Infiltration of lymphocytes and plasma-cells, unequally distributed, perivascular, internal layer of cortex. Connective tissue outside capsule. Thickening of capsule. Lipoidosis of capsule.

Autopsy no. 1131.

Sex: Female.

Age: 30 years.

Nationality: Brazilian.

Anatomical Diagnosis: Salpingo-oophoritis purulenta acuta dupla. Perimetritis chronica. Peritonitis fibrino purulenta. Anaemia. Aortitis luetica (gumma). Pleuritis adhesiva chronica. Perisplenitis chronica. Degeneratio acuta hepatis et renum. Cicatrices cruris. Trichoccephaliasis.

Histological verification of syphilis: Aorta. Skin. Adrenals.

Adrenals: Perivascular infiltration of lymphocytes and plasma-cells. Slight perivascular fibrosis. Thickening of capsule.

Autopsy n^o. 1132.

Sex: Male.

Age:

Nationality:

Anatomical Diagnosis: Malaria. Hyperplasia et pigmentatio lienis. Pigmentatio hepatis. Tuberculosis chronica peribronchialis pulmonum. Degeneratio renum. Sclerosis aortae (syphilis). Cicatrices cutanea, penis et cruris (syphilis). Alopecia (syphilis). Ankylostomiasis. Ascariasis.

Histological verification of syphilis: Aorta. Skin. Adrenals.

Adrenals: Perivascular infiltration of lymphocytes and plasma-cells, outside capsule and cortex. Adenoma of capsule.

Autopsy n^o. 1150.

Sex: Male.

Age: 32 years.

Nationality: Brazilian.

Anatomical Diagnosis: Pneumonia cruposa. Bronchopneumonia. Mesaortitis syphilitica. Hepatomegalia. Splenomegalia. Ascites. Nephritis chronica parenchymatosa. Ankylostomiasis. Syphilis.

Histological verification of syphilis: Liver. Aorta. Adrenals.

Adrenals: Thickening of capsule.

Autopsy n^o. 1158.

Sex: Male.

Age: 43 years.

Nationality: Brazilian.

Anatomical Diagnosis: Fractura femoris. Osteomyelitis chronica suppurativa femoris. Nephritis acuta parenchymatosa. Enterocolitis acuta fibrinosa. Hyperaemia hepatis. Tumor (fibroma) peritonei. Lingua glabra. Hyperplasia lienis. Arteriosclerosis. Sclerosis arteriae lienis. Ankylostomiasis. Trichuriasis.

Histological verification of syphilis: Tongue. Kidneys. Adrenals.

Adrenals: Perivascular infiltration of lymphocytes and plasma-cells.

Autopsy n^o. 1166.

Sex: Male.

Age: 70 years.

Nationality: Portuguese.

Anatomical Diagnosis: Mesaortitis syphilitica. Aneurysma aortae descendens. Hypertrophia ventriculi sinistri. Cicatrix myocardii et endocardii. Perisplenitis chronica. Emphysaema pulmonum. Fibrosis lienis. Atrophia renum. Nodulae intestini tenuis et crassi.

Histological verification of syphilis: Aorta (aneurysm). Endocardium. Myocardium.

Adrenals: Lipoidosis of cortex.

Autopsy n^o. 1186.

Sex: Male.

Age: 43 years.

Nationality: Portuguese.

Anatomical Diagnosis: Endocarditis chronica et acuta destruens valvulae aortae. Hypertrophia ventriculi sinistri. Hyperaemia et oedema pulmonum. Hydrothorax. Hepatitis chronica interstitialis. Hyperaemia et infarctus lienis. Cicatrices et infarctus, renum. Haemorrhagiae mucosae intestini et cutis. Cicatrix penis. Ankylostomiasis.

Histological verification of syphilis: Liver. Penis. Adrenals.

Adrenals: Central, Perivascular infiltration of lymphocytes. Adenomata of capsule.

Autopsy n^o. 1196.

Sex: Male.

Age: 30 years.

Nationality: Portuguese.

Anatomical Diagnosis: Aneurysma arcus aortae. Erosio tracheae. Aortitis syphilitica. Haemorrhagia et infarctus pulmonum. Hyperaemia lienis renum et meningium. Noduli jejuni. Synechiae

pleurae. Hyperaemia et infarctus hepatis.

Histological verification of syphilis:

Aorta. Adrenals.

Adrenals: Perivascular infiltration of lymphocytes.

Autopsy no. 1203.

Sex: Male.

Age: 60 years.

Nationality: Portuguese.

Anatomical Diagnosis: Carcinoma ventriculi. Tuberculosis chronica fibrosa pulmonis sinistri. Pleuritis chronica adhesiva. Lymphadenitis tuberculosa cervicalis, peritrachealis et peribronchialis. Tuberculosis glandularum suprarenalium. Enteritis tuberculosa ulcerativa. Aortitis syphilitica. Atrophia fusca cordis. Sclerosis vasorum coronarium. Perisplenitis chronica. Gumma hepatis. Tuberculosis hepatis. Nephritis chronica interstitialis. Oedema meningium. Ulcera crurum.

Histological verification of syphilis:

Skin. Aorta. Liver.

Autopsy no. 1210.

Sex: Male.

Age: 45 years.

Nationality: Brazilian.

Anatomical Diagnosis: Anaemia gravis. Ankylostomiasis degeneratio adiposa cordis. Dilatio ventriculi utriusque. Oedema pulmonum. Hydrothorax duplex. Tuberculosis circumscripta pulmonis et pleurae. Degeneratio adiposa renum. Hyperaemia hepatis degeneratio adiposa. Anaemia cerebri et meningium. Oedema crurum. Medulla ossea adiposa. Perforatio saeptinasi. Cryptorchidismus unilateralis.

Histological verification of syphilis:

Adrenals.

Adrenals: Infiltration of lymphocytes in the innermost part of cortex. Thickening of capsule.

Autopsy no. 1217.

Sex: Male.

Age: 57 years.

Nationality: Brazilian.

Anatomical Diagnosis: Nephritis chronica interstitialis. Hypertrophia ventriculi utriusque. Dilatio ventriculi dextri. Fibrosis myocardii. Calcificatio valvularum aortae et mitralis. Calcificatio endocardii ventriculi sinistri. Atheroma aortae. Atrophia fusca hepatis. Fibrosis lienis. Perisplenitis chronica. Synechiae pericardii. Hydrothorax dextrus. Atelectasia pulmonis dextri. Cicatrices crurum. Hydroperitonæum. Petechiae epicardii et mucosae intestini. Gastritis hypertrophica. Ascariasis.

Autopsy no. 1227.

Sex: Male.

Age: 36 years.

Nationality: Portuguese.

Anatomical Diagnosis: Aneurysma arcus aortae. Mesaortitis chronica (syphilis). Synechiae pericardii. Dilatio auriculæ et ventriculi dextri. Hypertrophia ventriculi sinistri. Oedema, hyperaemia et atelectasia pulmonis sinistri. Oedema, hyperaemia et emphysema pulmonis dextri. Hyperaemia chronica hepatis. Hyperplasia chronica lienis. Perisplenitis chronica. Degeneratio adiposa et hyperaemia renum. Hernia intestini tenuis in omentum minus. Hydroperitoneum. Hydrothorax sinister. Ankylostomiasis.

Histological verification of syphilis:

Aorta. Adrenals.

Adrenals.: Central Perivascular infiltration of lymphocytes.

Autopsy no. 1246.

Sex: Male.

Age: 50 years.

Nationality: Italian.

Anatomical Diagnosis: Syphilis. Nephritis interstitialis chronica. Hypertrophia et dilatio ventriculi sinistri. Dilatio ventriculi dextri. Degeneratio adiposa myocardii. Aortitis levis. Oedema et hyperaemia pulmonis utriusque. Pneumonia crouposa lobi medii pulmonis dextri. Oedema meningium. Pleuritis chronica adhesiva. Hyperplasia et fibrosis lienis. Degeneratio parenchymatosa acuta et adi-

posa hepatis. Hydrothorax sinister. Ulcera crurum. Lymphadenitis chronica inguinalis et iliaca sinistra.

Histological verification of syphilis: Skin. Kidneys. Myocardium. Lymphatic glands. Adrenals

Adrenals: Perivascular infiltration of lymphocytes and plasma-cells. Lipoidosis of cortex.

Autopsy no. 1247.

Sex: Male:

Age: 48 years.

Nationality: Portuguese.

Anatomical Diagnosis: Syphilis Nephritis diffusa chronica. Dilatatio auriculæ et ventriculi dextri. Hypertrophica ventriculi sinistri. Myomalacia. Hydrothorax duplus. Oedema pulmonum. Atelectasia et hyperaemia lobi inferioris pulmonis sinistri. Lingua glabra. Pachymeningitis hæmorrhagica interna sinistra. Encephalomalacia circumscripta. Hernia inguinalis dextra. Phymosis. Balanitis suppurativa. Ulcera cutanea. Degeneratio hepatis.

Histological verification of syphilis: Tongue. Skin. Kidneys. Adrenals.

Adrenals: Thickening of capsule. Lipoidosis of capsule.

Autopsy no. 1258.

Sex: Male:

Age: 36 years.

Nationality: Brazilian.

Anatomical Diagnosis: Syphilis. Aneurysma arteriæ coronariæ anterioris. Arteritis syphilitica aortæ et arteriæ coronariæ. Hypertrophica ventriculi sinistri. Dilatatio auriculæ sinistræ. Balanitis ulcerativa. Cicatrices crurum. Hyperaemia chronica pulmonum, lienis, hepatis et renum. Necrosis mucosæ intestini crassi Petechiæ endocardii et mucosæ gastricæ. Pleuritis chronica dextra. Hydroperitoneum. Hydropericardium. Hydrothorax.

Histological verification of syphilis: Aorta. Skin. Penis. Intestine. Adrenals.

Adrenals: Central perivascular infiltration of lymphocytes and plasma-cells. Hyperaemia.

Autopsy no. 1263.

Sex: Male:

Age: 42 years.

Nationality: Brazilian.

Anatomical Diagnosis: Syphilis. Hypertrophica et dilatatio ventriculi utriusque. Pleuritis chronica dextra. Hyperaemia chronica hepatis, lienis et renum. Degeneratio adiposa hepatis et myocardii. Perisplenitis chronica. Prostatitis chronica. Hydroperitoneum. Hydrothorax dexter. Cicatrices crurum. Phymosis. Ulcus penis. Infarctus pulmonis dextri.

Histological verification of syphilis: Skin. Penis. Adrenals.

Adrenals: Central perivascular infiltration of lymphocytes and plasma-cells. Lipoidosis of cortex.

Autopsy no. 1276.

Sex: Male.

Age: 35 years.

Nationality: Brazilian.

Anatomical Diagnosis: Hepatitis chronica interstitialis (syphilitica). Hyperplasia lienis. Perisplenitis chronica. Hydroperitoneum. Fibrosis et atrophica myocardii. Fibrosis testis. Lymphadenitis chronica perigastrica, peripancreatica, lumbaris et hepatica. Fibrosis pulmonum. Pleuritis chronica adhesiva sinistra. Icterus. Cicatrices crurum. Ankylostomiasis. Hyperaemia chronica renum. Anomalia arteriæ coronariæ sinistræ.

Histological verification of syphilis: Skin. Liver. Lymphatic glands. Testicles. Adrenals.

Adrenals: Perivascular infiltration of lymphocytes in medulla and outside capsule. Thickening of capsule.

Autopsy no. 1290.

Sex: Male.

Age: 23 years.

Nationality: Brazilian.

Anatomical Diagnosis: Malaria. Hy-

hyperplasia et pigmentatio lienis. Pigmentatio hepatis. Hyperaemia pulmonum. Pleuritis chronica adhesiva dextra. Guma testis sinistri. Fibrosis testis dextri. Cicatrix penis. Decubitus. Cadaver putrefactum. Ankylostomiasis.

Histological verification of syphilis:

Penis. Testicle. Adrenals.

Adrenals: Thickening of capsules. Adenoma.

Autopsy no. 1296.

Age: 30 years.

Nationality: Brazilian.

Anatomical Diagnosis: Nephritis chronica interstitialis. Hypertrophia ventriculi utriusque. Dilatatio ventriculi sinistri. Oedema et emphysema pulmonum. Hydroperitoneum. Hydrothorax duplex. Fibrosis myocardii. Atrophia fusca hepatis. Atrophia lienis. Fibrosis testis. Oedema, hyperaemia et petechiae mucosae intestini. Oedema levis meningium. Ankylostomiasis. Diverticulum intestini (Meckel). Anasarca. Cicatrices cutaneae. Papilloma renis.

Histological verification of syphilis:

Kidney. Adrenal.

Adrenals: Infiltration of lymphocytes in cortex.

Autopsy no. 1305.

Sex: Male.

Age: 59 years.

Nationality: Brazilian.

Anatomical Diagnosis: Arteritis syphilitica. Aneurysma arcus aortae. Compressio pulmonis dextri, venae cavae superioris, oesophagi et tracheae. Infarctus, hyperaemia et oedema pulmonum. Erosio sterni. Pleuritis chronica adhesiva. Degeneratio adiposa et hyperaemia hepatis. Hyperaemia chronica lienis. Nephritis interstitialis chronica. Adenoma renis sinistri. Fibrosis glandulae prostaticae.

Histological verification of syphilis:

Aorta. Adrenals.

Adrenals: Central perivascular infiltration of lymphocytes and plasma-cells.

Autopsy no. 1334.

Sex: Male.

Age: 28 years.

Nationality: Brazilian.

Anatomical Diagnosis: Aortitis syphilitica. Aneurysma aortae thoracicae. Necrosis vertebrarum dorsalium et costarum, Compressio medullae spinalis. Pyonephritis. Cystitis pseudomembranosa. Emphysema pulmonum. Pleuritis chronica adhesiva. Ankylostomiasis.

Histological verification of syphilis:

Aorta. Adrenals.

Adrenals: Infiltration of lymphocytes and plasma cells. in cortex and medulla. Thrombosis. Haemorrhage. Adenoma of capsule.

Autopsy no. 1339.

Sex: Male.

Age: 23 years.

Nationality: Portuguese.

Anatomical Diagnosis: Syphilis. Stricture urethrae. Dilatatio circumscripta urethrae et urethritis necrotica. Cystitis suppurativa et hypertrophia vesicae urinalis. Pyelitis chronica et hydronephrosis levis renis dextri. Nephritis interstitialis chronica thrombotica. Perisplenitis chronica et synechia (abscessus antiquus). Hyperplasia lienis. Degeneratio parenchymatosa, cicatrices et synechiae hepatis. Pancreatitis interstitialis chronica. Compressio capsulae suprarenalis sinistrae. Fibrosis testis. Periorchitis chronica. Vesiculitis seminalis chronica. Hyperaemia et oedema pulmonum. Hypertrophia ventriculi sinistri. Infiltratio adiposa myocardii. Leptomeningitis chronica. Lingua glabra. Lymphadenitis chronica lumbaris. Ulcus cruris. Cicatrices cutis. Cicatrix vulneris puncti abdominis.

Histological verification of syphilis:

Skin. Lymphatic glands. Testicles. Adrenals.

Adrenals: Perivascular infiltration of

lymphocytes in cortex and medulla. Slight thickening of capsule.

Autopsy n^o. 1340.

Sex: Male.

Age: 50 years.

Nationality: Brazilian.

Anatomical Diagnosis: Malaria. Ankylostomiasis. Ileocolitis acuta serosa et ulcerativa incipiens. Peritonitis acuta suppurativa. Hydroperitoneum. Hepatitis interstitialis chronica. Hyperplasia lienis et perisplenitis chronica. Pigmentatio lienis et hepatis. Fibrosis testis dextri. Nephritis acuta parenchymatosa. Hydrothorax duplex. Hyperaemia, oedema et anthracosis pulmonum. Pleuritis chronica adhesiva dupla. Pericarditis chronica circumscripta. Sclerosis vavulae mitralis et aorticae. Hypertrophia ventriculi sinistri. Arteriosclerosis. Cicatrix ulceris duodeni. Anaemia cerebri.

Histological verification of syphilis: Liver. Endocardium. Testicle. Adrenals.

Adrenals: Thickening of capsule.

Autopsy n^o. 1350.

Sex: Male.

Age: 43 years.

Nationality: German.

Anatomical Diagnosis: Oedema, hyperaemia et emphysema pulmonum. Pleuritis chronica adhesiva dextra. Hydrothorax, dexter Hypertrophia ventriculi sinistri. Dilatatio ventriculi dextri. Arteriosclerosis. Hyperplasia et hyperaemia capsulae suprarenalis utriusque. Hyperaemia chronica hepatis. Pyelitis sinistra. Cystitis catarrhalis. Atrophia circumscripta corticis cerebri. Atrophia cruris et brachii sinistri. Asymetria faciei. Encephalomalacia nuclei lenticularis et capsulae internae dextrae. Anomalia pulmonis sinistri.

Histological verification of syphilis: Aorta. Brain. Adrenals.

Adrenals: Slight perivascular infiltration of lymphocytes lipoidosis of cortex. Hyperaemia.

Autopsy n^o. 1351.

Sex: Male.

Age: 57 years.

Nationality: Italian.

Anatomical Diagnosis: Mesaortitis chronica. Aneurysma arcus aortae. Bronchopneumonia, oedema et emphysema pulmonis. Pleuritis chronica adhesiva dextra. Perisplenitis chronica. Splenomalacia. Nephritis interstitialis chronica. Cholelithiasis. Hyperplasia nodularis et diffusa prostatae. Sclerosis arteriae basilaris. Cicatrix penis.

Histological verification of syphilis: Aorta. Skin. Adrenals.

Adrenals: Perivascular infiltration of lymphocytes and plasma-cells. Lipoidosis of cortex.

Autopsy n^o. 1361.

Sex: Male.

Age: 34 years.

Nationality: Brazilian.

Anatomical Diagnosis: Syphilis. Aneurysma aortae thoracicae in parte descendente. Mesaortitis. Atelectasia pulmonis sinistri. Bronchopneumonia tuberculosa. Pleuritis chronica adhesiva. Necrosis vertebrarum. Hyperaemia chronica passiva hepatis et renum. Atrophia lienis. Lymphodenitis mesaraica. Dilatatio ventriculi dextri.

Histological verification of syphilis: Aorta. Adrenals.

Adrenals: Central perivascular infiltration of lymphocytes and some plasma-cells. Decided thickening of capsule.

Autopsy n^o. 1362.

Sex: Male.

Age: 35 years.

Nationality: Brazilian.

Anatomical Diagnosis. Syphilis. Hepatitis interstitialis chronica. Hyperplasia lienis. Perisplenitis chronica. Nephritis parenchymatosa chronica. Hypertrophia ventriculi utriusque. Pleuritis chronica sinistra. Infiltratio adiposa myocardii. Oedema et hyperaemia pulmonum.

Necrosis saepti nasis et cicatrix alae nasis et glabellae. Colitis ulcerativa. Anasarca. Cicatrices crurum. Haemorrhagia capsulae suprarenalis sinistrae.

Histological verification of syphilis: Skin. Liver. Nose. Adrenals.

Adrenals: Central perivascular infiltration of lymphocytes and plasma-cells. Haemorrhage.

Autopsy n^o. 1363.

Sex: Male.

Age: 53 years.

Nationality: Portuguese.

Anatomical Diagnosis: Pericarditis fibrino purulenta. Pleuritis fibrino purulenta sinistra. Atelectasia pulmonis sinistri. Emphysaema marginalis pulmonis dextri. Oedema lobi superioris et medii pulmonis dextri. Oedema et hyperaemia lobi inferioris pulmonis dextri. Splenitis acuta. Hyperaemia chronica passiva et degeneratio adiposa hepatis. Dermatitis papulosa.

Histological verification of syphilis: Skin. Adrenals.

Adrenals: Slight central perivascular infiltration of lymphocytes. Adenoma of capsule.

Autopsy n^o. 1373.

Sex: Male.

Age: 60 years.

Nationality: Portuguese.

Anatomical Diagnosis: Atheroma aortae. Bronchopneumonia. Tuberculosis fibrosa pulmonis dextri. Oedema et hyperaemia pulmonum. Pleuritis chronica dextra. Hyperaemia hepatis et renum. Decubitus. Cicatrix penis. Cystitis pseudomembranosa. Proctitis. Diverticula sigmoidea (?).

Histological verification of syphilis: Aorta. Adrenals.

Adrenals: Perivascular infiltration of lymphocytes and plasma-cells. Adenoma of capsule.

Autopsy n^o. 1374.

Sex: Male.

Age: 29 years.

Nationality: Portuguese.

Anatomical Diagnosis: Haemorrhagia cerebri. Encephalomalacia capsulae interna, nuclei lenticularis et lobi frontalis dextri. Hyperaemia meningium, pulmonis dextri, renum, hepatis, lienis et capsularum suprarenalium. Bronchopneumonia sinistra. Pleuritis chronica sinistra. Hypertrophia ventriculi sinistri.

Histological verification of syphilis: Aorta. Brain.

Adrenals: Adenoma of cortex. Hyperaemia. Lipoidosis (slight) of cortex.

Autopsy n^o. 1383.

Sex: Male.

Age: 63 years.

Nationality: Brazilian.

Anatomical Diagnosis: Ulcus carcinomatosum ventriculi cum perforatione. Carcinoma metastatica in nodis mediastini posterioris, perigastricis et lumbaris. Peritonitis serofibrinosa. Arteriosclerosis et aortitis chronica (syphilis). Atrophia cordis, hepatis et lienis. Hyperaemia et oedema pulmonis dextri. Nephritis interstitialis chronica. Oedema meningium.

Histological verification of syphilis: Aorta. Penis. Kidneys. Adrenals.

Adrenals: Perivascular infiltration of lymphocytes and plasma-cells, central and outside capsule.

Autopsy n^o. 1386.

Sex: Male.

Age: 21 years.

Nationality: Brazilian.

Anatomical Diagnosis: Tuberculosis miliaris acuta pulmonum, hepatis et lienis. Lymphadenitis tuberculosa mesarai-ca et mesocolica. Enteritis tuberculosa ulcerativa. Pharyngitis ulcerativa. Laryngitis ulcerativa. Oesophagitis ulcerativa. Tracheitis ulcerativa. Syphilis. Cicatrix penis. Perisplenitis chronica. Perihepatitis chronica. Pleuritis adhesiva sub-acuta. Hypertrophia ventriculi utriusque. Aortitis. Clades saepti nasis. Ulcus

alae sinistrae. nasis (Leishmaniosis).
Granuloma nasis (Leishmaniosis). Ulcus
labii superioris (Leishmaniosis) Atrophia
renum. Ankylostomiasis.

Histological verification of syphilis:
Larynx, Adrenals.

Adrenals: Central perivascular infil-
tration of lymphocytes and plasma-cells.
Thickening of capsules.

Autopsy n^o. 1400.

Sex: Male.

Age: 90 years.

Nationality: Brazilian.

Anatomical Diagnosis: Ulcra et ci-
catrices syphilitica cutis, laryngis et tra-
cheae. Exfoliatio epidermis. Aortitis chro-
nica syphilitica. Hypertrophia et dilata-
tio ventriculi utriusque. Emphyaema et
oedema pulmonum. Hyperaemia chro-
nica hepatis et lienis. Cicatrices renum.
Typhlitis ulcerativa. Oedema leptomenin-
gium. Ankylostomiasis. Ascariasis.

Histological verification of syphilis:
Trachæa. Aorta. Skin. Larynx Adrenals.

Adrenals: Central perivascular infil-
tration of lymphocytes and plasma-cells.

Autopsy n^o. 1416.

Sex: Male.

Age: 20 years.

Nationality: Brazilian.

Anatomical Diagnosis: Emphyaema
pleurae sinistrae. Pneumonia crouposa
pulmonis sinistri. Bronchopneumonia pul-
monis dextri. Gangraena circumscripta
pulmonis sinistri. Pleuritis chronica adhe-
siva dextra. Hyperaemia hepatis. Perihe-
patitis chronica. Hyperplasia lienis. Hy-
perplasia lymphoidea intestini. Athero-
ma aortae. Cicatrices cutis. Vitiligo. Fi-
broma renis sinistri. Trichuriasis.

Histological verification of syphilis:
Aorta. Skin. Adrenals.

Adrenals: Adenoma of capsule.

Autopsy n^o. 1428.

Sex: Male.

Age: 41 years.

Nationality: Portuguese.

Anatomical Diagnosis: Nephritis pa-
renchymatosa chronica. Degeneratio adi-
posa myocardii. Degeneratio adiposa et
atrophia levis hepatis. Oedema pulmo-
num. Hydrothorax duplus. Hydroperito-
neum. Anaemia cerebri. Perisplenitis
chronica. Diverticulum intestini (Meckel).
Syphilis. Cicatrix penis. Oedema levis
crurum. Ankylostomiasis. Lymphadenitis
chronica inguinalis.

Histological verification of syphilis:
Lymphotic glands. Adrenals.

Adrenals: Central perivascular infil-
tration of lymphocytes. Thickening of
capsule. Lipoidosis of cortex.

Autopsy n^o. 1433.

Sex: Male.

Age: 63 years.

Nationality: Brazilian.

Anatomical Diagnosis: Bronchop-
neumonia sinistra. Pleuritis fibrinosa
dextra. Pyothorax. Atelectasia pulmonis
dextri. Bronchitis acuta catarrhalis. Aor-
titis syphilitica. Hypertrophia ventriculi
utriusque. Hyperaemia et degeneratio adi-
posa hepatis. Degeneratio parenchyma-
tosa renum. Ankylostomiasis, Ascariasis.
Leucoplasia oesophagi.

Histological verification of syphilis:
Aorta. Adrenals.

Adrenals: Perivascular infiltration of
leucocytes and plasma-cells in medulla,
Fibrosis. Thickening of capsule. Hype-
raemia. Adenoma of capsule.

Autopsy n^o. 1436.

Sex: Male.

Age: 28 years:

Nationality: Brazilian.

Anatomical Diagnosis: Pneumonia
crouposa dextra. Oedema et hype-
raemia pulmonis sinistri. Pleuritis adhe-
siva dextra. Mesaortitis syphilitica. De-
generatio adiposa hepatis. Nephritis acu-
ta parenchymatosa. Hypertrophia ventri-
culi sinistri. Hyperaemia lienis. Ulcera
oesophagi. Adenoma capsulae suprarena-
lis sinistrae. Ankylostomiasis.

Histological verification of syphilis:
Aorta.

Autopsy n^o. 1457.

Sex: Male.

Age: 48 years.

Nationality: Portuguese.

Anatomical Diagnosis: Haemorrhagia. Aneurysma arcus aortae et aortae descendentes. Ruptura aneurismae in oesophagum. Pneumonia lobi inferioris pulmonis sinistri. Atelectasia lobi superioris pulmonis sinistri. Arteritis arteriarum carotidum. Perisplenitis chronica. **Hyperaemia chronica hepatis.**

Microscopically: Pneumonia syphilitica l. i. p. s. Adrenalitis syphilitica. Nephritis chronica diffusa.

Histological verification of syphilis:
Aneurysm. Lung. Adrenals.

Adrenals: intense perivascular and diffused infiltration of lymphocytes and plasma-cells.

Autopsy n^o. 1463.

Sex: Male.

Age: 49 years.

Nationality: Brazilian.

Anatomical Diagnosis: Pneumonia crouposa dextra. Atelectasia pulmonis sinistri. Hepatitis chronica. Perihepatitis chronica. Peritonitis chronica. **Atrophia lienis. Perisplenitis chronica. Arteritis syphilitica. Hypertrophia ventriculi sinistri. Dilatatio ventriculi dextri. Degeneratio parenchymatosa renum. Hydrothorax duplus. Hydroperitoneum.**

Histological verification of syphilis:
Aorta. Liver. Adrenals.

Adrenals: Infiltration of lymphocytes in cortex, perivascular outside the capsule.

Autopsy n^o. 1469.

Sex: Male.

Age: 26 years.

Nationality: Brazilian.

Anatomical Diagnosis: Bronchopneumonia ulcerativa tuberculosa dupla. Lymphadenitis tuberculosa peribron-

chialis et mesaraica. Pleuritis adhesiva chronica. dupla. Laryngitis ulcerativa syphilitica. Appendicitis tuberculosa. Enterocolitis ulcerativa tuberculosa. Cicatrix penis. Peritonitis tuberculosa circumscripta.

Histological verification of syphilis:
Penis. Larynx. Adrenals.

Adrenals: Slight perivascular infiltration of lymphocytes.

Autopsy n^o. 1470.

Sex: Male.

Age: 48 years.

Nationality: Brazilian.

Anatomical Diagnosis: Arteriosclerosis. Aortitis chronica syphilitica. Nephritis interstitialis chronica. Hypertrophia ventriculi sinistri. Dilatatio ventriculi dextri et auricularum. Sclerosis vasorum cerebri. Oedema, emphysema et hyperaemia pulmonum. Hyperaemia passiva chronica hepatis. Petechiae ventriculi et pericardii. Hydrothorax duplus. Calcificatio glandulae thyreoidicae. Atrophia lienis. Ankylostomiasis. Dilatatio vesicae urinalis.

Histological verification of syphilis:
Aorta. Adrenals.

Adrenals: Perivascular infiltration of lymphocytes and a few plasma-cells. Lipoidosis of cortex. Hyperaemia. Adenoma of capsule.

Autopsy n^o. 1479.

Sex: Male.

Age: 46 years.

Nationality: Brazilian.

Anatomical Diagnosis: Stenosis et cicatrices recti. Colitis ulcerativa et polyposa. Perforatio coli sigmoidei. Varices venae haemorrhoidalis. Atrophia fusca myocardii. Tuberculosis apicum pulmonum. Atelectasia pulmonis sinistri. Emphysema et oedema pulmonis sinistri. Pleuritis chronica adhesiva sinistra. Perisplenitis chronica. Atrophia fusca hepatis. Hyperaemia passiva renum.

Histological verification of syphilis:
Larynx. Adrenals.

Adrenals: Perivascular infiltration of lymphocytes and plasma-cells. Hyperaemia.

Autopsy n^o. 1484.

Sex: Male.

Age: 45 years.

Nationality: Brazilian.

Anatomical Diagnosis: Aortitis chronica syphilitica. Aneurisma aortae descendens. Ruptura aneurismae in oesophagum. Haemorrhagia in ventriculum, intestinum tenue et in coecum. Arteritis et degeneratio adiposa arteriae anonymae et carotidis. Hyperplasia nodorum mesaraicorum. Oedema oesophagi. Calcificatio cartilaginum costalium. Cicatrices penis. Degeneratio adiposa hepatis.

Histological verification of syphilis: Aorta. Penis. Lymphatic glands. Adrenals.

Adrenals: Perivascular infiltration of lymphocytes. Lipoidosis of cortex.

Autopsy n^o. 1494.

Sex: Male.

Age: 32 years.

Nationality: Brazilian.

Anatomical Diagnosis: Syphilis. Aortitis syphilitica. Oedema pulmonum. Hypertrophica ventriculi sinistri. Degeneratio adiposa hepatis. Hyperaemia lienis. Hyperaemia renum. Ulcera crurum. Cicatrices penis. Cicatrices crurum.

Histological verification of syphilis: Aorta. Skin. Penis. Adrenals.

Adrenals: Infiltration of plasma-cells in medulla. Hyperaemia.

Autopsy n^o. 1499.

Sex: Female.

Age: 50 years.

Nationality: Brazilian.

Anatomical Diagnosis: Cystis hepatis. Nephritis interstitialis chronica cum cystide. Cystis ovarii dextri. Adenoma glandulae thyroidicae. Degeneratio parenchymatosa hepatis. Cystis plexi choroidei sinistri. Aortitis chronica. Ventriculus bilocularis. Hyperplasia lymphoidea

lienens. Haemorrhagiae lienis. Sclerosis vasorum basis cerebri. Fibrosis myocardii. Hypertrophica et dilatatio ventriculi sinistri. Laparatomia. Adipositas. Ascariasis.

Histological verification of syphilis: Aorta. Myocardium. Adrenals.

Adrenals: Infiltration of lymphocytes and plasma-cells in cortex.

Autopsy n^o. 1504.

Sex: Male.

Age: 24 years.

Nationality: Brazilian.

Anatomical Diagnosis: Nephritis diffusa acuta. Ulcus oesophagum gastricum. Colitis ulcerativa et haemorrhagica. Hyperaemia intestini tenuis. Degeneratio adiposa hepatis. Syphilis. Cicatrix penis. Bronchopneumonia haemorrhagica pulmonis dextri. Cicatrices inguino crurales. Ascariasis.

Histological verification of syphilis: Penis. Lymphatic glands.

Autopsy n^o. 1505.

Sex: Male.

Age: 50 years.

Nationality: Brazilian.

Anatomical Diagnosis: Aortitis syphilitica et aneurisma aortae abdominalis. Pneumonia lobi inferioris sinistri (syphilis). Atrophia cordis. Perisplenitis chronica. Anaemia renis sinistri. Atrophia hepatis.

Histological verification of syphilis: Aorta. Lungs.

Autopsy n^o. 1527.

Sex: Male.

Age: 34 years.

Nationality: Brazilian.

Anatomical Diagnosis: Carcinoma ulcerativum, ventriculi. Carcinoma metastaticum hepatis et nodorum subdiaphragmaticorum et peripancreaticorum. Cachexia. Aortitis chronica syphilitica. Clades nasis. Cicatrices penis. Atrophia fusca cordis. Oedema pulmonum. Hydrocele sinister. Ascariasis.

Histological verification of syphilis:
Aorta. Penis. Nose.

Autopsy n^o. 1540.

Sex: Male.

Age: 45 years.

Nationality: Brazilian.

Anatomical Diagnosis: Malaria Hyperplasia et pigmentatio lienis et hepatis. Pigmentatio paniculi adiposi cutis et pericardii. Pigmentatio pancreatis et serosae intestini. Icterus. Nephritis interstitialis chronica. Petechiae mucosae intestini. Pigmentatio mucosae ventriculi. Ulcera crurum. Hyperplasia corticis glandularum suprarenalium. Nodulae plexi choeroidei.

Histological verification of syphilis:
Adrenals.

Adrenals: Perivascular and diffused infiltration of lymphocytes.

Autopsy n^o. 1545.

Sex: Male.

Age: 50 years.

Nationality:

Anatomical Diagnosis: Arteriosclerosis. Encephalomalacia. Nephritis interstitialis chronica (a. s.). Pneumonia crouposa loborum superioris et inferioris pulmonis dextri. Sclerosis vasorum basis cerebri. Hepatitis interstitialis chronica. Cholelithiasis. Perisplenitis chronica. Hypertrophica ventriculi sinistri. Calcificatio valvularum aortae. Sclerosis vesicularum seminalium. Sclerosis testis dextri.

Histological verification of syphilis:
Liver. Adrenals.

Adrenals: Perivascular infiltration of lymphocytes with thickening of capsule.

Autopsy n^o. 1557.

Sex: Male.

Age: 28 years.

Nationality: Brazilian.

Anatomical Diagnosis: Hyperaemia et hyperplasia chronica lienis. Malaria. Ankylostomiasis. Syphilis. Degeneratio parenchymatosa acuta renum. Hyperaemia

chronica et degeneratio adiposa hepatis. Hypertrophica ventriculi sinistri. Hyperaemia et oedema pulmonum. Dilatatio auriculae utriusque. Cicatrices cutis Hydrothorax duplus. Hydropericardium. Hydroperitoneum. Degeneratio adiposa aortae.

Histological verification of syphilis:
Skin. Adrenals.

Adrenals: Thickening of capsules.

Autopsy n^o. 1565.

Sex: Male.

Age: 21 years.

Nationality: Brazilian.

Anatomical Diagnosis: Bronchopneumonia dupla. Pleuritis fibrinopurulenta sinistra. Pleuritis serosa dextra. Splenitis acuta. Dilatatio ventriculi et auriculae dextrae. Nephritis parenchymatosa acuta. Infarctus renis. Hyperaemia meningium. Ulcera cruris sinistri. Cicatrices crurum et penis.

Histological verification of syphilis:
Skin. Adrenals.

Adrenals: Central perivascular of lymphocytes.

Autopsy n^o. 1569.

Sex: Male.

Age: 63 years.

Nationality: Italian.

Anatomical Diagnosis: Aortitis syphilitica et arteriosclerosis. Nephritis interstitialis chronica. Anaemia. Ulcus faciei sinistrae. Atrophia fusca cordis. Atrophia hepatis. Atrophia capsularum suprarenalium. Perisplenitis chronica. Emphysema pulmonum. Oedema loborum inferiorum pulmonis utriusque. Gastritis chronica. Oedema crurum. Phymosis.

Histological verification of syphilis:
Aorta. Adrenals.

Adrenals: Thickening of capsule.

Autopsy n^o. 1572.

Sex: Male.

Age: 40 years.

Nationality: Brazilian.

Anatomical Diagnosis: Aortitis sy-

philitica. Aneurysma aortae ascendentis. Dilatatio auriculae et ventriculi dextri. Oedema et emphysaema pulmonum. Hyperaemia passiva hepatis et lienis. Hydrothorax duplus. Hydroperitoneum. Oedema cutis. Cicatrix collis. Anasarca.

Histological verification of syphilis:
Aorta. Adrenals.

Adrenals: Perivascular infiltration of lymphocytes. Thickening of capsules. Hyperaemia.

Autopsy n^o. 1581.

Sex: Male.

Nationality: Portuguese.

Anatomical Diagnosis: Syphilis. Tracheitis ulcerativa (syphilis). Oedema glottidis. Gumma pulmonis. Cicatrices hepatis (hepar lobatum). Fibrosis vesicularum seminalium. Lymphadenitis chronica inguinalis et subdiaphragmatica. Atheroma levis aortae. Nephritis interstitialis chronica et infarctus renum. Hyperplasia lienis. Hypertrophia ventriculi sinistri. Emphysaema et oedema pulmonum.

Histological verification of syphilis:
Trachæa. Aorta Liver. Lung. Lymphatic glands. Adrenals.

Adrenals: Perivascular infiltration of lymphocytes and plasma-cells. Adenoma of capsule.

Autopsy n^o. 1588.

Sex: Male.

Age: 29 years.

Nationality: Brazilian.

Anatomical Diagnosis: Neoplasma pleurae dextrae. Pleuritis adhesiva chronica dextra. Hydrothorax dexter. Atelectasia pulmonis dextri. Oedema pulmonis sinistri. Hydroperitoneum. Haemopericardium., Petechiae peritonei. Degeneratio adiposa et hyperaemia chronica passiva hepatis. Infarctus lienis. Cicatrices cutis. Cicatrices penis. Ankylostomiasis. Decubitus.

Histological verification of syphilis:
Aorta. Skin. Penis. Adrenals.

Adrenals: Central perivascular infil-

tration of lymphocytes. Adenoma of capsules.

Autopsy n^o. 1589.

Sex: Male.

Age: 20 years.

Nationality: Brazilian.

Anatomical Diagnosis: Pneumonia crouposa lobi inferioris pulmonis sinistri et bronchopneumonia lobi superioris pulmonis dextri. Pleuritis fibrinosa acuta et fibrosa chronica adhesiva sinistra. Hydrothorax duplus. Haemorrhagiae musculorum intercostalium. Splenomegalia. Nodulus perirenalis. Hyperostosis syphilitica tibiae sinistrae. Ulcus cubiti. Ulcus crurum. Cicatrices et pigmentatio cutis. Phymosis.

Histological verification of syphilis:
Skin. Liver.

Adrenals: Adenoma of capsule.

Autopsy n^o. 1591.

Sex: Male.

Age: 40 years.

Nationality: Brazilian.

Anatomical Diagnosis: Bronchopneumonia lobi inferioris et partis inferioris et superioris pulmonis sinistri. Oedema et hyperaemia lobi pulmonis dextri. Nephritis interstitialis levis et degeneratio parenchymatosa renum. Atrophia levis hepatis. Myelitis. Hyperaemia meningium et cerebri. Fibrosis lienis. Atrophia musculi sceleti. Ascariasis. Noduli plexorum choroidicorum. Cicatrix penis.

Histological verification of syphilis:
Penis. Adrenals.

Adrenals: Infiltration of lymphocytes and plasma-cells. in cortex and medulla.

Autopsy n. 1600.

Sex: Female.

Age: 26 years.

Nationality: Brazilian.

Anatomical Diagnosis: Septicaemia Angiocolitis acuta. Hyperaemia pulmonum et renum. Uterus subinvolutus. Retentio placentae. Endometritis acuta.

Histological verification of syphilis:
Adrenals.

Adrenals: Perivascular infiltration of lymphocytes.

Autopsy n^o. 1616.

Sex: Male.

Age: 49 years.

Nationality: Portuguese.

Anatomical Diagnosis: Bronchopneumonia tuberculosa dextra. Pleuritis tuberculosa chronica dextra cum calcificatione. Oedema et hyperaemia pulmonum. Hepatitis chronica. Perihepatitis chronica circumscripta. Perisplenitis chronica. Gastritis chronica catarrhalis.

Histological verification of syphilis:
Adrenals.

Adrenals: Perivascular infiltration of lymphocytes and in cortex.

Autopsy n^o. 1620.

Sex: Male.

Age: 19 years.

Nationality:

Anatomical Diagnosis: Pleuritis fibrinopurulenta dupla. Mediastinitis fibrinopurulenta. Endocarditis acuta mitralis. Nephritis parenchymatosa subacuta. Hyperplasia levis nodorum retroperitonealium. Splenomegalia (17 + 10 + 4,5) (syphilis). Perisplenitis chronica. Perihepatitis chronica. Fibrosis hepatis (Syphilis). Haemorrhagia et hyperaemia suprarenalium.

Histological verification of syphilis:
Liver. Adrenals.

Adrenals: Infiltration of lymphocytes and plasma-cells outside capsule. Lipoidosis of cortex.

Autopsy n^o. 1621.

Sex: Male.

Age: 30 years.

Nationality: Brazilian.

Anatomical Diagnosis: Peritonitis fibrinopurulenta. Degeneratio adiposa hepatis. Hyperaemia et oedema pulmonum. Degeneratio parenchymatosa renum. Pancreatitis chronica interstitialis (interlo-

bularis et intralobularis). Anaemia. Amputatio femoris sinistri. Cicatrices cruris dextri. Pleuritis chronica adhesiva dextra.

Histological verification of syphilis:
Pancreas. Adrenals.

Adrenals: Infiltration of lymphocytes and plasma-cells, perivascular and in whole capsule.

Autopsy n^o. 1622.

Sex: Female.

Age: 19 years.

Nationality: Brazilian.

Anatomical Diagnosis: Nephritis chronica interstitialis. Hypertrophia ventriculi sinistri. Pacchymeningitis haemorrhagica interna. Hypostasis pulmonum et bronchitis acuta. Infarctus pulmonum. Lymphadenitis tuberculosa peritrachialis. Pleuritis chronica adhesiva dextra. Oedema leptomeningium. Arteriosclerosis incipiens. Cicatrices cutis.

Histological verification of syphilis:
Aorta. Skin. Adrenals.

Adrenals: Central perivascular infiltration of lymphocytes and plasma-cells.

Autopsy n^o. 1625.

Age: 62 years.

Sex: Female.

Nationality: Portuguese.

Anatomical Diagnosis: Syphilis. Aortitis syphilitica. Nephritis interstitialis chronica.

Histological verification of syphilis:
Aorta. Adrenals.

Adrenals: Infiltration of lymphocytes in cortex.

Autopsy n^o. 1630.

Sex: Male.

Age: 45 years.

Nationality: Brazilian.

Anatomical Diagnosis: Arteriosclerosis. Aortitis chronica syphilitica. Ulcus tuberculosum intestini tenuis. Dilatatio oesophagi et synechiae nodorum. Calcificatio nodorum peribronchialium.

Bronchopneumonia loborum inferiorum pulmonum. Oedema et hyperaemia pulmonum. Pleuritis chronica adhesiva sinistra. Degeneratio adiposa myocardii et hepatis. Atrophia lienis. Oedema leptomeningium. Hydrocele dexter. Nephritis parenchymatosa levis acuta Cicatrices crurum. Fibrosis testis.

Histological verification of syphilis:
Aorta. Skin. Testicle.

Autopsy n^o. 1633.

Sex: Male.

Age: 45 years.

Nationality: Brazilian.

Anatomical Diagnosis: Tuberculosis ulcerativa et peribronchialis. lobi superioris sinistri. Oedema et hyperaemia pulmonum. Lymphadenitis tuberculosa peritrachealis. Hydrothorax sinister. Pleuritis chronica adhesiva dupla. Tuberculosis ulcerativa tracheae. Dilatatio universalis cordis. Hypertrophia ventriculi sinistri. Enterocolitis tuberculosa ulcerativa. Hyperaemia lienis. Hyperaemia et degeneratio adiposa hepatis. Nephritis parenchymatosa chronica. Adenoma capsulae adrenalis dextrae. Fibrosis testis dextri. Hyperplasia nodorum inguinalium. Cicatrices cutis.

Histological verification of syphilis:
Skin. Testicle and lymphatic glands.

Adrenals: Tuberculosis.

Autopsy n^o. 1634.

Sex: Male.

Age: 64 years.

Nationality: Italian.

Anatomical Diagnosis: Syphilis pulmonum. Nephritis interstitialis chronica. Degeneratio adiposa hepatis. Oedema pulmonum. Hydroperitoneum. Hydrothorax duplus. Oedema subcutaneum. Vesiculitis seminalis chronica.

Histological verification of syphilis:
Lung. Myocardium. Adrenals.

Adrenals: Dispersed and perivascular infiltration of lymphocytes.

Autopsy n^o. 1637.

Sex: Male.

Age: 23 years.

Nationality: Brazilian.

Anatomical Diagnosis: Leptomeningitis suppurativa acuta. Hyperaemia nodulorum Peyeri. Haemorrhagia capsulae suprarenalis dextrae. Tuberculosis peribronchialis pulmonis dextri. Lymphadenitis tracheobronchialis. Aortitis syphilitica. Exanthema. Petechiae pericardii et mucosae vesicae urinalis. Ascariasis. Trichuriasis. Cystis peritrachealis.

Histological verification of syphilis:
Aorta. Adrenals.

Adrenals: Perivascular infiltration of lymphocytes and plasma-cells. Haemorrhage. Infarct.

Autopsy n^o. 1645.

Sex: Male.

Age: 33 years.

Nationality: Brazilian.

Anatomical Diagnosis: Tuberculosis miliaris et ulcerativa pulmonum. Meningitis tuberculosa. Pleuritis chronica adhesiva dupla. Aortitis syphilitica. Hyperaemia hepatis, lienis et renum. Lymphadenitis tuberculosa tracheobronchialis. Tuberculosis prostatae. Colitis ulcerativa. Varices recti. Ankylostomiasis. Trichuriasis. Ascariasis.

Histological verification of syphilis:
Muscles.

Autopsy n^o. 1654.

Sex: Male.

Age: 36 years.

Nationality: Brazilian.

Anatomical Diagnosis: Septicemia. Syphilis gravis. Perihepatitis et perisplenitis chronica. Gummata hepatis et lienis. Hyperplasia lienis. Pleuritis chronica adhesiva dupla. Hyperaemia hepatis, lienis et renum. Hepatitis interstitialis chronica sporadica. Colitis catarrhalis. Cicatrix epiglottidis. Fibrosis testis sinistri. Gastritis catarrhalis. Hyperaemia pulmonum. Cicatrices crurum.

Histological verification of syphilis:
Skin. Liver. Testicles. Adrenals.

Adrenals: Disseminated infiltration of lymphocytes.

Autopsy n^o. 1655.

Sex: Male.

Age: 26 years.

Nationality: Brazilian.

Anatomical Diagnosis: Bronchopneumonia dextra. Pleuritis fibrinosa dextra. Pleuritis adhesiva chronica dupla. Pericarditis acuta fibrinopurulenta. Laryngitis pseudomembranosa (Diphtheria). Tracheotomia. Hyperplasia lienis. Perisplenitis et perihepatitis chronica. Hepatitis intrasetitialis chronica et cicatrices. Pericholangitis chronica. Colitis follicularis. Gastritis haemorrhagica. Petechiae intestini tenuis. Lymphadenitis tuberculosa peribronchialis et peritrachealis. Oedema epiglottidis. Medulla ossea rubra. Ascariasis. Ankylostomiasis. Nephritis diffusa acuta. Hyperplasia glandularum suprarenalium. Cicatrices crurum. Syphilis. Hydrocele dupla. Lymphadenitis chronica mesaraica. Schistosomiasis.

N. B.--This appears to be a case of BANTI'S disease. Death due to diphtheria.

Histological verification of syphilis:
Adrenals.

Adrenals: Perivascular infiltration of lymphocytes and plasma-cells. Thickening of capsule.

Autopsy n^o. 1662.

Sex: Male.

Age: 62 years.

Nationality: Portuguese.

Anatomical Diagnosis: Bronchopneumonia confluens lobi inferioris dextri. Tuberculosis ulcerativa chronica et fibrosis lobi superioris pulmonis dextri. Pneumonia syphilitica. Pleuritis fibrosa chronica dextra. Hyperaemia cerebri. Lymphadenitis acuta peribronchialis. Nephritis interstitialis chronica. Atrophia fusca cordis. Atrophia hepatis et perihepa-

titis chronica (levis). Hepatitis interstitialis (syphilis). Atrophia et fibrosis lienis. Arteriosclerosis. Gastritis chronica atrophica. Enteritis haemorrhagica acuta. Fibrosis testis. Hypertrophia prostatae.

Histological verification of syphilis:
Lung. Testicle.

Adrenals: Intracapsular lymphatic glands. Adenoma of capsule.

Autopsy n^o. 1668.

Sex: Male.

Age: 70 years.

Nationality: British.

Anatomical Diagnosis: Leptomenigitis suppurativa acuta (meningococcus). Nephritis interstitialis chronica. Arteriosclerosis. Aortitis chronica cyphilitica. Splenitis acuta. Tuberculosis fibrocaseosa apicis pulmonis dextri. Hyperaemia pulmonum. Petechiae epicardii et mucosae vesicae urinalis. Fibrosis et atrophia testis dextri.

Histological verification of syphilis:
Aorta. Testicle. Adrenals.

Adrenals: Perivascular infiltration of lymphocytes and plasmocytes. Hyperaemia.

Autopsy n. 1670.

Sex: Male.

Age: 26 years.

Nationality: Brazilian.

Anatomical Diagnosis: Otitis media suppurativa. Bronchopneumonia confluens lobi inferioris pulmonis sinistri. Pleuritis fibrinosa acuta sinistra. Lymphadenitis acuta peribronchialis. Pleuritis fibrosa chronica dextra. Hydroperitoneum. Hyperaemia chronica et degeneratio hepatis. Degeneratio et cicatrices renum. Splenitis acuta. Aortitis syphilitica. Gastritis subacuta. Ulcera cruris. Ascariasis.

Histological verification of syphilis:
Aorta. Skin.

Autopsy n^o. 1671.

Sex: Female.

Age: 24 years.

Nationality: Brazilian.

Anatomical Diagnosis: Ankylostomiasis. Degeneratio acuta renum. Hydroperitoneum. Hydrothorax duplus. Hydropericardium. Endocarditis acuta vegetativa mitralis (levis). Dilatatatio auriculae et ventriculi dextri. Anomalia cordis. Oedema pulmonum. Anaemia. Splenomegalia et cicatrices lienis. Ascariasis.

Histological verification of syphilis: Adrenals.

Adrenals: Thickening of capsule.

Autopsy n^o. 1677.

Sex: Male.

Age: 40 years.

Nationality: Brazilian.

Anatomical Diagnosis: Aortitis syphilitica. Endocarditis chronica valvulae aorticae. Hypertrophia et dilatatio universalis cordis. Hydroperitoneum. Hydrothorax duplus. Pleuritis fibrosa chronica dextra. Tuberculosis fibrosa chronica lobi superioris pulmonis dextri.

Histological verification of syphilis: Aorta. Endocardium. Adrenals.

Adrenals: Thickening of capsule.

Autopsy n^o. 1679.

Sex: Male.

Age: 41 years.

Nationality: Portuguese.

Anatomical Diagnosis: Aortitis syphilitica. Dilatatatio universalis cordis. Hypertrophia ventriculi sinistri. Hyperplasia, hyperaemia et pigmentatio lienis. Hyperaemia chronica renum. Pleuritis chronica adhesiva dupla. Hydrothorax dexter. Emphysaema pulmonum. Hyperaemia meningium. Haemorrhagia subpleuralis dextri. Gastritis ulcerativa. Ankylostomiasis. Ascariasis.

Histological verification of syphilis: Aorta. Kidneys. Lungs. Adrenals.

Adrenals: Infiltration of lymphocytes and plasma-cells perivascular and of medulla. Thickening of capsule.

Autopsy n^o. 1681.

Sex: Female.

Age: 35 years.

Nationality: Brazilian.

Anatomical Diagnosis: Aortitis syphilitica et aneurisma arcus aortae. Dilatatatio et hypertrophia ventriculi sinistri. Endocarditis chronica aortae. Obliteratio orificii arteriae coronariae dextrae. Hydrothorax duplus. Hydroperitoneum. Hyperaemia et oedema pulmonis utriusque. Atelectasia lobi inferioris pulmonis sinistri. Hyperaemia renum. Hyperaemia chronica passiva et degeneratio hepatis. Pleuritis fibrosa chronica adhesiva dupla. Cicatrices colli uteri. Ankylostomiasis. Cadaver putrefactum.

Histological verification of syphilis: Aneurysm. Endocardium. Adrenals.

Adrenals: Perivascular infiltration of lymphocytes and plasma-cells. Adenoma of capsule. Lipoidosis.

Autopsy n^o. 1683.

Sex: Male.

Age: 39 years.

Nationality: Brazilian.

Anatomical Diagnosis: Syphilis. Aortitis syphilitica. Lymphadenitis universalis. Tuberculosis circumscripta pulmonis sinistri. Pleuritis adhesiva chronica dupla. Hyperaemia pulmonum, hepatis, lienis, renum et cerebri.

Histological verification of syphilis: Aorta. Adrenals.

Adrenals: Perivascular infiltration of lymphocytes. Slight thickening of capsules. Lipoidosis of cortex.

Autopsy n^o. 1684.

Sex: Male.

Age: 45 years.

Nationality: Brazilian.

Anatomical Diagnosis: Tuberculosis ulcerativa pulmonis. Tuberculosis miliaris peribronchialis. Pleuritis chronica adhesiva dupla. Arteriosclerosis. Degeneratio adiposa hepatis. Hernia directa inguinalis dextra.

Histological verification of syphilis: Aorta. Adrenals.

Adrenals: Perivascular infiltration of

lymphocytes and plasma-cells. Lipoidosis of cortex.

Autopsy n^o. 1685.

Sex: Female.

Age: 25 years.

Nationality: Brazilian.

Anatomical Diagnosis: Cicatrix et stenosis pylori. Lymphadenitis suppurativa peripancreatica, mesenterica et pre-aortica. Cicatrices tuberculosae ilei. Tuberculosis fibrocaseosa circumscripta pulmonis dextri. Degeneratio adiposa myocardii. Aortitis syphilitica. Degeneratio adiposa hepatis. Degeneratio parenchymatosa renum. Oophoritis tuberculosa. Cicatrices cutaneae inguino-crurales. Cachexia. Myocarditis syphilitica.

Histological verification of syphilis: Myocardium. Aorta. Lymphatic glands. Adrenals.

Adrenals: Central perivascular infiltration of lymphocytes and plasma-cells. Adenoma. Considerable thickening of capsule.

Autopsy n^o. 1687.

Sex: Male

Age:

Nationality:

Anatomical Diagnosis: Peritonitis suppurativa acuta. Salpingitis, endometritis, myometritis suppurativa. Lymphadenitis tracheobronchialis tuberculosa. Aortitis syphilitica. Pleuritis adhesiva dextra. Cadaver putrefactum.

Histological verification of syphilis: Aorta. Adrenals.

Adrenals: Perivascular infiltration of lymphocytes.

Autopsy n^o. 1688.

Sex: Female.

Age: 29 years.

Nationality: Brazilian.

Anatomical Diagnosis: Pyodermatitis faciei. Abscessus pulmonum. Pleuritis fibrinosa acuta. Arteritis syphilitica incipiens. Hyperplasia et hyperaemia lienis. Hyperaemia hepatis et renum. De-

cubitus. Pigmentatio circumscripta crurum. Ascariasis. Trichuriasis.

Histological verification of syphilis: Aorta. Adrenals.

Adrenals: Slight infiltration of lymphocytes in cortex. Thickening of the capsule.

Autopsy n^o. 1689.

Sex: Female.

Age: 49 years.

Nationality: Brazilian.

Anatomical Diagnosis: Morbus Reynaudi). Bronchopneumonia loborum inferioris et medii pulmonis dextri. Pleuritis serofibrinosa sinistra. Pleuritis adhesiva subacuta dextra. Pericarditis serofibrinosa levis. Hypertrophia ventriculi utriusque cordis. Atrophia flava hepatis. Nephritis interstitialis chronica. Arteriosclerosis. Gangraena digitorum manus sinistrae. Clades digitorum manus dextrae. Gangraena digitorum pedis dextri. Sclerosis levis vasorum basis cerebri. Oedema leptomeningium. Endarteritis obliterans syphilitica membrorum.

Histological verification of syphilis: Aorta. Adrenals.

Adrenals: Thickening of capsule.

Autopsy n^o. 1691.

Sex: Male.

Age: 48 years.

Nationality: Portuguese.

Anatomical Diagnosis: Epithelioma bronchi. Epithelioma metastaticum pulmonis, nodorum mediastinorum, oesophagi, hepatis et glandulae suprarenalis. Pneumonia crouposa. Pleuritis fibrinosa acuta sinistra. Pleuritis chronica adhesiva dextra. Emphyaema pulmonis dextri. Splenitis acuta. Nephritis parenchymatosa acuta. Aortitis chronica syphilitica. Hydrocele dupla. Hernia inguinalis directa.

Microscopicamente foram encontrados focos do tumor no myocardio.

Histological verification of syphilis: Aorta.,

Adrenals: Adenomata of capsules.
Carcinomes.

Autopsy no. 1692.

Sex: Male.

Age: 50 years.

Nationality: Spanish.

Anatomical Diagnosis: Malaria. Oedema pulmonum. Degeneratio parenchymatosa renum. Pigmentatio hepatis et lienis. Splenitis acuta. Arteriosclerosis. Icterus. Lymphadenitis tuberculosa tracheobronchialis. Aortitis chronica syphilitica. Tuberculosis fibrocasseosa pulmonis.

Histological verification of syphilis: Aorta. Adrenals.

Adrenals: Perivascular and disseminated infiltration of lymphocytes and plasma-cells.

Autopsy no. 1700.

Sex: Male.

Age: 28 years.

Nationality: Brazilian.

Anatomical Diagnosis: Pneumonia crouposa dextra. Tuberculosis fibrocasseosa pulmonis dextri. Lymphadenitis tuberculosa tracheobronchialis. Aortitis chronica syphilitica. Degeneratio adiposa myocardii. Degeneratio adiposa et tuberculosis miliaris hepatis. Nephritis parenchymatosa. Splenitis acuta. Anaemia. Anasarca. Cicatrix penis. Ankylostomiasis.

Microscopic examination: infiltration of lymphocytes in adrenal, capsule.

Histological verification of syphilis: Penis. Adrenals.

Adrenals: Infiltration of lymphocytes perivascular and in medulla.
