A statistical nosology: comprising the causes of death, classified and alphabetically arranged, with notes and observations for the use of those who return the causes of death under 26 Vic., Cap. II / issued by authority of the Registrar-General for Ireland.

#### Contributors

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#### REGISTRATION OF DEATHS IN IRELAND.

A

## STATISTICAL NOSOLOGY,

COMPRISING THE

## CAUSES OF DEATH,

CLASSIFIED AND ALPHABETICALLY ARRANGED,

WITH

#### NOTES AND OBSERVATIONS.

FOR THE USE OF THOSE WHO RETURN THE CAUSES OF DEATH UNDER 26 VIC., CAP. 11.

Issued by Anthority of the Registrar-General for Freland.



#### DUBLIN:

PRINTED BY ALEXANDER THOM, 87 & 88, ABBEY-STREET,
FOR HER MAJESTY'S STATIONERY OFFICE.

SCHERILLION OF DESCRIPTION APPRECIANDO

## STATISTICALE, NOSOLDOGY

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## REGISTRATION OF DEATHS.

26 Vic., c. 11.

#### INTRODUCTORY REMARKS TO STATISTICAL NOSOLOGY.

THE following publication is a reprint of Dr. Farr's wellknown Nosology, which was issued by the Registrar-General of England in the year 1845. In addition to the Nosology there are instructions to Coroners, and some suggestions that will, I trust, also prove useful to Medical Practitioners generally as well as to the Registrars. It is my intention to present a copy of the Nosology to every member of the Medical Profession in Ireland, with the hope of inducing such practitioners as may be called upon to record the cause of death, to use, when practicable, the nomenclature adopted by Dr. Farr, in order that the Irish returns may be thus made uniform with those of England, and so rendered the more valuable as statistical records. I am happy to add, that I have every reason to expect the cordial co-operation of the members of the Medical Profession in carrying out the important provisions of the Act for the Registration of Deaths in Ireland.

To no other profession can a careful registry of the causes of death and of the fatality of certain diseases prove more acceptable or important than to the medical. I have much pleasure in stating that the King and Queen's College

of Physicians, the Royal College of Surgeons, and the Apothecaries' Company, who were addressed by me on the subject, have each promised their valuable assistance. The President and Fellows of the College of Physicians state, in a communication with which they have been so good as to favour me, "that in their opinion a registration of births and deaths is very desirable, and that the members of the College of Physicians should, as far as it may be practicable, promote the objects indicated in the Act of Parliament for the Registration of Births and Deaths in Ireland." I have also received the following very gratifying letters from the President, Vice-President, and Council of the Royal College of Surgeons, and from the Governor of the Apothecaries' Company:—

Royal College of Surgeons, Ireland, Dublin, April 4, 1864.

SIR,

In the absence of Dr. Hughes, I have been directed to forward you a copy of the following resolution, viz.:—

At a meeting of the Council held on the 3rd of March, 1864, the following resolution was adopted, viz.:—"That we, the President, Vice-President, and Council of the Royal College of Surgeons in Ireland, deeply impressed with the importance and value of the lately enacted measure for the Registration of Births and Deaths in this part of the United Kingdom, and anxious to have its provisions fully and accurately carried out, do resolve to promote, as far as possible, the objects of the Legislature, and earnestly recommend the Fellows and Licentiates of the College to assist the authorities in procuring the statistical information required under the Act."

I have the honour to be, sir, your obedient servant,

JOHN BRENNEN,

Registrar.

Wm. Donnelly, esq., c.B., Registrar-General. The letter from the Governor of the Apothecaries' Company is as follows:—

Apothecaries' Hall, Ireland, Dublin, February 4, 1864.

DEAR SIR,

I beg to acknowledge the receipt of your letter of the 30th ult., relative to the Act for the Registration of Deaths in Ireland, and conveying your desire that you might be aided in carrying out the intention of the Legislature by the heads of the Medical Profession in this country.

In reply, I am to assure you of the willingness of the Apothecaries' Company to co-operate with the Government and the Medical Colleges in obtaining "accurate and uniform returns of the causes of death," as required by the 26th Vic., cap. 11, and that they will gladly use their influence with their Licentiates for this purpose.

I have the honour to be, dear sir, yours faithfully,

THOMAS COLLINS,

Governor.

Wm. Donnelly, esq., c.B., Registrar-General.

I trust that with such influential assistance from these eminent scientific bodies, I may confidently anticipate returns of the causes of death in Ireland, so accurate and uniform as will render them records of great national value.

WILLIAM DONNELLY,
Registrar-General.

GENERAL REGISTER OFFICE, DUBLIN, May, 1864.

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## STATISTICAL NOSOLOGY.

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## STATISTICAL NOSOLOGY.

(As this list has been drawn up principally for the use of those who return the causes of death-many diseases are omitted; but the generic names of cutaneous diseases, and of others which are not fatal, have been introduced to indicate the place which they should occupy, if the nosology should be employed in classifying cases of sickness.)

The names which it is recommended should be used in the registers are in the FIRST COLUMN; the names opposite to them are synonymes, which may be used at the discretion of the medical informant, if considered more appropriate in the particular case. The utility, however, of adhering as much as possible to uniformity will be obvious, and has already been pointed out.

Note .- In entering and copying the causes of death, the REGISTRAR should if possible, write each disease, and its duration, in a separate line.

#### (1.)—ZYMOTIC DISEASES.

This class comprises diseases which have been observed to be epidemic, endemic, or contagious. The blood is probably, in the greater number of them, the primary seat of disease: and they may be considered by hypothesis, the results of specific poisons, of organic origin, either derived from without, or generated within the body.

(Hippocrates, Sydenham, Sprengel, Ozanam, Villermé, Williams, Liebig.)

Names to be used.

1. a. SMALL Pox, - days; (1st or 2nd attack.)

(Petechial, confluent, semicon- ; vaccinated - years, or - days, fluent, distinct, varicelloid.)

Other Names.

Variola. If never vaccinated to be so stated.

(before eruption of s. p.); effect failed or imperfect.

; vaccinated — years, or — days; marks left.

; vaccinated — years, or — days; took effect, but no marks.

; not known whether vaccinated or not.

Pneumonia is often a fatal complication of small-pox and measles; such cases should be registered, "small-pox, - days; pneumonia, - days," &c. (Dr. Gregory, Mr. Celey.)

<sup>\*</sup> The writers whose names are cited must not be held responsible for the opinions expressed in the notes. They are referred to either because they have given summaries of the present state, or have extended the domain of our knowledge by original investigations. They are of course but a small number of the many eminent contributors to medical science who have adorned the present age; but in their writings will be found the prevailing medical opinions, which will for some years guide the medical practitioners of this country in returning the causes of death. It has not been thought necessary to refer to the particular works; but where monographs have not been published, articles by the writers on the particular subjects will be found in the Library of Medicine, the Cyclopædias of Medicine,

Other Names.

b. CHICKEN-POX.

Varicella. Ex.—Small-pox, — days (1st attack); (never vaccinated.)

Small-pox, 14 days (2nd attack); (never vaccinated).

Small-pox, 17 days; pleurisy, 1 day (p. m.); (not known whether vaccinated.)

Small-pox, 21 days; pneumonia, 7 days; (not vaccinated.)

Small-pox, confluent, 12th day; (vaccination never attempted.)

Small-pox (petechial), 9 days; (vaccinated young, 2 good cicatrices.) Small-pox, 9 days; laryngitis, 1 day; (vaccinated only 4 days before eruption.)

Chicken-pox, 8 days; hooping cough, 6 days.

2. MILIARIA.

Miliary fever.

3. MEASLES.

Rubeola; morbilli.

Rubeola maligna may be distinguished by the epithet "malignant;" so also may Scarlatina maligna.

Ex.—Measles, 14 days; diarrhæa, 6 days.

Measles, 14 days; phleamon of arm—gangrene, 7 days.

Measles, 14 days; purpura, 1 day.

Measles, 13 days; phlegmonous erysipelas, 6 days.

Measles, 9 days; bronchitis, 7 days; pneumonia, 3 days; convulsions, 1 day.

Measles, 6 days; scarlatina, 3 days; pneumonia, 2 days; convul-

sions, 1 day.

Bronchitis with measles; the eruption did not appear till immediate'y after death.

Other secondary diseases are dropsy, croup, noma.

4. a. Scarlatina.

Scarlet fever; rosalia.

b. SCARLATINA, followed by dropsy.

c. PUTRID SORE THROAT Angina maligna (Dr. Tweedie).

(Scarlatina.) Ex.—Scarlatina, 39 days; dropsy, 24 days; peritonitis, 14 days (p. m.)

Scarlatina maligna, 5 days.

Scarlatina, 4 weeks; acute pericarditis, 24 hours.

Scarlatina maligna, 21 days; purulent infiltration, 7 days (p. m.) Scarlatina, 7 weeks; pneumonia (duration unknown); tubercles in lungs (p. m.)

Scarlatina, 4 weeks; dropsy, 5 days; angina maligna, 2 days.

Scarlatina maligna, 7 days; putrid sore throat, 3 days.

Scarlatina, 33 days before death; anasarca renalis, 21 days; pleuritis, pericarditis, peritonitis (p. m.)

Anatomy, and Surgery, the Transactions of Medical Societies, or in the Medical Journals. The various nosologies, Cooper and Copland's Dictionaries, the works on the Practice of Physic by Mason Good, Craigie, Bright, Addison, and Aitkin, and the excellent Lectures of Dr. Watson might also be named. As the object has been to refer to writings easily accessible to every medical practitioner who may have occasion to return the causes of death, the names of few foreign or ancient writers have been cited. This is mentioned that the omission might not be misinterpreted. The writers named at the beginning of each class have generally treated of the diseases of that class.

Other Names.

5. DIPHTHERIA.

Diphtheritis; diphtherite.

This specific inflammation, with the exudation of coagulable lymph, is frequently called *Angina membranacea*, and *ulcerated sore throat*. There are neither true eschars nor ulcers. (*Bretonneau*.)

Ex.—Diphtheria, 21 days (p.m.), Diphtheria, 10 days (p.m.)

6. Mumps.

Cynanche parotidæa; parotitis; parotia.

7. Hooping-Cough.

Pertussis; chin-cough.

Ex.—Hooping-cough, 21 days; remitting fever, 10 days.

Hooping-cough, 21 days; pneumonia, 7 days.

Hooping-cough, 4 months; paralysis of (motor nerves) right side, 1 month; pneumonia, 3 weeks.

Hooping-cough, struma.

Hooping-cough and teething, 6 weeks; pneumonia, 5 weeks; chicken-pox, 10 days; noma, 5 days.

8. CROUP.

Cynanche trachealis.

Whenever croup is a secondary disease, or is complicated with diphtheria (5)—it should be so registered.

Ex.—Croup, 48 hours. Croup, 7 days. Croup, 54 hours.

9. THRUSH.

Aphtha; lily.

Aphtha, with vesicles, ulcers of the follicles, or a concrete mucous secretion, is included in this entry. The latter form is called muguet in France, and lily, the corresponding English name, in some parts of this country. Aphtha occurs in the latter stages of chronic diseases, to which and to "Thrush," the death must be referred.

Ex.—Aphtha, 7 days.

10. DIARRHEA.

Looseness; purging; bowel complaint; lientery. (Latham.)

When the diarrhea occurs in the course of typhus, of consumption, or of other diseases, it should be so registered.

Ex.—Diarrhæa, 5 days; convulsions, 8 hours.

Diarrhæa, 30 days; senile gangrene (haunch), 16 days.

11. Dysentery.

Dysenteria; flux; bloody flux; (Johnson, Martin.)

Ex.—Dysentery, 14 days.

Dysentery, 6 weeks (ulc. of colon and rectum); gangrene of nates, 4 days.

Dysentery (endemic), 24 days; convulsions (2nd fit), 24 hours

(p.m.)

12. CHOLERA.

Cholera Asiatica; epidemic cholera; cholera biliosa; cholera infantum; cholera morbus; cholerine.

Ex. - Cholera-low fever, 15 days.

Other Names.

13. INFLUENZA.

Catarrhus epidemicus; epidemic catarrh. (Dr. Holland.)

Ex.—Influenza; bronchitis, 6 months. Influenza; enteritis, 2 months.

14. a. Scurvy.

Scorbutus. (Dr. Budd.)

Scurvy is characterized by spongy, livid gums; it is confounded by the ignorant with the scurfy eruptions of children.

b. PURPURA.

Purpura hæmorrhagica; purples.

Ex.—Purpura, — days (exhaustion after great fatigue from travelling.)

15. AGUE.

Febris intermittens; intermittent fever.

It should be stated whether the ague was quotidian, tertian, or quartan; and the complications, without which it would be rarely fatal, should be added.

Ex.—Ague—dysentery, 8 days (p. m.)

16. a. REMITTENT FEVER.

Febris remittens.

Not to be applied to cases sometimes called "infantile remittent fever" (see 80), nor to any but cases of the genuine remittent fever so prevalent in the Tropics, and rare in England.

Ex.—Remittent fever, 3 weeks; intestinal hamorrhage, 18 hours.

b. YELLOW FEVER.

Typhus icterodes.

Probably an aggravated form of remittent fever.

Ex.—Yellow fever, 6 days; black vomit 2 days before death.

17. а. Турния.

Typhus fever.

b. TYPHIA.

Typhoid fever; dothinenteria; gastric fever.

c. Typhinia.

Relapsing fever; famine fever.

These three forms of continued fever are now generally distinguished; the second (dothinenteria) with ulceration of the glands of Peyer; the first without this character; and the third a febrile disease of less severity. Some writers distinguish "gastric fever," "nervous fever," "synochus," "synocha," "jail fever," "camp fever." These terms may be employed at the discretion of the informant, but the common distinction of the varieties of fatal typhus is not founded on essential characters. Care should be taken not to confound idiopathic inflammation of the lungs, brain, or mucous membranes with typhus, which is a distinct well-marked disease. (Louis; Christison; Southwood Smith.)

The more important complications of typhus, such as erysipelas, meningia (see note 71 b), pneumonia, perforation of the intestine, and peritonitis, should be registered; the existence of petechiæ, rose-spots, ulcers of the glands of Peyer, glandular disorganization may also be noticed in this im-

portant disease.

Ex.—Typhus, 21 days; congestion of brain, 14 days.

Typhus, 20 days; diarrhæa, 13 days (ulceration of Peyer's glands,

Typhus; hemiplegia, terminating in apoplexy, 14 days. Typhus, — days; serous effusion in ventricles of brain.

Typhus, 42 days; dropsy, 7 days.

Typhus, encephalia, 14 days; apoplexy, - days.

Typhus (petechiæ), 14 days.

Typhus 16 days; pneumonia (right), 6 days (inadequately fed).

Other Names.

Typhus (maculated), 11 days; left lung much enlarged (p. m.). Typhus, 3 weeks; noma (both cheeks), 10 days.

18. METRIA or PUERPERAL FEVER. Uterine phlebitis; puerperal peritonitis; childbed fever, 104. (Dr. R. Lee; Dr. Ferguson).

Metria has been derived from  $\mu\eta\tau\rho\alpha$ , the womb—(root  $\mu\eta\tau\eta\rho$ , mother).

19. Pestis.

Plague. Was prevalent in England down to the close of the seventeenth century. 68,956 deaths were reported in the London bills of mortality, A.D. 1665. Only two cases were reported in 1679. It then merged in "spotted fever," or "ague and fever," and has now disappeared. May not isolated cases, however, occur sporadically, and be confounded with typhus?

20. RHEUMATIC FEVER.

Rheumatismus; rheumatism (acute).

Rheumatism is rarely fatal except when it is acute and attacks the membranes of the heart or brain; such cases should be registered "Rheumatic fever — days; pericarditis — days." "Rheumatic fever; meningitis — days." &c. See "Chronic rheumatism," 106. (Dr. Bright; Dr. Macleod.)

Ex.—Rheumatic fever, 12 days; meningitis, 8 hours.

Rheumatic fever, 2 months; tracheitis, 4 days. Rheumatic fever; disease of heart, 2 years. Rheumatic fever, 10 days; jaundice, 2 days.

21. a. Syphilis (Primary). Lues venerea; venereal disease; chancre.

The particular form of the primary and secondary disease, as well as complications, should be specified. Phagedæna, rupia, or the immediate cause of death, should be especially noted.

(Hunter; Mr. Parker, M. Ricord, b. Syphilis (Secondary). Mr. Acton).

Ex.—Syphilis, 3 months; convulsions.

Syphilis, consumption, 12 months.

Syphilis, 21 months; phthisis, 8 months (tubercles in lungs, p. m.). Syphilitic ulcers on scalp, some months.

Syphilis; ulceration of cartilage of larynx, — weeks.

c. GONORRHEA.

22. a. ERYSIPELAS.

Ignis sacer; rose; St. Anthony's

Ex.—Erysipelas of the head, 12 days (idiopathic).

Erysipelas, 23 days; bronchitis, 11 hours.

, 14 days; suppuration in knee-joints, with Erysipelas in absorption of matter, 4 days.

Erysipelas of head and face, 3 weeks; arachnitis and effusion. It should have been stated in the last and the preceding cases, whether the erysipelas was traumatic; and if so, what was the nature of the wound.

b. TRAUMATIC ERYSIPELAS.

Erysipelas is either simple, phlegmonous, or ædematous. It occurs occasionally at the close or in the course of other maladies, to which and to erysipelas, the death should in such cases be referred. Erysipelas frequently follows wounds and surgical operations. The operation, as well as the disease for which it was performed, should be registered thus:-"Scrofulous disease of ankle joint,-amputation of the leg,-erysipelas." See 145.

Other Names.

c. ERYTHEMA.

This rash or superficial blush of the skin is sometimes confounded with erysipelas. It is frequently symptomatic of disorders of the digestive organs.

23. a. NECUSIA.

A disease produced by puncture or infection in dissection; inoculation with the matter of a dead body; cellulitis venenata. (Dr. Duncan; Mr. Stafford; Dr. Williams).

Necusia has been derived from verue, the dead body.

b. MALIGNANT PUSTULE.

Pustule maligne.

Occurs sometimes in butchers, or others who have handled the carcases of infected animals.

c. Hospital Gangrene.

See 39. (Butter).

d. TETANUS.

See 53.

e. MILDEW MORTIFICATION.

Gangræna ustilaginea; ergotism.

24. GLANDERS.

Equinia; farcinoma.

It may be stated how the disease was contracted. (Elliotson; Rayer.)

25. Нурворновіа.

Lyssa; rabies.

The time which elapses between the bite of the rabid animal and the first symptoms of disease,—between the symptoms and the death of the patient, should be mentioned. If spontaneous cases ever occur, and prove fatal, they should be carefully distinguished.

Ex.—Hydrophobia, 4 days (bit by a rabid dog 5 months before).

26. Porrigo.

Tinea; favus; scald-head; ringworm of the scalp. (Plumbe, Phillips, Gruby.)

27. SCABIES.

Itch, psora. (Raspail, E. Wilson.)

26, 27, are not fatal diseases, but belong to this class. The secondary diseases or complications should be always stated.

#### (2).—SPORADIC DISEASES OF UNCERTAIN OR VARIABLE SEAT.

This class consists of diseases of variable seat, or diseases in which the nature of the morbid product or action is, as in cancer, of more importance than the part affected.

(Meckel, Andral, Carswell, Cruveilher, Craigie).

28. Hæmorrhage. Bleeding; rupture or bursting of a blood-vessel; hæmorrhagia.

If the bleeding be from wounded arteries or veins, it should be stated. It is commonly supposed that the discharge of blood from the lungs and other internal organs is, like external hæmorrhage, from an opened blood-vessel. This is an error. Hæmorrhage from the rupture of a blood-vessel is rare. The blood is exhaled from the capillary system of internal organs. Death should be ascribed to rupture of a blood-vessel only when the rupture has been detected; and it will then be more convenient to use "laceration or bursting of an artery or vein," as the case may be, naming the particular vessel.

Other Names.

When the hæmorrhage arises from the bursting of an aneurismal sac, or of varicose veins, the entry should be "Aneurism burst."-"Varicose vein burst."

Fatal hæmorrhage occurs in fevers, in scurvy, and in purpura, of which, and some specific alteration in the blood, it is then the result. The cases should be registered "Scurvy with hæmorrhage from the gums," &c., &c.

Hæmorrhage is the frequent result of morbid alterations or deposits in the tissues, as in consumption and cancer. It is here a secondary malady.

Hamorrhage is also produced by obstructions of the venous circulation, as

in some diseases of the heart and liver.

These remarks apply generally to epistaxis, hæmoptysis, hæmatemesis, melæna, hæmorrhoids, hæmaturia (which are named distinct diseases), as well as to other hæmorrhages. When hæmorrhage takes place in the head, it causes apoplexy and paralysis. (Dr. Watson.)

a. Epistaxis.

See "Em-

Bleeding from the nose.

Ex.—Epistaxis, 2 months (hamorrhagic spots in brain and heart).

b. Hæmoptysis. Discharge of blood (generally red) from the lungs by coughing; Water on the chest. spitting of blood.

Ex.—Hæmorrhage from lungs, 7 days.

Hæmoptysis, 4 days (tubercles in lungs, p. m.).

Measles, 14 days; ruptured vessel, 3 minutes. (What vessel, was not stated.)

c. Hæmatemesis.

Vomiting of blood (generally dark).

Ex.—Hæmatemesis, 2 days.

Hæmatemesis; scirrhus of pylorus, 20 years. Hæmatemesis, 15 years; last attack, 3 days.

d. MELENA.

Discharge of black blood by stock from the intestines.

Ex.—Hamorrhage from intestines after a violent fit of coughing, 10 hours (a male, age 49).

e. HEMORRHOIS.

f. HÆMATURIA.

Bleeding piles.

Discharge of blood from the urethra (frequently from stone in the kidneys); bloody urine.

Ex.—Hæmaturia, 5 years; liver disease, 6 months.

g. Menorrhagia. Uterine hæmorrhage (not in nor after delivery).

Ex. - Menorrhagia, 5 months; jaundice, 4 months. Cancer of uterus; menorrhagia, 1 year.

h. FLOODING.

In childbirth or abortion, see 104.

Ex.—Hamorrhage in 8th month of pregnancy, 19 days.

29. a. ANÆMIA.

Bloodlessness; sanguinis defectus.

b. Chlorosis.

Green sickness.

30. Dropsy.

Hydrops; anasarca; œdema.

For the acute dropsy following scarlatina, see "Scarlatina." Whenever there is "dropsy," it should be registered, and referred to the heart, lung, or kidney diseases, if they be positively proved to exist either by the symptoms or post mortem examination. Where there is a doubt about the existence of the organic disease, "dropsy," alone should be used. Dropsy occurs in

Other Names.

chlorosis, after intermittents, in scurvy, and in the impoverished state of blood produced by inadequate nourishment; which should always in such cases be registered as well as the dropsy. When partial dropsy occurs from the obstruction of a vein or veins, it should be so stated. The effusions in pleurisy, pericarditis, and other inflammations of serous membranes, should be registered "Pleurisy with serous effusion," &c. A distinct name is, however given to this form of pleurisy—"empyema." "Beriberi" is allied to dropsy (Dr. Wells, Dr. Blackall, Dr. Watson.)

Ex.—Anasarca, great dilatation and hypertrophy of heart (p.m.) Dropsy, 2 years; erysipelas, 9 days.

a. Dropsy (acute).

Inflammatory dropsy; febrile dropsy.

b. Dropsy, with Granular (95).
Disease of Kidneys.

c. HEART DISEASE, with (59 and 60).
Dropsy.

d. Hydrothorax.

Water on the chest. See "Empyema." (70 b.)

Is generally a symptom of heart disease, which should be registered.

e. Hydropericardium.

Dropsy of the heart sac; water in the pericardium, see note d.

f. Ascites.

Dropsy in the belly.

The ascites arising from a peculiar disease (cirrhosis) of the liver, or from chronic peritonitis, should be carefully distinguished from general dropsy, which involves the abdomen with other parts of the system. See 90.

g. Hydrocele.

Water in the tunica albuginea.

A troublesome disease, but can scarcely be a cause of death, except when an operation is performed for its removal.

h. Ovarian Dropsy. 1
Ex.—Ovarian dropsy, 3 months.

Hydrops ovarii. (Dr. Seymour).

i. CHRONIC HYDROCEPHALUS.

This term should be applied exclusively to the chronic dropsy of the head. (See 46).

Ex .- Congenital hydrocephalus (age 8 days).

31. a. ABSCESS.

Abscessus.

b. PURULENT DEPOSIT.

Purulent infiltration; phlebitis.

Pus is deposited in the serous sacs, the brain, the lungs, the liver, and other parts of the body after inflammation of the veins, surgical operations, child-birth, erysipelas, typhus, scarlatina, &c. The diseases which appear to have led to the formation of the deposits should be registered.

Abscess is a frequent termination of local inflammations; to which and the abscess, the death, in such cases, must be ascribed. *Psoas abscess, lumbar abscess*, and abscesses which form without the visible signs of inflammation, are generally scrofulous affections of the joints and glands.

Abscess under omentum; effusion into peritoneum; peritonitis, 10 days (p.m.)

32. a. Ulcer of -\*

Ulcus.

b. CARIES OF -\*

Ulcer of the bone.

c. FISTULA IN ---\*

Ex .- Fistula, - years.

<sup>\*</sup> The part to be stated here.

Other Names.

33. (Tuberculous Disease).

a. Scrofula,\* or Struma. Evil; king's evil; cretinism.

(Alison, Carswell, Lugol, Baudelocque, B. Phillips.)

\* The parts affected with the scrofulous disease should be added; and Struma or "Scrofula" alone should scarcely ever be used.

b. Scrofulous, or Strumous Inflammation of the glands; ade-INFLAMMATION OF — nitis; disease of the joints.

Ex.—Scrofulous in flammation of hip-joint; effusion of pus in peritoneum.

c. Scrofulous, or Strumous

ABSCESS OF -

Ex.—Scrofulous abscess, 2 years; dysentery, 14 days.

d. Scrofulous, or Strumous Ulcer of —

e. Psoas Abscess.

Abscessus psoanus; abscessus lumbalis.

Ex.—Caries of spine, 2 years; lumbar abscess, 6 months; diarr-haa, 2 months.

Scrofulous disease of hip-joint, 5 years.

Scrofula; psoas abscess, 12 months.

Scrofulous disease of spine, 6 years; dropsy, 10 weeks.

Psoas abscess, 2 years.

f. Tabes Mesenterica. Mesenteric disease; marasmus.

Ex.—Tabes mesenterica, 3 months; (without breast milk last month).

Mesenteric disease, 2 months; diarrhæa, 2 weeks.

g. Phthisis. See No. 73. Phthisis pulmonalis; consumption; tubercular phthisis.

In phthisis the lungs are the most important seat of the deposit and the disease, which are not, however, confined to those organs, but also affect the mesenteric glands, the liver, the kidneys, the mucous and the serous membranes. Perforation of the intestine, or of the pleura, is sometimes the immediate cause of death in phthisis. Such cases should be registered "Phthisis; perforation of the ilium;" "Phthisis, pneumothorax," &c. All the important secondary diseases in phthisis should be registered in a similar manner. (Bayle, Laennec, Louis, Sir James Clark).

Ex.—Scrofulous disease of ankle joint, 18 months; phthisis, 4 months.

Phthisis and tubercles in mesentery, 2 years; peritonitis, 12 hours.

Phthisis, 2 years; hæmoptysis.
Phthisis, 2½ years; peritonitis, 18 hours.

Phthisis, large cavities in left lung especially; slight hæmoptysis, — months.

h. RICKETS. Rachitis.

Ex.—Rickets, 3½ years; congestion of brain, 10 hours.

i. Bronchocele. Wen; goitre; Derbyshire neck.

Rickets and bronchocele have generally been referred to scrofula, but they are not perhaps essentially tuberculous diseases, though the persons in whom they occur are of a scrofulous habit.

Other Names.

j. HYDROCEPHALUS.

Can often be traced to tubercles in the meninges of the brain, (See 30 and 46).

34. GOUT.

Podagra.

The part attacked by gout may be registered.

Ex.—Gout, 5 months; ascites, 1 month.

Gout and gradual decay, confined to bed, 13 months, age 74.

Gout; asthma, 12 months.

Gout, retrocedent, attacking the heart, 22 days.

35. a. Cancer (Encephaloid).— Fungus hæmatodes; soft cancer; osteosarcoma; carcinus.

b. Cancer (Scirrhus). Stone cancer; scirrhoma; carcinus.

c. Cancer (Colloid). Gum cancer; carcinoma alveolare.

Add "Chimney sweeps" after the cancer of the scrotum in this class of persons. Many other varieties of cancer, or of carcinoma, have been described; and different names have been applied to each variety. The three species (Walshe) should be distinguished; and the parts affected be added in Latin, thus: "Cancer uteri." When death follows an operation for the removal of cancer, it should be so registered. (Carswell, Mueller, Dr. Walshe).

Ex.—Cancer in groin, 2 years; cholera, 3 days; dysentery (epidemic), 2 days (p.m.)

Cancer (soft) of brain; symptoms obscure, 12 months, evident last 3 months (p.m.)

Cancer uteri, 2 years.

In cases of this kind, the Latin names of parts should be employed.

Cancer mammæ, 17 months; pleura and lung, time uncertain.

Cancer uteri, 7 months; uterine hæmorrhage, 5 months; scirrhus of pylorus, 4 months (p. m.)

Cancer uteri, 1 year; scirrhus ventriculi, 6 years.

Cancer of pylorus (complained 10 weeks); ascites 4 or 5 weeks.

Cancer of peritoneum.

Cancer cervicis uteri, some years; ascites, 6 months.

Scirrhus of pylorus, — years; perforation, peritonitis, — days (p.m.)

Cancer renis, 2 years; scirrhus of tongue,  $6\frac{1}{2}$  months.

Cancer penis, 10 months; right groin, 5 months, left, 3 months.

Fungus hæmatodes in pancreas, heart, lungs, liver, kidneys, and surface of stomach (p.m.), noticed 3 months.

Gum cancer, ilium, &c., - weeks.

36. MELANOSIS.

Tumours of black colouring matter.

The spurious melanosis occurring in colliers, &c., is a peculiar disease of the lungs. (Carswell.)

37. a. Hypertrophia; enlargement.

(Add the respective organs.)

b. Tumour (Adipose) of -

c. Tumour (Fibrous) of -

Fibrous and adipose tumours are the principal enlargements which cannot be referred to the preceding heads. Fatal tumours are commonly of a malignant character. (Dr. Warren).

Other Names.

Ex.—Fibrous tumour of uterus and ovary.

Tumour of brain suppurated; epilepsy, — days.

d. POLYPUS OF -

Ex.—Polypus uteri, 7 months.

38. а. Аткорну об —

Atrophia.

b. EMACIATION.

Decline; wasting; marasmus.

The part affected to be added after atrophy, which should only be applied to local defects of nutrition. When the emaciation is general, it is usually the result of tuberculous or of some chronic disease. It is then a mere symptom. The same remark will apply to general debility. (42).

Ex.—Marasmus, 10 weeks; emaciation and debility (age 9 months).

39. MORTIFICATION.

Gangræna; sphacelus; sloughing.

a. RAMOLISSEMENT OF -

Softening.

b. DRY GANGRENE OF -

Gangræna senilis.

c. Hospital Gangrene of — (23.) Gangræna nosocomialis.

d. Noma.

Water-canker; gangræna oris; cancrum oris.

e. Frost-bitten in —
f. Traumatic Gangrene

Gangrene from cold (see 136).

Gangrene from injuries (see violent deaths, 144, 145).

g. Bedsore.

Ex.—Gangrene of right lung, 3 weeks; pneumonia (left lung), a few hours (p.m.)

Gastro-enteritis, 21 days; gangrene of fingers of left hand, 24

days.

Dry gangrene of toes, 10 days.

Mortification of integuments of back, -- days.

It was not stated in this case, as it should have been, how the mortification was caused.

Noma (mouth), - days (a child of 2 years).

Noma (umbilicus), - days.

Dysentery, 9 months; noma, 14 days (p.m.)

Noma, extending through both cheeks, — days.

Noma through upper lip, - days.

Noma through lower lip, - days.

Under "Mortification" should be registered all the remaining varieties.

If mortification occur after hernia, an operation, a blister, &c., it should be registered "Hernia, mortification of the intestine," &c.

40. CATACAUSIS.

Spontaneous combustion.

The circumstances in which it appears to have happened should be briefly

41. OLD AGE.

Senectus; natural decay; natural debility from age; climacteric disease. (Sir Henry Halford).

There is reason to believe that many of the diseases of the aged are not detected; and that the terms, "Old Age" and "Natural Decay," are often incorrectly assigned as causes of death. Pneumonia is a very frequent cause of death in the aged; and can be detected by the physical signs, though its other symptoms may be latent.

Other Names.

42. a. Debilitas (from Birth). Debilitas. Low vitality, low vital tenacity. (38) (47).

Has been generally used to designate the unknown cause of the deaths occurring shortly after birth, or perhaps more frequently from premature birth.

#### b. PREMATURE BIRTH.

The mortality of the child (fœtus) in utero is probably very great (Dr. Granville); but as little is known of the diseases of intra-uterine life, "premature birth" should be employed in entering every case of death occurring between the seventh and ninth months of pregnancy. "Premature birth" must be the result of the mother's or the child's malady or injury, which should be written, if known under "Premature Birth."

Ex.—Premature birth in 7th month; convulsions. Premature birth in 6th month.

43. Malformation.

(Geoffroy St. Hilaire.)

a. Cyanosis.

Blue disease.

b. SPINA BIFIDA.

c. Anus Imperforatus, &c. Imperforate anus.

Ex.—Spina bifida, 8 weeks; hydrocephalus, 5 weeks.

Nonclosure of foramen ovale; also a communication between the ventricles (age 4 years), (p. m.)

Congenital constriction of larynx (age 3 months), (p. m.)

Hæmorrhage from different parts of the body; the skin imperfect from birth (a male, age 6 weeks).

"Imperfectly developed" is an ambiguous expression, and should be avoided.

44. Worms.

Vermes; verminatio.

a. HYDATIDS.

Acephalocystis endogena; A. multifida; echinococcus hominis.

b. TAPE WORM.

Tænia solium.

- c. STRONGILUS GIGAS.
- d. Ascaris Lumbricoides.

Round worm.

e. ASCARIS VERMICULARIS.

Thread worm.

Other parasitic animals, and indeed those above named, though frequent complications of infantile diseases, rarely prove fatal. When such curious species as the *Trichina Spiralis* are discovered, they should be mentioned after the fatal disease. (*Dr. Arthur Farre.*)

## (3.)—SPORADIC DISEASES OF SPECIAL SYSTEMS AND ORGANS.

This class consists of Congestions, Inflammations, the results of Inflammations in certain parts, and Mechanical or Functional Diseases.

#### NERVOUS SYSTEM. (Abercrombie, Marshall Hall.)

45. a. MENINGITIS.

Inflammation of the membranes of the brain,—the pia mater, or arachnoid; arachnitis; phrenitis; phrensy; brain fever.

Ex.-Phrenitis, 8 days.

Other Names.

b. ENCEPHALITIS.

Inflammation of the substance of the brain; cerebritis; cerebellitis; ramolissement or necrencephalus (one form of it is inflammatory.)

Ex.—Chronic cerebritis, with general paralysis, 12 months.

Apoplexy-softening of brain, 7 months.

Softening of brain; ossification of arteries, — months. Softening of central parts of brain; convulsions, — days.

#### c. CEPHALITIS.

"Cephalitis" may be employed to designate the inflammation in the head when inflammation affects both the membranes and the substance of the brain to nearly an equal extent, or when the diagnosis is uncertain. (Rostan, Lallemand.)

Ex.—Cephalitis, about 50 hours; serous effusion,  $3\frac{1}{2}$  hours.

Arachnitis, — days; ulceration of Peyer's glands (p. m.), (a child of 8 months.)

d. Myelitis.

Inflammation of the spinal marrow.

State whether with or without ramolissement.

46. Hydrocephalus (Acute). Water on the brain; tubercular meningitis. (Rufz, P. H. Green, 33, 30.)

Inflammation of the central parts of the brain (Abercrombie).

Ex.—Tubercles in brain, about 2 months; hydrocephalus, 14 days (p. m.)

47. APOPLEXY.

Apoplexia; apoplectic fit; stroke.

When it is a second or third attack, add 2nd, 3rd, &c., attack, as the case may be; and state how long ago the first attack occurred. The same remark will apply to paralysis, delirium tremens, chorea, mania, epilepsy, convulsions, neuralgia.

Sudden death is frequently referred to apoplexy upon no satisfactory evidence; while effusion of blood into the arachnoid of infants is often overlooked, if we are to admit, according to M. Cruveilher's researches, that it destroys more than one-third of the infants who die shortly after birth. (Anat. Path.)

Ex.—Apoplexy; blood effused over convolutions of left hemisphere, 3 months (p. m.)

Apoplexy, 3½ hours; gouty deposit in arteries.

Apoplexy, 24 hours.

Apoplexy (first attack), 7 hours. Apoplexy, (— attack), 2 hours.

Paralysis (of ).

Apoplexy, 13 hours.

Paralysis (of right side), 6 weeks.

Apoplexy, paralysis, 4 years; hæmatemesis and melæna.

Apoplexy (2nd attack), 1 hour; blood in the ventricles of brain (p. m.)

48. a. PARALYSIS OF-

Hæmencephalus; necrencephalus; paralytic stroke; hemiplegia; paraplegia (28).

To cases of apoplexy, complicated with paralysis, the old term "Paraplexy" may be applied. When ruptured vessels, or clots of blood, or ramolissement

Other Names.

(necrencephalus) are detected, the part of the brain or spinal marrow affected should be stated. The parts paralyzed, and the time from the first attack, should be added after paralysis. Loss of sensibility is anasthesia, loss of mobility acinesia. Barbiers appears to be a peculiar form of paralysis.

Ex.—Paralysis, 2 months; hæmaturia, 21 days.

Paralysis of right side, 20 days (blood effused in left brain).

Paralysis, 9 months; epilepsy, 3 months.

Paralysis, 7 years; cerebral effusion, 7 days.

Paralysis, amaurosis, 3 years.

), 9 months; apoplexy, 2 hours. Paralysis (of

Paralysis, 3rd attack, 30 hours.

b. SHAKING PALSY.

Paralysis agitans.

Paralysis caused by lead, mercury, or arsenic, should be referred to its cause.

49. DELIRIUM TREMENS.

Trembling with delirium. Mania a potu.

The cause may be stated. See "Intemperance," 135.

Ex.—Delirium tremens, 14 days; bronchitis, 4 days.

Delirium tremens, 8 months ago; laryngitis, bronchitis, 14 days. Delirium tremens, — years; 2nd attack, 5 days.

50. CHOREA.

St. Vitus's dance; tarantism.

51. a. MANIA.

Madness; insanity.

Ex.—Mania, — months (from lactation.)

Mania, 3 weeks; exhaustion.

Mania (acute), 3 weeks.

Mania, 36 years; gradual exhaustion.

Mania, 21 years; general paralysis.

Epilepsy, mania, exhaustion.

Mania, 12 days; congestion of brain, 3 days.

Mania, — years; pneumonia, 1 week. Mania, 20 days; epilepsy, 3 days.

b. Monomania.

Melancholia; partial insanity; hypochondriasis.

c. Dementia.

Mental imbecility; incoherence; insanity.

Ex.—Dementia, 4 or 5 years.

Senile dementia; exhaustion; effusion into chest, 6 months.

d. IDIOCY.

Congenital idiocy; malformation of the brain. See 43.

When lunatics die of phthisis, apoplexy, and other diseases, the cases should be registered "Monomania, phthisis," &c., &c., &c. (Gall, Spurzheim, Burrows, Prichard, Conolly.)

52. a. EPILEPSY.

Epilepsia; falling sickness; epileptic fit.

Ex.—Epilepsy, 8 years; asphyxia in a fit (congestion of viscera; effusion in lungs), (p. m.)

Epilepsy, apoplery, 43 hours; no morbid appearance in head; heart enlarged.

Other Names.

Epilepsy from infancy (age 6).

Epilepsy, - years; serous apoplexy, 36 hours.

Epileptic fit, 2 hours.

It should be stated in this and similar cases whether the fit were the first, &c., experienced; or, at any rate, how long the patient had been subject to epilepsy.

b. Hysteria.

Hysterics; hysteric fit.

53. a. TETANUS.

Trismus; lock-jaw; opisthotonos; emprosthotonos; pleurosthotonos; tonic spasm. (Mr. Curling.)

Ex .- Tetanus, 21 days.

Compound fracture of ulna, 6 days; tetanus, 24 hours.

b. TRAUMATIC TETANUS.

(See 23 d, 145.)

c. CRAMP.

Tonic spasm of particular muscles; spasmus.

The tetanus of infancy (trismus nascentium) may be distinguished. Fatal cases of tetanus are generally induced by wounds (traumatic tetanus); the nature and locality of which should be added. "Cramp," when fatal, may probably be regarded as a form of tetanus.

Ex.—Spasm of the stomach, — hours (?) (a female, age 34.)

54. Convulsions.

Convulsio; eclampsia; clonic spasms.

The irregular muscular contractions, which cannot be referred to the preceding heads, are called "Convulsions." When the convulsions occur in the course of other diseases, such, for instance, as "Diarrhœa," or are excited by teething (74), the cause of death should be registered "Diarrhœa, convulsions," or "Teething, convulsions," adding the respective durations of the symptoms. "All spasmodic and convulsive actions have their source in one of three parts of the excito-motory system. The first series have their origin in the spinal marrow itself, the axis or centre of the system. I shall designate these cases by the epithet centric. The second series have their source in the excitor nerves, consequently at a distance from that centre. I shall denominate them the excentric. A third series, like the spasmodic tic of the seventh pair, in the course of the motor nerve." "Convulsions belong to the late periods, and the close of all the diseases of the nervous system, as on the other hand, repeated convulsions eventually affect the encephalon," p. 38, p. 71. (Dr. Marshall Hall, on the Nervous System.) It may be added, that convulsions are one of the most common symptoms of zymotic disease and poisoning. When the convulsions are excentric, the nature of the excitement should be stated. (Evanson and Maunsell.)

Ex.—Convulsions, 9 days.

Convulsions, probably from imperfect digestion of a meal taken 12 hours previously.

Convulsions from premature birth in the 8th month.

Convulsions from teething, 20 days.

Teething, continued convulsion fit, 9 hours.

It is sufficient to mention cephalalgia, vertigo, catalepsy, ecstasy, lethargy, spinal irritation, in a fatal nosology.

Ex. - Spinal irritation, 5 years; tetanus, 5 days.

55. a. NEURALGIA.

b. TIC DOULOUREUX.

Neuritis ?

Other Names.

56. OPHTHALMITIS or OPHTHAL- Inflammation of the eye.

Purulent and scrofulous ophthalmia, and the other affections of the eye, may be distinguished when they are in any way connected with the cause of death. With a slight modification, this remark will apply to diseases of the ear. See note 71.

57. OTITIS.

Inflammation of the ear.

Ex.—Otitis, 14 days; erysipelas, 10 days.

(See the previous note).

The nervous system is so important in man, that its morbid phenomena have been examined from different points of view, and very properly referred to many distinct diseases, which sometimes co-exist, or are reciprocally causes and effects. All the distinct diseases which led to the death should be registered, and, as much as is practicable, in the order of causation; which appears often reversed in different cases. No special rule can be laid down applicable to all cases; but the following are examples: "Encephalitis, softening of the brain, paralysis;" "Apoplexy, paralysis;" "Ossified arteries, hæmorrhage, apoplexy;" "Meningitis, mania;" "Mania, encephalitis, dementia, thickening of cranium;" "Dementia, paralysis;" "Cancer of cerebellum, epilepsy;" "Softening of the spinal marrow, paraplegia."

#### ORGANS OF CIRCULATION.

(Corvisart, Laennec, Dr. Hope, Dr. Clendinning.)

58. a. CARDITIS.

Inflammation of the muscular parts of the heart.

May be applied as a general term, equivalent to "Inflammation of the heart."

Ex.—Carditis, 12 months; dropsy, 8 weeks.

b. Pericarditis.

Inflammation of the external membrane, and of the sac in which the heart is contained.

Whether with or without effusion of lymph, pus, or serum, may be stated. See Rheumatic fever (20). (Pictairn, Dundas, Wells, Taylor).

Ex.—Pericarditis, 7 days.

Pericarditis, with adhesion of pericardium; hydrothorax and ascites, 2½ years (p. m.)

Pericarditis (adhesion of pericardium), hypertrophy (1st attack of pericardium), 2 years.

c. Endocarditis.

Inflammation of the internal membrane of the heart. (Bouilland).

Frequently co-exists with pericarditis (endopericarditis) and is generally rheumatic.

Ex.—Endocarditis (rheumatic), 14 years; bronchitis, anasarca (2nd attack), 1 month.

Endopericarditis, 9 months.

59. Disease OF THE Cardiac VALVES.

Substitute "Mitral," "Tricuspid," or "Semilunar," for "Cardiac;" and "Ossification," "Contraction," "Vegetation," &c., for "Disease," as the case may require.

Ex.—Disease of valves of heart, 5 years; hamoptysis, 3 days. See Example 60 a.

Other Names.

Contraction of aortic opening; hypertrophy of left ventricle; dropsy above 20 years (age 68).

60. a. Hypertrophy of the Heart; hyper-Heart or Hypercardia. Enlargement of the heart; hypertrophia cordis.

Dilatation, softening, ossification, and "simple," "eccentric," or "concentric" (?) Hypertrophy, and the combination of these varieties, may be registered when accurately distinguished. Substitute "left ventricle," "right ventricle," "left auricle," "right auricle," for "heart," as may be required.

It has been elsewhere stated, that when rheumatism has existed in connexion with disease of the heart, it should always be registered:—"Rheumatic fever, endocarditis," "Rheumatic fever, pericarditis, hypertrophy of heart, dropsy," "Endocarditis, contraction of mitral valves, hypertrophy of left ventricle, dropsy," are examples of the mode of registering complications of heart disease in the order of sequence. *Dropsy* is so important a symptom that it should be invariably registered after the lesion by which it is believed to be caused.

Ex.—Heart disease after rheumatic fever, 4 years ago.

Disease of cardiac valves, with dilatation, about 4 years; asthma, dropsy, 6 months.

Disease of mitral valve, 5 months; pneumonia, 7 days (p. m.)

Dyspnæa from valvular disease of heart, 4 months.

Hypercardia; apoplexy, 2 days.

Great enlargement of heart; anasarca, 3 years.

Hypercardia; nephria, 3 years.

Hypertrophy of left ventricle; hydropericardium, 8 months or longer.

Heart disease, 4-5 years; congestion of lungs and anasarca, about

3 months.

Heart disease, 18 months; anasarca, 3 weeks; hæmoptysis, 6 days. Heart disease probably, only seen once.

b. Atrophy of the Heart. Wasting of the heart; atrophia cordis.

See the note under "Hypertrophy," 60 a.

61. Aneurism of the Heart. Aneurisma.

Substitute "left ventricle," &c.; "aorta," "popliteal artery," or any other artery, for "heart," and prefix "true," "false," as occasion may require.

Death is often caused in aneurism by the bursting of the heart or of the vessel, a fact which may be registered after the aneurism. Ulceration is the most frequent cause of rupture of the heart; which is, however, sometimes caused by degeneration of the muscular tissue. (Hodgson).

Ex.—Aneurism of aorta (symptoms, 2 years).

Aneurism of thoracic aorta, — years; bursting into left pleura, —

hours (p. m.)
Aneurism of the arch of aorta, — years (p. m.)

62. Angina Pectoris. Suffocative breast pang; neuralgia of the heart. (Heberden, Forbes.)

State whether there is disease of the heart.

63. FAINTING. Syncope.

Fainting, polypus, cramp, palpitation, &c., of the heart, are rarely independent and fatal diseases; but they may be registered as well as the organic changes, when they are secondary diseases, and the immediate cause of death.

Other Names.

64. a. ARTERITIS.

Inflammation of arteries.

Is believed to be a cause of dry gangrene. (Dupuytren).

b. Ossification of Arteries.

Sometimes induces dry gangrene, softening of brain, hæmorrhage, affections of the heart, which are the direct causes of death.

65. PHLEBITIS.

Is of rare occurrence, except as the effect of venesection and wounds, the nature of which should always be stated. (Arnott.)

Phlebitis, 16 days; syncope, 6 or 8 minutes.

66. VARICOSE VEINS. Varix: hypertrophy of veins.

Only fatal when it gives rise to rupture of the veins and hæmorrhage.

#### RESPIRATORY ORGANS.

(Lænnec, Louis, Andral, Stokes, Williams).

67. LARYNGITIS.

Inflammation of the larynx; cedema of the glottis.

"Chronic laryngitis, or ulceration of the larynx," is very rarely a primary disease. It occurs in phthisis, syphilis, and cancer, and should be registered accordingly. It is sometimes called "Phthisis laryngea."

Ex.—Laryngitis, 48 hours. Phthisis laryngea, 18 months.

68. LARYNGISMUS STRIDULUS. Spasms of the glottis; crowing disease.

Where the cause of the affection is known, it should be stated. (Dr. Hugh Ley).

69. a. Bronchitis.

Inflammation of the air tubes; catarrh; tracheitis; peripneumonia notha.

"Sthenic," "Asthenic," "Chronic" bronchitis may be distinguished in the registers. Bronchitis is frequently a complication of emphysema, heart disease, or phthisis, and should in such cases be registered "Emphysema; bronchitis," &c.

Ex.—Bronchitis, 2 years; acute bronchitis and dysentery (epidemic), 15 days (p. m.)

Bronchitis of both sides, 14 days. Bronchitis, emphysema, 10 years.

Bronchitis, 5 years; morbus cordis, 1 year.

Chronic bronchitis, 30 years; nephria, 2 years; anasarca (disease of mitral valve).

Bronchitis, 2 months; pulmonary apoplexy.

b. Bronchorrhea.

Bronchial flux; humoral asthma; pituitous catarrh.

70. a. Pleurisy, or Pleuritis. Inflammation of the lining membrane of the lungs and chest.

It is rarely fatal except when it terminates in effusion, and it should then be registered "Empyema." "Rheumatic pleurisy" should be distinguished, Diaphragmatic pleurisy is an important variety of pleurisy. See note 71.

Other Names.

Ex.—Pleuritis, pericarditis, 3 days. Pleuritis, 9 days.

b. EMPYEMA.

Fluid, the product of inflammation. within the pleura. (Dr. Walshe).

c. PNEUMOTHORAX.

Air within the pleura; generally from perforation of the membrane in phthisis.

Ex.—Pneumonia, 7 days; pneumothorax, 2 hours (age 7 weeks).

71. a. Congestion of the Lungs. Pulmonary apoplexy.

b. PNEUMONITIS, or PNEU- Inflammation of the tissue of the air cells; peripneumonia. MONIA.

It should be stated whether of the right or left lung, or both. "Red hepatization," "Yellow hepatization," "Splenization," may be added, as the case may require. "Vesicular pneumonia," "Interlobular pneumonia," and "Typhoid pneumonia," may also be distinguished. When pneumonia, bronchitis, and pleurisy, succeed each other, or other diseases, they should be registered in the presumed order of succession, thus, "Hooping-cough, bronchitis, pneumonia; "Influenza, pneumonia, pleurisy." (M. Grisolle).

Pneumonia is the common name for inflammation of the lungs; it would be convenient to call the purely inflammatory affection "pneumonitis," and to reserve "pneumonia" for the much more frequent inflammation supervening on small-pox, hooping-cough, measles, typhus, and other diseases of the epidemic class. The same distinction may be advantageously extended to

all other inflammations.

Ex.—Pneumonitis (right lung), 3 weeks.

Pneumonitis, 7 days; convulsions, 2 days (teething).

Pneumonitis, 8 months.

Pneumonitis, 3 weeks; croup, 2 days.

Pneumonitis, 4 days.

Pneumonia, in connexion with cyanosis.

Pneumonitis, 8 days; hæmoptysis, 2 hours.

Pneumonitis, hepatization (several months).

c. PLEURIPNEUMONITIS, or Inflammation of the lungs and PLEURIPNEUMONIA. pleura.

Ex.—Pleuripneumonitis, 48 hours.

Pleuripneumonitis, 21 days; effusion in pleura, 5 or 6 days.

72. a. ASTHMA. Paroxysms of difficult breathing.

#### b. Emphysema.

In popular language, "Asthma" is employed in the same sense as "difficulty of breathing" (dyspnœa), arising from a great variety of causes, of which it is justly considered a symptom. Emphysema, true asthma, is generally complicated, when fatal, with disease of the heart and bronchitis, which should be registered. (Louis).

Hypertrophy, dilatation, contraction of the air tubes, are observed chiefly in phthisis. The lung is of course liable to be the seat of hæmorrhage, dropsy, ædema, cancer, and tubercle; the latter being the cause of phthisis, its most

destructive disease.

Ex.—Emphysema of lungs; bronchitis, 3 days. Asthma, 12 years; anasarca, 6 months; gangrene in legs, 6 months. c 2

Other Names.

73. PHTHISIS.

Consumption.

Phthisis is still retained in this place; but it belongs to the same genus as scrofula. The term should be restricted to designate the tubercular disease. See 33 g.

Ex.—Phthisis, 2 years; peritonitis, 24 hours (perforation.)

Phthisis, 4 years; hemiplegia (right side), 3 months; erysipelas of chest, 3 days (p. m.)

Phthisis, 5-6 weeks; empyema, 3 weeks.

Phthisis, 10 months; hæmoptysis, 9 days.

Phthisis, 6 months; aphthæ, 12 days.

Phthisis, 3 years; dropsy, 3 months; ulcer of larynx.

Phthisis, 6 months; (softened tubercles in left lung, p. m.)

Phthisis (cavities in upper lobes of both lungs.)

Phthisis, 20 years; pneumothorax, 3 days; ædema of left side.

HAMOPTYSIS. See 28 b.

#### DIGESTIVE ORGANS.

(Abercrombie, Johnson, Hodgkin, Kiernan, Symonds.)

(Intestinal Canal.)

#### 74. TEETHING.

#### Dentitio.

The process of teething is rarely a cause of death, except when it occasions affections of the mucous membranes and of the nervous system. The teething and the secondary diseases should be registered.

Ex.—Teething, 20 days; convulsions, effusion in brain, 3 days.

Teething, 3 months; bronchitis, 20 days; cerebral disease; convulsions, 10 days.

75. a. GLOSSITIS.

Inflammation of the tongue.

Ex.-Glossitis, 10 days.

b. STOMATITIS.

Inflammation of the mouth.

c. PAROTITIS.

Inflammation of the parotid glands. See mumps, scrofula, and typhus, (6) (17) (33).

76. QUINSY.

Tonsilitis; cynanche tonsillaris. Inflammation of the tonsils.

77. PHARYNGITIS.

Inflammation of the pharynx.

78. ŒSOPHAGITIS.

Inflammation of the esophagus.

79. GASTRITIS.

Inflammation of the internal coats of the stomach.

The anatomical appearances, such as arborescent, punctiform, &c., injections, the colour of the mucous membranes, softening, induration, or hypertrophy may be shortly stated, in this rare disease.

Ex.—Gastritis, 15 days; hydrocephalus, 10 days.
Gastritis, 30 years; phthisis, 2 years; peritonitis (perforation), 36 hours.

Names to be used. 80. ENTERITIS. Other Names,

Inflammation of the internal coats and of the glands of the small or large intestines; generally extending to the submucous and muscular coats. Ileo-colitis.

Duodenitis is inflammation of the duodenum. Colitis is inflammation of the large intestine. Gastro-enteritis may be applied to a complication of gastritis and enteritis. Chronic, acute, and sub-acute inflammations of the intestinal canal have been distinguished. "Infantile remittent fever" is, according to some pathologists, a sub-inflammation of the intestinal tube.

Ex.—Enteritis, 6 days.

Enteritis, nearly 2 months.

Enteritis, 4 months; tabes mesenterica, 3 months; bronchitis, 4 days.

Gastro-enteritis, - peritonitis, 3 weeks.

#### 81. a. PERITONITIS.

#### Inflammation of the peritoneum.

Is "partial" or "general." Follows intestinal "hernia," "injuries," "perforation;" which are the primary causes of death. "Erythematic" peritonitis has been distinguished. Puerperal peritonitis should be so designated. See 18 and 104.

Ex.—Peritonitis, 5 days; (had reducible inguinal hernia on right side for 4 years.)

#### b. TUBERCULAR PERITONITIS.

Chronic peritonitis will almost always be found to be tubercular; and should then be so designated. (33.)

Ex.—Peritonitis, 6 months (tubercular.)

TABES MESENTERICA. See 33 f.

82. a. ILEUS.

Inflammation and gangrene of the muscular coat of the intestine. Iliac passion.

Constipation sometimes gives rise to, and is sometimes caused by, ileus. Colic is rarely fatal unless it terminate in ileus. Alvine concretions and torpor of the intestine are causes of constipation. These particulars may be noticed. "Twist of the bowel," as it is called, causes "Ileus."

Ex.—Ileus, 4 days.

b. Intussusception.

Invagination of the bowel; a part of the bowel introduced into the part below.

Ex. - Intussusception, 4 days.

c. LEAD COLIC.

Colic of Poictou; painter's colic; lead colic; colica pictonum; colica pictorum.

This is one of the results of poisoning by lead. It belongs to the head "Poisoning." (137.)

#### 83. HERNIA.

#### Rupture.

"Congenital," "inguinal," "crural," or "umbilical," should be prefixed.

Strangulation of the bowel produces peritonitis; which might, if thought

Other Names.

necessary, be registered. Where an operation has been performed, state that circumstance, as thus: old umbilical hernia, 10 years; operation, 36 hours. Inquinal hernia, 5 years; strangulated, 20 hours; operation, 2 hours. (Lawrence.)

#### 84. STRICTURE OF -

Add the part of the intestinal canal affected.

Is generally either a consequence of previous ulceration or of cancerous disease; and causes death by inanition, or by constipation and ileus. "Spasmodic stricture" may perhaps produce the same results.

Ex.—Contractura recti, 15 months.

Cancer, 3 months; colitis, 1 month; stricture of intestine (the colon?), 20 months; inflammation, 7 days.

Stricture of bowel, caused by a plum-stone. (The intervals of time should have been stated.)

#### 85. a. Ulceration of -

#### b. Perforation of -

Add the part of the intestinal canal affected.

Ulceration is generally the effect of enteritis, dysentery, typhus, tubercle, or calculus in the appendix caec. verm.; and may cause fatal peritonitis by perforating the intestines. The perforation of the stomach, or bowel, is at times spontaneous; it may be the effect of acrid poisons, or be produced after death by the gastric juice. (Carswell, Hodgkin.) (32) (35.)

Ex.—Peritonitis, 36 hours, from perforation of stomach (p. m.)

Rupture of cacum close to appendix; caused by two calculi of phosphate of lime and faces; ill 3 days.

Calculus in appendix caci verm, causing perforation, 6 days.

#### 86. a. Dyspepsia.

Indigestion.

The embarras gastrique of the French, and "bilious attack," have been designated "Acute dyspepsia." A deficient, excessive, perverted appetite (anorexia, bulimia, pica) and heartburn, as well as nausea, vomiting, flatulence, tympanites, are either symptoms of other diseases, or are referred to this head. (Dr. Todd; Dr. R. D. Thomson.)

Ex.—Dyspepsia, 1 year; gastro-enteritis, 1 month.

Dyspepsia, 2 years; atrophy, 1 year.

b. Pyrosis.

Water-brash. Gastrorrhœa.

c. GASTRALGIA.

Gastrodynia, cardialgia, enterodynia, enteralgia, morbid sensibility of the stomach, gastric dyspepsia.

Diarrhœa, dysentery, cholera, worms, salivation, ascites, hæmorrhoids, hæmatemesis, melæna, tabes mesenterica, will be found in other classes.

#### 87. PANCREAS DISEASE.

The diseases of the pancreas are inflammation and such as affect the body generally. When detected, their nature should be stated. For the disease most common—scirrhus, see 35.

87.\* SPLEEN DISEASE. (Liver.)

Splenitis; congestion, or enlargement of spleen.

88. HEPATITIS.

Inflammation of the liver.

"Acute" or "Chronic" may be prefixed; and "terminating in abscess" be added in well-marked cases.

Other Names.

Ex.—Chronic hepatitis, 1 year; diarrhæa and vomiting, 3 weeks. Hepatitis, 4 months; atrophy, 2 months. Hepatitis, 10 days.

89. a. JAUNDICE.

Icterus.

Jaundice may arise when the bile is retained undecomposed in the blood (Liebig); from obstruction of the ducts; from gall stones, or congestion, inflammation, and adventitious deposits in the liver. The cause of jaundice should be recorded. When jaundice terminates in apoplexy, it should be so registered. The jaundice of the new-born should be carefully distinguished.

Ex.—Jaundice, 11 days.
Jaundice, 2 days (p. m.), (age 2 days.)

b. GALL STONES.

Chololithus; biliary calculi.

90. CIRRHOSIS.

Tuberculated liver; nutmeg liver; hob-nailed liver.

91. FATTY LIVER.

Adipose degeneration of the liver.

The functional disorders of the liver—diminution, excess, depravation of the biliary secretion—are either symptoms of diseases, or are rarely fatal. (Dr. Budd.)

Ex.-Liver disease; ascites, 9 months.

Liver disease; erysipelas, several attacks; peritonitis, 10 days, (p. m.)

Cirrhosis, -; anasarca, - months.

#### URINARY ORGANS.

Note.—The technical or Latin names should be almost invariably employed in returning diseases of this and the following class.

(Prout, Bright, Brodie, Christison.)

92. NEPHRITIS.

Inflammation of the kidneys.

Pyelitis has been applied to inflammation of the lining membrane of the pelvis and cavities of the kidney. (M. Rayer, Mr. G. Robinson.)

Ex.—Nephritis of right kidney; gastritis, 11 days (p. m.)

93. ISCHURIA.

Suppression of the secretion of urine.

This with the following affection is generally a symptom of diseases. It sometimes precedes coma and convulsions.

94. Diuresis.

Excessive secretion of urine, not containing sugar.

95. NEPHRIA OF GRANULAR Bright's disease. Renal dropsy.

DISEASE OF THE KIDNEYS. Albuminuria.

Nephria has been derived from νεφρὸς.

The presence of nephria is inferred with considerable certainty if the urine be impregnated with albumen, diminished in quantity, and of low specific gravity. When the return of the blood by the renal vein is obstructed, or congestion is produced, albumen is effused with the urine. (Robinson.) Dropsy, inflammation, and coma occur, and should be registered in the order of their occurrence. The same rule should be applied whether nephria follow or precede other diseases—such as disease of the heart and liver

The albumen in the urine has been distinguished by Dr. Prout as serous

and chylous: if the latter be ever observed, it should be described.

Ex.—Nephria, 6 months; bronchitis, 2 months (p. m.) Diseased kidneys, 2 years; ovarian dropsy (p. m.) Names to be used. 96. DIABETES. Other Names.

A disease with sugar in the urine. Diabetes mellitus.

Co-existing diseases—such as phthisis and jaundice—should be registered.

Ex.—Diabetes, 2 years; phthisis, 3 months.

Diabetes, 18 months; phthisis, 6 months (extensive cavities in left lung), (p.m.)

Diabetes, - years ; effusion in pericardium, 18 hours.

97. a. CALCULUS-(Uric Acid). Stone. Lithia.

When it can be ascertained, the composition of the stone should be stated —beginning with the nucleus. For uric acid, therefore, substitute oxalate of lime, cystic oxide, phosphate of lime, the triple phosphate of magnesia and ammonia—as the case may require. It should be mentioned whether the stone was in the kidney or the bladder; and when operations were performed for its removal, what they were, and by what affections they were followed.

Ex.—Calculus vesicæ, — years (peritonitis, 52 hours after lithotomy.)

b. Gravel—(Uric Acid).
(See the note under Stone.)

98. a. Cystitis.

b. CYSTIRRHŒA.

99. Disease of the Prostate Gland.

Inflammation of the bladder.

Catarrh of the bladder. Chronic inflammation of the bladder.

Enuresis (incontinence of urine), and dysuria (difficulty of making urine), are frequent symptoms of disease of the prostate gland.

The most common diseases are inflammation, enlargement, and concretions—which may be substituted for disease in the registers. (Sir E. Holme, Mr. Coulson.)

Ex.—Disease of prostate, 8 or 9 years; abscess in perinœum.

100. a. Contractura urethræ. Ischuria urethralis. Stricture of the urethra.

Ex.—Contractura urethræ [
eased; red hepatization of lungs.

] bladder and kidneys dis-

b. Infiltratio urinæ.

Extravasation, or infiltration of urine in the cellular tissue.

For obvious reasons, several of the diseases of the urinary organs co-exist or succeed each other; thus, stricture of the urethra may give rise to diseases of the bladder and kidneys. Stone is the accidental consequence of an altered state of the urine; and when it is formed, may occasion inflammation of the bladder or suppuration of the kidneys. Diabetes, in the phraseology of Dr. Prout, is the result of derangements in the primary or secondary assimilative functions; and the oxalic acid diathesis is, according to him, connected with epidemics and cutaneous eruptions—as uric acid is with gout, and lactic acid with rheumatism.

#### ORGANS OF GENERATION.

(Gooch, Blundell, Ferguson, Lee, Ramsbotham, Locock.)

101. Orchitis. Inflammation of the testicle. Generally from gonorrhea. (21.)

Other Names.

102. HYSTERITIS.

Inflammation of the uterus.

Excessively rare, except after childbirth. (104.)

103. PARAMENIA.

Mismenstruation, amenorrhœa suppressionis; leucorrhœa. Chlorosis (green-sickness), (29.)

From various motives it is probable that these affections will not always be distinguished in the registers; and it must be borne in mind that they are frequent symptoms of cancer or tuberculous disease of the uterus; which should be named (when detected) as the primary disease.

Oyarian Dropsy. See 30 h.

#### 104. a. CHILDBIRTH.

#### Partus. Parodynia.

Ex.—Childbirth, 10 days ["from commencement of labour to death," is always understood]; metria, 7 days; peritonitis, pleuritis. Childbirth, 2 days; flooding, 4 hours.

Childbirth, - hours; rupture of uterus, - hours.

Uterine phlebitis, 6 days.

Extra-uterine feetation, 3 months; flooding in peritonæum, 24 hours (p. m.)

Childbirth, - hours.

Puerperal convulsions, - hours.

Childbirth, 12 days; uterine phlebitis, 7 days. Childbirth, 10 days; puerperal fever, 7 days.

Scarlatina, 3 days after parturition.

Parturition, from putrescency [of fœtus], exhaustion.

Childbirth; placenta presentation; flooding; death, 4 hours after delivery by turning.

Note.—In cases of this kind "duration of illness" will imply the period from the commencement of labour to death. Confusion will be caused if this rule be not attended to, as some will date the term from the commencement, others from the close of labour.

#### b. ABORTION.

#### Abortus.

"Miscarriage" is generally employed if the fœtus be expelled within six weeks after conception; "Abortion," if between six weeks and six months; "Premature labour," if the delivery occur between the sixth and ninth months, when the child may live. The month (lunar) of pregnancy should be stated.

Childbirth, like teething, is a physiological process, and only proves fatal by giving rise to the following accidental maladies; which should be registered after "Childbirth," or "Abortion;" namely, "Exhaustion from difficult labour, from deformed pelvis," &c., &c.; "Rupture of the uterus;" "Extrauterine fœtation;" "Flooding;" "Convulsions;" "Mania;" "Syncope;" "Abscess of the mamma;" "Crural phlebitis" (Phlegmasia dolens); "Uterine phlebitis;" "Hysteritis;" "Peritonitis." (The three last diseases are met with in puerperal fever (18) [Metria], and are supposed by some pathologists to be its anatomical cause.) Other diseases occur in or after delivery, and, as well as several of those above named, during pregnancy. Whenever females are known to be pregnant at the time of death, the word "Pregnant" should be inserted in the register.

The unimpregnated uterus is frequently the seat of carcinomatous diseases—tumours, polypus, ulceration, hæmorrhage—the designation of which can be attended with little difficulty, if the remarks under those heads be consulted.

Other Names.

#### ORGANS OF LOCOMOTION.

(Sir Benjamin Brodie.)

105. ARTHRITIS (knee).

Synovitis; inflammation of the joints (not gout).

The particular joint or bone should be added as above in a parenthesis after this and the following heads. The termination of the arthritis in suppuration, &c., should be recorded. Inflammation of the bursæ is very seldom fatal.

Ex.—Loose cartilage in knee-joint; operation, — days; erysipelas of leg and abscess, — days.

106. CHRONIC RHEUMATISM.

See 20. Cold rheumatism. Lumbago. (Bright, Elliotson.)

107. OSTITIS.

Inflammation of the bone. Periostitis, endostitis. (Walshe.)

108. Exostosis.

Tumour of the bone.

Generally arises from syphilitic irritation; and is rarely fatal itself, except by pressure on important parts.

109. Brittleness of the Bones. Fragilitas ossium.

Is observed in cancer and some other diseases. It should be registered in such cases as a secondary disease.

110. a. Softening of the Bone. Mollities ossium.

Is often met with in rickets. (33 h.)

b. CURVATURE OF THE SPINE.

111. CARIES.

Ulceration of the bone; generally in scrofula or syphilis. (21, 32, 33.) -

Ex.—Caries of 2nd cervical vertebra; paralysis. Caries of vertebra, 4 years.

112. Necrosis.

Death of bone. (39.)

The joints, bones, and ligaments are disorganized by inflammation, scrofula, and cancer, affections to which the terms "white swelling" and "disease" are too indiscriminately applied. Psoas abscess is a primary lesion of the spine: it is almost invariably of a scrofulous nature. (33.)

Ex.—Necrosis of tibia, 3 years; ascites, 5 months. Fractures, &c., see 144.

#### INTEGUMENTARY SYSTEM.

(Willan, Bateman, Biett, Cazenave and Schedel, E. Wilson.)

Several species and varieties of all the subjoined cutaneous diseases are distinguished, but it is unnecessary to enter here into further detail, as they are rarely fatal.

113. ROSEOLA.

Rash; rose rash.

114. URTICARIA.

Nettle rash.

115. Eczema. Humid tetter; running scald; crusta lactea.

Ex.—Eczema of scalp, 10 months; meningitis, 8 days.

Other Names.

116. HERPES.

Tetter; shingles.

Ex.—Herpes, 10 days; convulsions, 1 hour.

117. Pemphigus. Pompholyx; febris bullosa.

Ex.—Pemphigus, 10 days; purpura hæmorrhagica, 3 days.

118. RUPIA.

Ulcus atonicum.

119. ECTHYMA.

Phlyzacia agra; scabies fera,

120. IMPETIGO.

Crusted tetter, cowrap.

Ex.—Impetigo, 4 months, a child aged 8 months.

121. ACNE.

Varus; copper nose.

122. MENTAGRA.

Sychosis; chinwelk.

123. LICHEN.

Papulæ; red gum; prickly heat.

124. PRURIGO.

Pruritus.

125. PSORIASIS.

Lepra vulgaris; dry scale; scaly tetter; scaly leprosy.

126. Pytiriasis.

Dandriff.

127. ICHTHYOSIS.

Fish-skin disease; an excessive production of epidermis.

128. GREEK ELEPHANTIASIS.

Lepra tuberculosa.

The leprosy described by Moses. The disease is generally acquired in hot climates, and often becomes hereditary. The locality in which the disease began may be mentioned. The "Barbadoes leg" has been called elephantiasis arabica.

129. Lupus.

Herpes exedens; noli me tangere. Cancer lupus.

130. Molluscum.

One variety is contagious.

131 YAWS.

Frambæsia; sibbens.

Pellagra, radesyge, Aleppo evil, are endemic diseases in other countries; but it is not improbable that careful observation may detect sporadic cases in this country. Several kinds of copper-coloured eruptions belong to secondary syphilis. Rubeola, scarlatina, erythema, erysipelas, variola, varicella, miliaria, porrigo, scabies, characterized by eruptions on the skin, will be found in the zymotic class.

132. a. CARBUNCLE.

Carbunculus; anthrax.

, 4 weeks. [The part has been im-Ex.—Carbuncle on properly omitted.

b. Bon. to can

Furunculus.

133. PHLEGMON.

Inflammation of the cellular tissue and skin.

134. WHITLOW.

Paronychia; felon.

### EXTERNAL CAUSES: POISONING, ASPHYXIA, INJURIES.

Great numbers of the cases of disease in the previous classes are caused by external agents; by intemperance, cold, want, and effluvial poisons. But where the external causes are not striking and obvious, they are very properly not registered; for so much of their general influence as can be surmised is always understood to be in operation, and to be susceptible of demonstration, by reasoning on the wider basis of the aggregate facts. In the registration of deaths under this class, the following points should be attended to :-

(1.) Before deaths are ascribed to intemperance, starvation, poison,

or injury, its agency should be distinctly ascertained.

(2.) Where a person who has suffered from previous intemperance, starvation, or poison, dies of a specific disease, the cause of death should be registered "Intemperance, delirium tremens;" "Star-

vation, typhus," &c., &c.

(3.) In the deaths by mechanical violence, the nature of the injury may be stated. The circumstances in which the death happened, and the machine, railway, mine, factory, work, or animal, by which it was caused, should be stated.

(4.) With reference to the circumstances which attended the death, it should be inquired whether it was an accident, a suicide, manslaughter, murder, justifiable homicide, or judicial execution; and the result of the injury should be registered.

(5.) The duration of illness, dating from the receipt of the injury.

or the operation of the cause, should always be stated.

For full instructions respecting the registration of violent deaths, see the Letter to Coroners, and the subsequent observations, part 2.

(Orfila, Devergie, Beck, Christison, Taylor.)

Names to be used.

Other Names.

135. INTEMPERANCE.

Drunkenness; ebriositas; ebrietas. Habitual and excessive indulgence in spirits, wine, or fermented liquors is to be generally understood by intemperance: where opium or any other drug is taken, and when children or other persons are suddenly destroyed by a large

draught of spirits, the particulars should be mentioned. Intoxication leads to accidents of various kinds, which should be registered,

"Intoxication; fall from a horse." "Intoxication; exposure to cold," &c., &c. Many drunkards are exposed alternately to, and die from, the effects of starvation and intemperance; their deaths should be registered, "Intemperance; Starvation," from want of shelter, clothing, or food. State any important facts of the case.

Ex.—Intoxication; effusion on brain, — hours. Exhaustion caused by the over-use of stimulants, — years.

136. STARVATION.

Want of food; destitution; cold; fames; frigus.

This is generally intended to imply the privation of the necessary quantities of food, clothing, and firing. If any person be unhappily starved in the last stages of consumption (or other chronic diseases) the death should be registered, "Consumption and Starvation;" and the arrangement should be reversed where the starvation is believed to be the cause of the fatal disease. Death by starvation may, it is evident, in different circumstances be an accident, a suicide, manslaughter, or murder; and should be distinguished accordingly. Where a person dies from exposure to cold in a snow-storm, or in a frosty night, and when infants are murdered by exposure to cold, or die from the want of their natural nutriment, milk, the specific circumstances should

Names to be used.

Other Names.

be stated as nearly as they can be ascertained. (Dalton, Liebig, Dr. Budd, Dr. R. D. Thomson.)

#### 137. Poisoning by — Venenum; venenatio.

The particular poison should if possible be ascertained and registered. The more common and fatal poisons are—opium (solid or in the form of laudanum), arsenic, oxalic acid, bichloride of mercury (corrosive sublimate), hydrocyanic acid (prussic acid), strychnia (nux vomica), sulphuric acid, verdigris, compounds of lead, night-shade, cantharides; the gases,—carbonic acid, carburetted hydrogen, sulphuretted hydrogen; quack medicines or official drugs, given at improper times and in over-doses.

The motive which led to the administration of poison is a remote cause of

death; but it cannot always be ascertained.

To decide in some cases whether death has been caused by poison requires a thorough knowledge of medicine and analytic chemistry; but the following remarks will put the Registrars on their guard against registering suspicious cases without a certificate from a medical man, or a coroner's information.

The chief characteristics usually ascribed to the symptoms of poisoning, considered generally, are, that they commence suddenly and prove rapidly fatal; that they increase steadily; that they are uniform in nature throughout their course; that they begin soon after a meal (i.e., soon after the poison has been given); and that they appear while the body is in a state of perfect health.—Christison. The moral evidence is also taken into account, such as the fact of other members of the family having been similarly affected at the same time; the person suspected hastening the funeral, and giving a false statement of the circumstances of the death; having a personal quarrel with the deceased; succeeding to his property, &c., &c.

#### (a.) Opium.

Produces deep sleep; and in large doses, death in 7—12 hours. From two to four drops of laudanum, or the one-eighth of a grain of opium, have proved fatal to infants. Daffy's elixir, and other "soothing" quack medicines which contain opium, sometimes destroy the children to whom they are administered.

Ex.—Laudanum, 2 drachms; which she had bought to procure sleep; (a pauper in a workhouse.)

(b.) Arsenic (Oxide of).

The symptoms—burning pain in the stomach; dryness in the throat. Vomiting and purging generally begin in half an hour or an hour, and are followed by convulsive tremors, terminating fatally in one to three days. The poison is sometimes fatal in six hours; at other times in as many weeks. The white oxide is almost tasteless, and is therefore more frequently used by murderers than any other poison.

# (c.) Corrosive Sublimate. Bichloride of Mercury.

The symptoms somewhat resemble those produced by arsenic, but they supervene immediately; a strong, acid, metallic taste, and constriction or burning in the throat are felt, followed by irritation in the alimentary canal, with the discharge of blood upwards and downwards. If these symptoms be accompanied or followed by true mercurial salivation, "it may be safely inferred that some soluble compound of mercury has been taken."—Christison. The other preparations of mercury produce salivation and shaking palsy, which are secondary effects of mercurial poisons, as colic and paralysis are of lead. See 82 c.

## (d.) Nux Vomica.

Strychnia, the active principle.

This poison produces death very rapidly by violent convulsive starting spasms (tetanus).

# (e.) Hydrocyanic Acid.

Prussic acid.

Kills instantly in large doses, or in a few minutes—after violent convulsions. If the patient survive 40 minutes he will generally recover.

Names to be used.

Other Names.

## (f.) Oxalic Acid.

"If a person, immediately after swallowing a solution of a crystalline salt, which tasted purely and strongly acid, is attacked with burning in the throat, then with burning in the stomach, vomiting, particularly of bloody matter, imperceptible pulse, and excessive languor, and dies in half an hour, or still more, in 20, 15, or 10 minutes, I do not know any fallacy that can interfere with the conclusion that oxalic acid was the cause of death."-Christison. Oxalic acid is often mistaken for Epsom salts, from which it is easily distinguished by the taste. The salts are not acid, but bitter.

(Sulphuric Acid (Oil of Vitriol), (g.) \ Nitric Acid (Aquafortis), ( Hydrochloric Acid,

Are liquid corrosive poisons. "If, immediately after swallowing a liquid which causes a sense of burning in the throat, gullet, and stomach, violent vomiting ensues, particularly if the vomited matter is mixed with blood; if the mouth becomes white or yellow, and stripped of its lining membrane, and the cheeks, neck, or neighbouring parts show vesications of white, and subsequently yellow or brown excoriated spots; if the clothes show red spots, and are disintegrated there, I cannot see any objection to the inference that nitric or sulphuric acid has been taken."-Christison.

(h.) Liquor potassæ.

Ex.—Liquor Potassæ (quantity not known), 24 hours (p. m.)

(i.) Carbonic Acid.

The circumstances in which this and other poisonous gases are inhaled should be stated. Carbonic acid is given off by lime-kilns, fermenting liquors (in brewers' vats for instance), and burning charcoal.

138. a. SCALD.

b. Burn.

Combustura. See Note 139.

win tooken ti tud tiimah

139. EXPLOSION.

It should be stated what part is affected; whether the injury occurred in any mine, &c.; and what circumstances led to the fatal explosion, burn, or scald.

#### 140. LIGHTNING.

State briefly in all cases where the patient was struck, whether under a tree, in a house, &c.; the nature of any visible injury on the body; and any circumstance which can explain the course the lightning took, or the death.

Suspension of Respiration.

141. a. HANGING.

b. STRANGLING.

Asphyxia by suspension at the neck. Suspensio.

Asphyxia by a ligature tied round the neck. Strangulatio.

LAYING.)

c. Suffocation (or Over- Asphyxia by closing the mouth and nostrils. Suffocatio.

d. CHOKING.

Asphyxia by a mechanical obstruction causing closure of the glottis. (Dr. Kay, Dr. Carpenter.)

142. IMMERSION IN NITROGEN (orinany irrespirable gas.)

Asphyxia by privation of oxygen.

143. Drowning.

Immersion in water; asphyxia by the privation of air; syncope in drowning. Submersio.

In all cases it should be stated, if practicable, whether the drowning or the other forms of asphyxia were accident, suicide, manslaughter, or murder.

Names to be used.

Other Names.

Mechanical Injuries.

144. a. Contusion of -

Contusio.

b. Concussion of -

Concussio; shock.

c. Fracture of -

FRACTURA.

Ex.—Fracture of femur, 4½ months; bed-sores, 45 days.

d. DISLOCATION OF - LUXATIO.

State of what parts; whether accidental or not; and how caused; whether by falls from heights, or into pits; by the fall of earth, stone, &c.; by machinery; by railway carriages or engines; stage coaches, or other coaches, horses, &c., &c.

Many children appear to die from injury in the birth. See 42.

Ex. - Difficult parturition, 3 hours. (The child.)

145. WOUND.

Vulnus. Cut, chop, bite, shot.

State of what part; by what instrument inflicted, &c.; and whether accidental, suicidal, &c. Loss of blood (28), or secondary inflammation, is gene-

rally the immediate cause of death.

Injuries are followed by tetanus, erysipelas, mortification, extravasation of urine, emphysema, &c., which should be registered after the injury; when surgical operations are a cause of death, the disease or injury for the relief of which they are performed, and the diseases by which they are followed, should be registered. (Sir Astley Cooper, Mr. Liston, Mr. Guthrie, Mr. Alcock, Chelius and South.)

Ex.—Injury of head by a fall [from drocephalus, 3 weeks.

,] 1 month; hy-

Section 38 of Vic. 16, cap. 11, provides that "in every case in which an inquest shall be held on any dead body after the said Thirty-first day of December, One thousand eight hundred and sixty-three, the Jury shall inquire of the particulars herein required to be registered concerning the Death, and the Coroner shall communicate the finding of the Jury in writing under his hand to the Registrar, and the Registrar shall make the entry accordingly; provided that the Coroner shall not be required to sign the register as informant; but the Registrar shall state in the entry of such Death that the information was received from the Coroner, and shall transmit all such informations to the Superintendent Registrar, who shall send the same to the Registrar-General, who shall preserve such informations with the records of his office."

It must occasionally happen in a registration of the deaths of the entire population, that the cause of death is unknown, or only imperfectly known, either from the peculiar circumstances in which it occurred, from there having been no medical man in attendance, or, if present, from his having had no means of obtaining adequate

information.

The following are examples of the terms which are used in such circumstances:—

When the manner of death and the nature of the means by which it was caused are entirely unknown.

Unknown.

When only a few facts connected with the cause of death are known, it is always of importance to register those facts, although they may be vague, as in the annexed examples.

When the death is known to have) arisen from disease of a particular part or organ, the nature of the disease being unknown.

a. Found dead. b. Sudden death.

c. Fell down dead in the street.

d. Found dead in bed.

e. Found exposed without marks of vio-

f. Found exposed with marks of violence. g. Found drowned with (or without)

marks of violence, &c., &c.

h. Death by violence.

i. Death by spontaneous disease.

Disease of the heart; disease of the lungs; or, still more vaguely, disease of the chest, &c., &c., &c.

An Alphabetical List of Diseases, and Causes of Death, nearly all of which have been met with in the English Registers—with References (by figures) to the Statistical Nosology.

The insertion of names in this list must not be considered as by any means sanctioning their use. For the names which it is recommended should be used, see the first column of the previous Nosology, to which the figures always refer. The queries in the second column will remind the informants and registrars of points which should be borne in mind in assigning the cause of death.

Abdominal effusion

Abdominal inflammation (vague)

Ablactation

Abortus

stomach and intestines

Abscess or abscessus

Abscess in air tubes Abscess of the breast

Abscess in the groin Abscess on the head Abscess in pelvis Abscess of the pleura-of the side Abscess of the throat Absorbents (inflammation of) Absorption of morbid virus

Abstraction of the brain (a bad term) Accident (vague) Adenitis Age Ague

Air tubes (disease of ) Albuminuria Amaurosis Amenorrhœa Amputation

Anæmia

Ascites, 30 f.

Query, whether peritonitis? or enteritis?

80, 81. 136; 38.

Abortion, 104 b.

Abrasion of the mucous membrane of (A bad term.) Poisoning? ulceration? 137,

No. 31. Abscess may occur in almost any part of the body. The following (in which abscess occurs) are bad entries, or have been sometimes incorrectly applied.

Abscess of lung opening into air tubes? If meant as abscess of the female breast, it is correct; but in some parts of the country "breast" is used for "chest," see

Syphilis? psoas abscess? 21; 31.

Abscess in the brain? From what cause? Empyema, 70 b. Quinsey, 76. Scrofula?

71 b; 104.

What virus? was it in dissection? necusia? 23 a.

45-57.

See Deaths by external causes, and 137-145. Inflammation of a gland, 336.

Old age, 41.

15

See 69. Phthisis, 33.

95. 56. 103.

Of what part, and for what disease was it performed?

29.

Anæsthesia	48 a.
Anasarca	Dropsy, 30.
Aneurism of—	61. Inquire of what vessel?
Aneurism by anastomosis	Nævus. Inquire whether an operation had
	been performed for its removal, or under what circumstances it proved fatal?
Analysis and the same and the s	4 c.
Angina maligna	62.
Angina pectoris Anorexia	See 86. A symptom; inquire of what dis-
Anorexia	ease?
Anthrax	Carbuncle, 132?
Antrum (disease of)	107; 111. What disease? caries? cancer?
Anus imperforatus	43.
Aorta (disease of)	Aneurism? 61.
Aphtha	Thrush, 9.
Apnœa	Privation of air; a better term than as-
Linchtonia 28 Straig Study	phyxia.
Apoplexia	Apoplexy, 47.
Apoplectic fit	Apoplexy, 47.
Apoplectic paralysis	Paraplexy? 48.
Apoplexy on the lungs	Pulmonary apoplexy, 71.
Apoplexy from inhaling impure air Apoplexy, brought on by want of	
common necessaries	136.
Apoplexy from opium	137.
Arachnitis	Inf. of arachnoid; meningitis, 45.
Arm (disease of)	Inquire what disease? scrofula? cancer?
CELL AND A sensit tal W Sensit s	33; 35.
Arrest of development (vague)	Of what part? 43.
Arthritis	105. Has been sometimes improperly used
Character of S. S. Selindroumd Van	for "gout."
Ascites	30 f. 12.
Asiatic cholera	From what cause? 141.
Asphyxia	
Asphyxia from caries of the cervica vertebræ	TIII.
Ashpyxia from engorgement of the	e 71?
lungs	tivita (absorption of) (a ball term)
Asthma	72.
Asthma and dropsy	72; 30.
Atony	A vague term.
Atrophia	Atrophy, 38
Atrophy	38.
Atrophy of the heart	60.
Atrophy from the want of breast mill	Phlegmon? 133.
Back (inflammation of)	Thrush, 9?
Bad mouth (vague) Barbadoes leg	128.
Bastard croup	Laryngismus stridulus, 68.
Bed sores (a good term)	Ulcer, 32. Mortification, 39. State the
China Allub	original disease.
Belly (inflammation of and on) (vagu	e) Enteritis, 80? peritonitis, 81?
Beriberi	Said to be a spasmodic affection; not known
Charles of the astronomy of the contract	in England.
Bile (deficiency of)	88—91.
Bile (on the stomach)	A bad term, 74—91.
Biliary calculi	89 b. 88—91.
Biliary obstruction (vague)	Diarrhœa? cholera? 10; 12.
Bilious affection, or complaint Bilious attack	Cholera? diarrhœa? 12; 10.
Bilious colic	10: 82. Cholera?
Bilious fever	17; 16. Typhus? remittent fever?
Bilious vomiting	Cholera? 12
Black bile (vague)	88-91. Melena?
Black cramp (a bad term)	Cholera? 12.
	D

Black fever Black jaundice Black thrush Black vomit Bladder (disease of) Bladder (inflammation of) Bladder (ulcer in) Blast (vague) Bleeding Bleeding from the bowels Bleeding at the navel Bleeding at the nose Bleeves (a bad term) Blister (irritation, inflammation, sloughing from) Blister pock (a bad term) Blood (discharge of) Blood (diseased state of) Blood (surfeit of) Bloody dropsy (vague) Bloody flux Bloody urine Blue disease Blue fever (bad) Body (disease of, inflammation of) Bone (death of) Bone (disease of) Bone (inflammation of)

Bowels (bleeding from the) Bowels (consumption of) Bowels (disease of)

Bowels (inflammation of) Bowel complaint Bowel hives (a bad term) Brain (absorption of) (a bad term) Brain (disease of)

Brain (inflammation of)

Brain (disease of) and erysipelas -gastritis

Brain fever Brain ramolissement or softening of) Breaking up of the constitution (bad) Breast (disease of)

Bright's disease Brittleness of the bones Broken heart

Bruised corn

Bronchi (abscess of) (bad) Bronchi (inflammation of) Bronchial effusion (bad) Bronchial fever Bronchial ulceration extending to the 69, 73. lungs Bronchitis Bronchitis and broken rib Bronchocele Bronchorrhœa

Typhus? 17 Jaundice, 89. Thrush, 9. Hæmatemesis 28c. What disease? 97, 98. Cystitis, 98. 32, and 97, 98.

Hæmorrhage, 28. From what part? Hæmorrhoids? melæna? 28 e, c. Epistaxis, 28 a.

See Class 4. 39.

Small-pox? pemphigus? From what part? 28. What is the nature of the disease? An unintelligible term.

Dropsy. Dysentery, 11. Hæmaturia, 28 f. Cyanosis, 43.

Typhus? cholera? 17; 12.

A bad term. Prolapsus ani? P. uteri? Furunculus, 132 b. Carbuncle?

Necrosis, 112.

What bone? What disease? 105-112. Periostitis. Syphilis? after injury? 105-

Melæna? hamorrhoids? 28 e, c. Tabes mesenterica? 33 f.

What disease? enteritis? cancer? 74-86; 35.

80.

Diarrhœa. 10. Tabes mesenterica?

45-57.

To be used when the nature of the disease is not known. 45-57.

Meningitis? encephalitis? 45.

(Entries of this kind are unexceptionable, but the nature of the brain disease should be stated, if known, 45-57.

Typhus? meningitis? 17 a; 45 a.

45-48.

From what cause?

What disease? cancer? 35. Breast is sometimes improperly employed for "chest," and hence gives rise to confusion.

Nephria, 95.

109.

Mental distress. Sometimes improperly used for rupture of the heart.

Phthisis? pneumonia? 71-73.

Bronchitis, 69.

Effusion of what lymph? blood? Influenza? bronchitis? 13; 17; 69.

69. How was the rib broken? 169; 144. 69 b. 144. Phlegmon.

Burn 138 %. Bursa (inflammation of) 105. Bursting of a blood-vessel See 28. Bursting of a fallopian tube Under what circumstances? 104. Bursting of a varicose vein Cachexia Scrofulous? cancerous? 33, 35. Cæcum (stricture of) 84. Calculus (biliary) 89 b. Calculus (urinary) Stone, 97. 35. Of what kind? of what part? Cancer (chimney-sweepers') Cancrum oris 39 d. Canker Of what part? noma? 39 d. Carbuncle Carbunculus Carbuncle, 132. Carcinoma Cancer, 35. Carcinus Cancer, 35. Carditis Caries Of what bone? 111. Catacausis Catalepsy 54. Catarrh or Catarrhus 69. Catarrh of the bladder 98 b. Catarrhal fever Influenza? 13. Catarrhus epidemicus Influenza, 13. Catarrhus vesicæ Catarrh of the bladder, 98 b Cauliflower polypus of the womb 37 c; 103. Cellular dropsy 30. Cephalalgia From what cause? Note after 54. Cephalitis 45 c. Chalk gout Gout. 34. Chance medley (vague) See class 4. Chancre 21. Cheek bone (disease of) 105-112. Chest (disease of) What disease—of heart? of lungs? 58-73. Chest (inflammation of) Pneumonia? 69-71. Chicken-pox 1 e. Childbirth 104. Chill; chill to the heart (a vague What disease was caused by the "chill?" term) Chimney-sweepers' cancer Cancer, 35. Chincough Hooping cough, 7. Chlorosis 29 b, 103. Cholera 12. Cholera biliosa 12. Cholera epidemica 12. Cholera infantum 12. Cholerine Chololithus Gallstones, 89 b. Chorea Chronic rheumatism 106. Cirrhosis 90. Climateric disease Of old age? Of females? 103. A vague term. Was it a disease? What? bronchitis? pneumonia? Was it the direct effect of exposure to frost or snow? Class 4. 82. Was it colic, from a lead poison? 82 Colica pictonum Lead colic, 82 c. Colica pictorum Lead colic, 82 c. A bad return. What was the cause of the Collapse "collapse?" Collection of fluid in the brain (bad) Hydrocephalus? 46. What disease? cancer? ulceration? stric-Colon (disease of)

D 2

ture? 35, 85, 84.

Colon (inflammation of) Coma (vague) Commotio cerebri Complaint in the head, throat, wind- What was the complaint? pipe, &c. &c. (vague) Complicated disease (bad) Compression of the brain (vague)

Concussio Condylomata Congenital hernia Congested lungs Congestion (vague) Consolidation of the lung Constipation, or Constipatio Constitutional bleeding (vague) Constitutional irritation (vague) Constitutional weakness (vague) Constriction of the brain (bad) Consumption

Consumption of the bowels (bad) Contraction of the bowels Contraction of the windpipe

Contusio Convulsio Corn

Coryza Coup-de-soleil

Cramp Cretinism Crick (vague) Croak (bad) Crossbirth Croup Crural phlebitis Crusta lactea Cutaneous disease Cvanosis Cynanche (vague) Cynanche laryngea Cynanche maligna Cynanche parotidea Cynanche pharyngea Cynanche tonsillaris Cynanche trachealis Cystitis

Damp clothes (putting on, or sleeping What disease was caused by this? in), (vague)

Deadness of the limbs (bad)

Death of bone

Death struck (vague)

Debilitas Debility from constitutional irritation After a surgical operation? (vague) Debility after lithotomy Decay (vague)

Decay of blood (bad)

Colitis? dysentery? 11, 80. From an injury? 45-57. Concussion of the brain? 144.

What was the disease?

Was it from a disease or fracture of the skull? 144.

Concussion, generally of brain, 144.

Fig warts in syphilis? 21. Hernia from birth. 83.

Of what part?

71 a. 82.

See Hæmorrhage, 28. From what cause?

Phthisis, 33 g, 73. Consumption is the more common term, but it is not confined with sufficient strictness to tubercular

Tabes mesenterica? 33 f. Stricture of the intestine, 84.

From what cause? tubercles in the bronchial glands? 33.

Contusion, 144. Convulsions, 54.

Clavus-(dis. of integumentary system.)

How did it produce death?

Bronchitis? 69 a. Did it cause congestion of the lungs or of the brain? 71, 47, and Class 4.

Of what part? 53 c.

33. Of what part? 53, 106. Croup? laryngitis? 8, 67.

104. 8.

See Childbirth, 104.

Eczema, 115.

Of what nature? 113-134.

Quinsey? laryngitis? 67, 76.

Laryngitis, 67.

Angina maligna. Scarlatina, 4 a.

Mumps, 6. Œsophagitis, 78. Quinsey, 76.

Croup, 8. 98 a.

Paralysis? 48. Necrosis, 112.

Apoplexy? syncope? congestion of the

lungs? 47, 63, 71.

Debility. From what cause? 42.

Stone, lithotomy, 97. Atrophy? phthisis? old age? 41, 33 g,

38.

Decline (a vague, objectionable term) Phthisis? atrophy? any chronic disease? 33 g, 73, 38. Old age, 41. Decrepita ætas Was there no other disease? Note after 91. Deficiency of bile Delirium (vague) Was it delirium tremens? mania? a symptom of fever? 49, 51, 17. 49, from intemperance? Delirium tremens Dementia 51 b. Teething, 74. Dentitio, dentition Destitution Diabetes To be applied only to the disease with sugar in the urine, 96 and 94. Diabetes, 96. Diabetes mellitus No. 70. Diaphragmitis 10. Diarrhœa Childbirth, 104. Difficult labour Dyspepsia? gastritis? 86 a, 79, 17. Digestion fever (bad) To be used if the nature of the disease can-Digestive organs (diseases of) not be ascertained, 74-91. Digestive organs (inflammation of), Which of the digestive organs? 74-91. (vague) Diphtherite, or Diphtheritis Diphtheria, 5. From what parts? 28. Discharge of blood (vague) The part affected is sometimes known, while Disease the nature of the disease cannot be ascertained. In such circumstances "Disease of" the part is properly applied. Of what joint? by what cause? 144. Dislocation 30. Dropsy Dropsy of abdomen Ascites, 30 f. Hydrocephalus, 46. Dropsy of the brain Œdema, 30. Dropsy of the extremities Hydropericardium, 30 e. Dropsy of the pericardium Ascites, 30 f. Dropsy of the peritoneum Hydrothorax, 30 d. Empyema, 70 b. Dropsy of the pleura 17, 4 b. Dropsy after fever Heart disease—dropsy, 30 c, 60. Dropsy and diseased heart 30, 89 a. Dropsy and jaundice Dropsy and liver disease from drink- 30, 90. ing 30, 71. Dropsy and pneumonia 30, 83. Dropsy and rupture Tympanites; and what other disease? Drum-belly Cirrhosis, 90. Drunkard's liver 39 b. Dry gangrene Enteritis, 80. Duodenitis What kind of dyscrasia? Dyscrasia (vague) 11. Dysenteria, dysentery 86. Dyspepsia, dyspepsy 72. Dyspnœa From what cause? 100. Dysuria 57. Ear (disease of) 54. Eclampsia 119. Ecthyma cachecticum Eczema rubrum Of blood or serum? In what part? Effusion (vague) Of blood or serum? hydrocephalus? apo-Effusion on the brain (vague) plexy? violence? 46, 47, 144. Effusion on the brain, from an acci- 144. dent Apoplexy? violence? 47, 144. Effusion of blood on the brain Hydrocephalus, 46. Effusion of water on the brain Empyema? 70 b. Effusion on the chest Of serum? of blood? violence? 45 c. Effusion on the spinal canal Greek elephantiasis? 128.

Elephantiasis

Emaciation	From what cause? 38.
Emphysema	72 b.
Empyema	70 b
Encephalocele	Hernia of the brain. From what cause?
E-substill tomorroof abdomen	144, 145.
Encephaloid tumour of abdomen Endemic inflammation of the lungs	35. Pneumonia, 71? Influenza? 13.
Endocarditis	5S c.
Enlargement of the glands	Scrofula? of what glands? 33.
Enlargement of the glands of the	
abdomen	Distretes
Enlargement of the glands of the	Scrofulous? 33.
throat	Diabetes melitius
Enlargement of the heart	Hypertrophy, 60.
Enlargement of the liver	From congestion? 88—91.
Enlargement of the liver and cancer	: 35.
of the stomach Enlargement of the omentum	From scrofula? or cancer? 33, 35.
Enlargement of the spleen	From ague? 15.
Enlargement of the thyroid gland and	
ulceration of windpipe	
Enteritic fever	Enteritis? 80.
Enteritis	80.
Enterodynia	86 c
Enuresis	Incontinence of urine. From what cause?
Unhamous! forms	99. 79? 80?
Ephemeral fever Epilepsia	Epilepsy, 52.
Epilepsia e plumbo	52, and Class 4.
Epistaxis	28 a
Ergotism	A convulsive disease, or gangrene, from eat-
- All All	ing spurred rye. 23.
Eruptions (bad)	What eruption?
Eruptive fever (vague) Erysipelas	What kind of eruptive fever? Class I. 22.
Erythema	22 c.
Exangia cyania	Cyanosis, 43.
Exhaustion (vague)	Mania? 51.
Exhaustion from cold and want	Starvation, 136.
Exhaustion from an operation for	100.
stricture Exhaustion from vomiting	What was the cause of the wamiting? Can
12Xilaustion from vointeing	What was the cause of the vomiting? See 74-91.
Exostosis	108.
Exposed (vague)	136.
Exposure to cold	136.
Extra-uterine fetation	104.
Extravasation of blood	On what part? 28.
Eyes (inflammation, &c. of)	Ophthalmia, &c. &c., 56.
Fainting	Syncope, 63. From what cause?
Fall	144.
Falling sickness	Epilepsy, 52.
Fallopian tube (bursting of)	104.
Fatigue Fatty liver	From what exertion?
Fauces (inflammation of, disease of)	Pharyngitis. Quinsey, 76, 77.
Febris biliosa, F. gastrica	16, 17.
Febris continua	Typhus, 17 a.
Febris intermittens	Ague, 15.
Febris nervosa	17. A sept of the facility of motority
Febris remittens Febris rubra (vague)	Remittent fever, 16.
Febris typhoides	113? Typhus, 17.
Felon	134.
The state of the s	Manual September 1

Female debility (vague) Fever (vague)

Fever of abdomen (vague) Fever on the brain Fever at the stomach Fever (ephemeral) Fever (inflammatory) Fever (puerperal) Fistula Fit (vague)

Flooding Flox (bad) Fluor albus Fluid on the brain (bad) Flux Foramen ovale not closed Found dead (vague)

Found dead in water (vague) Fracture and mortification Fragilitas ossium Frenzy fever Fright Frog (bad) Frost (ambiguous) Frost in the stomach Frostbitten Frox (bad) Frozen to death Fungoid disease Fungus Fungus hæmatodes Furunculus Gall stone Gangræna Gangræna nosocemialis Gangræna senilis Gangrene from a blister, burn, &c. Gangrenous erythema Gangrenous ulcer Gastric fever Gastritis Gathering (vague) General dropsy Giving out of the heart (bad)

Glass-pox Glottis (disease of) Glottis (inflammation of) Gonorrhœa Gouche (bad) Gout Granular disease of kidneys Gripes, Black Gripes Gums (disease of) Hæmatemesis

Glands (inflammation of) Glands (swelling of)

Glanders

Glands (bad)

Paramenia? 103. The nature of the fever should be specified. 17 a. 17. Typhus? 17. Gastric fever, 17. 19. 17, 79, 80. Synochus, 17. Metria, 18; and 104 a. In what part? 32 c. Epileptic? apoplectic? convulsion? paralytic? 52, 47, 48, 54. 104. Thrush? 9. Paramenia, 103. What fluid? and from what cause? Dysentery, 11. 43. What disease, or injury, had been the cause of death? It should be stated whether with or without marks of violence. Class 4. 143. 144.

Brittleness of the bones 109. 45, 51. By what cause? Class 4. Thrush? 9. Thrush? 9. Thrush? 9. 136. Thrush 9. 136. 35.

Fungus hæmatodes? 35. 132 b. 89 b. Mortification, 39. Hospital gangrene, 39.

Dry gangrene, 39. 39, and Class 4. 22.

Phagedæna, 32, 39. 17, 79.

An old term for "abscess," 31. 30. 60?

24.

Scrofula? 33. Scrofula? 33.

Scrofula ? 33. Several entries occur in which neither the particular glands affected are specified nor the nature of the affection.

Small-pox, 1, Phthisis? 73, 33, 67. Laryngitis, 67. Syphilis, 21.

95. 97. Dysentery, 11. What disease? 28 c.

28 f. Hæmaturia 28 b. Hæmoptysis 26. From what part? flooding? Hæmorrhagia (vague) Melæna, 28 d. Hæmorrhage in the intestines Hæmaturia, 28 f. Hæmorrhage from the kidneys 28 e. Hæmorrhois 13. Influenza? Hay fever, hay asthma Brain? 45-57. Head (disease of) (vague) 45. Head (inflammation of) (vague) 58 - 63.Heart (disease of) 58. Heart (inflammation of) Bursting of auricle or ventricle; from what Heart (rupture of) (vague) Heart (rupture of a blood-vessel of 28, 61. the) (vague) 20, 58, Heart (rheumatism in the) 53 c. 63 note. Heart (spasms of) Heart hives (bad) From what cause? phthisis? 73. Hectic fever Hemiplegia 48. 88. Hepatitis Heptatization of lungs 71. Hernia Of what kind? congenital, femoral, inguinal, umbilical; Was an operation performed for its relief? 83. Hernia cerebri From what cause? 144, 145. 116. Herpes Miliaria? 21. Hidrotic fever (vague) 105—112. Hip joint (disease of) From what cause? 144 c. Hip joint (dislocation of) Hip joint (inflammation of) Arthritis, (hip) 105. (Is an objectionable term; as it is used with-Hives (vague) out uniformity of meaning in different - in the bowels, heart parts of the country. Hooping-cough Hooping-cough-pneumonia 7; 71. Hospital gangrene 39 c; 23 c. Starvation, 136. Hunger In what part? 44? Hydatids Hydrarthrus White swelling, 105; note after 112. From what cause? 30 e. Hydro-pericardium, or Hydrocardia 30 g. Hydrocele Hydrocephalus 30 i; 46. Hydrophobia 25. Hydrops 30. Hydrops ovarii 30 h. Water on spine, 46. Hydrorachitis Hydrothorax 30 d; 70. Hypercardia Hypertrophy of heart, 60 a. Hypertrophy of the left ventricle Hypochondriasis 51 b. Hysteria 52 b. Hysteric fits 52 b. Hysteritis 102. Icterus Jaundice 89 a. Icthyosis 127. Idiocy 51 d. Idiotismus Idiocv 51 d. Ignis sacer Erysipelas, 22 a. Ileus 82. Iliac passion Ileus, 82. Illness, long (bad) What was the illness? Impastment of the stomach (vague) 74-91. Imperfect organization of the lungs What was the nature of the "imperfection?"

43.

Imperforate anus Impetigo Imposthume Inanition (vague)

Inclemency of the weather Income (vague) Incontinentia urinæ Indentation of the spine (vague) Indigestion Induration of liver Infancy (disease of) (bad) Infantile fever Infantile remittent fever Infection (bad) Infection from a glandered horse Infection of the bowels (bad) Infiltration of urine

Inflammation (vague)

(vague)

43 c. 120.

Abscess, 31.

Has been variously applied in different parts of the country (see 136.)

136.

Abscess, 31.

Incontinence of urine, 99. 110 b; curvature of the spine.

Dyspepsia, 86. Cirrhosis? 90. What disease?

80. 80.

What kind of infection? class 4.

Glanders, 24.

What disease of the bowels? 74-91.

From what cause? violence? stricture?

97-103; 144.

There are entries in which the part inflamed is not specified; and others in which the parts are vaguely stated. Inflammation may take place in any part of the living body; and the parts affected should be registered in precise terms. It will be observed that inflammation of a part is generally denoted by the termination "itis;" thus, peritonitis is inflammation of the peritoneum.

. Inflammation accelerated by a fall 144. Inflammation caused by a scald Scald, 138. 1. What inflammation? Inflammation arising from vaccina-Peritonitis? 81. Inflammation of abdomen (vague) Bronchitis, 69. the air tubes Inflammation of the aorta (?) From violence? 144; phlegmon, 133? \_\_\_\_\_ arm Arteritis, 64. \_ arteries Phlegmon? 133; erysipelas? 22. --- back (vague) Peritonitis? 81. — belly Cystitis, 98. \_ bladder Inflammation of or in the "body" Rectitis? hysteritis? (vague) 107, Periostitis? arthritis? 105. Inflammation of the bones \_\_\_\_\_ brain breast (vague) 71. Chest? female breast, 104? Bronchitis, 69. \_\_\_\_\_ bronchi Omentum? \_\_\_\_ caul (vague) Phlegmon, 133. \_\_\_\_\_ cellular tissue Pneumonia? 71; pleurisy? pericarditis? \_\_\_\_\_ chest (vague) 70 a, 58. Dysentery? 11. \_ colon Enteritis? peritonitis? gastritis? 79-81. \_\_\_\_ digestive organs Duodenitis. - duodenum Otitis, 57. - ear Epiglottitis. - epiglottis Ophthalmia, 56. - eve Pharyngitis, 77. Scrofulous? 33. - fauces - glands - glands of the throat Mumps? 6; scrofulous? 33. (vague) glands Tabes mesenterica? 33 f. \_\_\_ visceral

	the glottis or on the groin	Laryngitis, 67. Syphilis? 21.
——— of		The second of th
	— head (vague)	0 1 11.1 0 15
desertes in p	heart	Cephalitis? 45.
		Enteritis, 8.
brane of the b		
	internal mem-	Endocarditis, 58.
brane of the h		Endocarditis, 58.
	- internal coats of	Gastritis, 79.
the stomach	(40) (2.1)	the state of the section of
	— intestinal canal	Enteritis, 80.
		Iritis, 56.
		Arthritis, 105.
		Nephritis, 92.
		Laryngitis, 67.
	the legs (vague)	105; 106; 133; phlegmon? rheumatism
market Car		arthritis?
of	the lining membrane	Pleurisy, 70
of the lungs	8	made and the second
or the rungs	liver	Hepatitis, 88.
	loins (vague)	106, rheumatism? nephritis?
	— lungs	71, pneumonia.
	— lungs — lungs caused by	144; 71.
fracture of the	ribs	
	lungs and liver	71, pneumonia; 88, hepatitis.
	lymphatics	Phlebitis? From the absorption of pus aft
	Californithms April "agi	delivery, or an operation? 23; 104.
	- membranes of the	Which of the membranes?
body (bad)		
	- membranes of the	Meningitis, 45.
brain		Man and Autom delicerate
	- membranes of the	58, Pericarditis? endocarditis?
heart		A A CHARLE SHE SHOULD BE REAL PROPERTY.
	_ membranes of the	79—81, gastritis?
stomach		ages II average of the second
		Splenitis, 87.*
	— mouth	Stomatitis, 75 b.
The second second	— muscles	Myositis.
The state of		133, erysipelatous? 22.
	— nerves	Neuralgia? neuritis?
	- œsophagus	Œsophagitis, 78.
	— ovaries	After delivery? 104.
	pancreas	Pancreatitis, 87 a.
	- pelvis (vague)	After delivery? 104
	— pericardium	Pericarditis, 58.
	periosteum	Periostitis, 107.
	peritoneum	Peritonitis, 81.
	— pleura	Pleuritis, 70.
	— pylorus	79.
	- rim of the belly	70 a, diaphragmitis? 81, peritonitis?
	- scrotum	After an operation for hydrocele? or fro
	TT CYAN	what cause?
15-51 1	- shoulder (vague)	Arthritis in the shoulder? 105.
in in	or on the side (vague)	
	the spinal marrow	Myelitis, 45 c.
		Arthritis, 105; or myelitis? 45 c.
		Breastbone, 107.
		Gastritis, 79.
		Which tendons? and from what cause?
		Orchitis, 101.
	thorax (vague)	Pneumonia? 71; pleurisy; 70; pericard
	( 0 )	
	throat	tis? 58. Quinsey? 76.

Inflammation on the tangue	Classica 77
Inflammation on the tongue	Glossitis? 75. Tracheitis, 69.
uterus	Hysteritis after childbirth? 104.
	Of what nature? 21.
veins	Phlebitis, 65.
	145.
from bleeding	
of the visceral gland	Tabes mesenterica, 33 f.
(vague)	Liberane radia
——— windpipe	Tracheitis, 69.
womb womb	Hysteritis, after childbearing? 104.
Inflammatory fever	Synochus, 17.
Influenza	13.
Injured in the birth Injury causing erysipelas, lock-jaw	Violence. Class 4.  Are correct entries, but the mode in which
mortification, &c.	the injury was produced should be indi-
mortification, ec.	cated. Class 4.
Inopia	136.
Insanity	Mania? Monomania? dementia? 51; any
San Sant mediamunde, Sant more	concomitant disease?
Instrumental delivery (vague)	104.
Intemperance	135.
Intermittent fever	Ague, 15.
Internal congestion (bad)	Of what part?
Internal disease (bad)	Of what part?
Internal effusion of blood (vague)	Into what part? 28.
næmorrnage	
Interruption of the bowels (vague)	Heus, 82? constipation?  To be used when the nature of the disease
Intestinal canal (disease of)	is not understood.
Intestinal irritation	Enteritis, 80? diarrhœa, 10?
Introversion of the bowel	Intussusception, 82 b.
Invagination of bowel	82 b.
Iritis	From syphilis? 56.
Irritability of the stomach (vague)	79-81; 86.
Irritation (vague)	limbs.
Irritation of the bowels (vague)	Enteritis, 80? diarrhœa, 10?
Irritative fever (vague)	After an operation? phlebitis? 65.
Ischuria	93.
Ischuria urethralis	Stricture of the urethra, 100.
Itch	Scabies, 27.
Itis	A termination denoting "inflammation;" thus gastritis, inflammation of the sto-
r (emerginalistic), 33.00 to recommend	mach, is formed by adding "itis" to
Chapter Contract Cont	"gaster," the stomach.
Jail fever	17.
Jaundice	89 a.
Joints (disease of)	State what joint? To be used only when
The state of the s	the nature of the disease is not known,
	105_112.
Kidneys (inflammation of)	Nephritis, 92.
——— (disease of)	To be used only when the nature of the dis-
meanmanian, 83/	ease is unknown, 92—100.
King's evil	Scrofula, 33.
Labour (difficult) Lactation	104. What disease did it cause?
Laceratio	Laceration. From what cause? 144. Of
- Control of the Cont	what organ?
Laceratio cordis	144, 61.
Land scurvy	Purpura? 14.
Laryngeal consumption	With tubercles in the lungs? 73.
Laryngismus stridulus	68.
Laryngitis	67.
Larynx (disease of)	Phthisis, 73?

Larynx (inflammation of) \_\_\_\_ (ulceration of) Legs (inflammation in the) Leipopsychia Lepra Leprosy (black) Lethargus (vague) Lichen Lichenous rash Lienteria Ligaments (disease of) (vague) Lily Lithia Lithotomy Liver (disease of) Liver tuberculated

Lock jaw Lock jaw from a wound (vague) Looseness Low fever Lues venerea Lumbar abscess Lungs (disease of)

Lupus Lymphatics (inflamed) (diseased) Madness Malformation Malignant disease Malignant pustule Malignant ulceration of the tongue Mania Marasmus Marsh fever Matter in the veins

Medullary sarcoma of the uterus, thigh, &c. &c. Medullary tumour Melæna Melancholia Melanoma Melanosis Membranes (disease of) (bad) Meningitis Menorrhagia Mentagra Mercurial erythema Mesenteric disease Metastasis (bad) Metastasis to the brain (vague) Metritis Miliaria Milk fever Milt (disease of) - (inflammation of) Miscarriage Mismenstruation Mollities ossium Monomania

Laryngitis, 67. Phthisis? 73; 67. Phlegmonous? 133. Syncope, 63. Psoriasis, 125. 125, 128. Lethargy. From what cause? 48, 51. 123. Lichen, 123. Lientery, 10. 105-112. Thrush, 9. Stone, 97. Stone, operation for, 97. To be used when the nature of the disease is not known, 88-91? 33; 35. 90. Cirrhosis. Trismus, 53. From what cause? 144. 144; 53. Loins (inflammation or disease of) Phlegmon. 133? rheumatism, 106? nephritis, 92? arthritis, 105? Diarrhœa, 10. Typhus, 17. Syphilis, 21. 33 €. To be used when the nature of the disease is unknown, 67-73. Scrofula? 33. Mania, 51. What species? 43. Cancer, 35. 23 b. Cancer, 35. 51. Atrophy? 38. 15. Ague. Pus in the veins, 65. After an operation? or after delivery? 104. Cancer (encephaloid), 35. Cancer (encephaloid), 35. 28 d. Melancholy. Monomania, 51. Melanosis, 36. Which membranes? 45. 28 g. 122. 22c. Class 4. Tabes mesenterica, 33f. Of what disease? To what part? Of rheumatism, 20? gout, 34? Hysteritis, 102? after delivery, 104? 104. Spleen, 87\* (disease of).

Splenitis, 87\*.

Paramenia, 103.

104.

110.

51 c.

Morbilli Morbosity (bad) Morbus articulorum, &c. Morbus cœruleus Morbus cutaneous (vague) Mortification Mortification (effect of a dislocated knee; from a scald) Mouth (disease of) (vague) -- (gangrene of) Mumps Muscles (disease of) Myelitis Nævus Nasal polypus Natural causes (bad) Natural death Natural decay Navel (disease of) (inflammation of) Navel string (vague) Necrosis Nephritis Nerves (disease of) Nervous affection Nervous debility (vague) Nervous decline (bad) Nervous fever Nettle fever Nettle rash Neuralgia Noli me tangere Noma Nutmeg liver Obstipatio Obstruction of the bile \_\_\_\_ in the biliary duct Obstruction in the bladder (vague) Obstruction in the bowels Obstruction in the brain (unintel-Obstruction of the glands (vague) Obstruction of the mesentery Œdema Œdema glottidis **Esophagitis** Œsophagus (inflammation of) - (stricture of) Old age Open heart Operation Ophthalmia Ophthalmia purulenta

Organic disease (bad) Ossification (vague) Ossification of the arteries Ossification in the throat Ossification of the valves of the heart Osteo-sarcoma Otitis Ovarian disease Ovarian Dropsy Ovaries (disease of)

Measles, 3.

Disease of joints, &c. &c., 105-112. Cyanosis, 43. Skin disease, 113-34.

And other cases of the like kind, Class 4, and No. 39. 74, 75.

39 d. What disease?

45 d. After an operation for its removal? 145.

The adjective "natural," explains nothing. The real cause of death should be inquired into.

What disease? Phlegmon, 133? erythema, 22 c? Not tied? 145; 28. 112.

What disease? neuralgia, 55? What affection? monomania? 51. 51?

17. Urticaria, 114. Urticaria, 114. Tic douloureux, 55. Lupus, 129. 39 d. Cirrhosis, 90.

Constipation; costiveness, 82.

Gall-stone, 89.

Stone? stricture? disease of the prostate? 97-100. 82.

Scrofula? 33.

Tabes mesenterica? 33 f.

A partial dropsy, 30. From what cause? Laryngitis? 67; 30.

78.

Œsophagitis, 78. From swallowing an acrid poison, 137?

Cancer? 35.

41.

Cvanosis? 43.

Of what kind? and for what disease? 145.

Purulent ophthalmia, 56.

Of what part?

Of the heart valves-or arteries? 59,39,64b.

Of what membranes?

59. 57; 56. Cancer? 35, 30 h. 30 h; 35? Cancer? 35; 30 h.

Of what kind? causing what disease? Over-exertion Apoplexy? 47. Overflow of blood (vague) Apoplexy? 47.

Jaundice? 88—91.

Pleurisy, 70? pneumonitis, 71? pericar-Overflow of blood on the brain Overflow of the gall (vague) Pain in the chest (vague) ditis, 58? rheumatism, 20? side (vague) Lead colic, 82 c. Painters' colic Paralysis, 48. Palsy 87. Pancreas (disease of) 48. Paralysis 82 c. Paralysis, the effect of white lead From what cause? Paralysis of the bladder From what cause? - œsophagus Typhus? 48, 17. Paralysis and fever (vague) Paralysis, 48. Paralytic fit 103. Paramenia 21 a. Paraphimosi Paraplegia 48. Whitlow, 134. Mumps? 6; 75 c. Paronychia Parotitis Paroxysm (bad) Of what disease? Childbirth, 104. Partus Note after 131. Pellagra From childbirth, 104? after lithotomy, 97? Pelvis (inflammation of contents of) Pemphigus Penis (ulceration of) Syphilis, 12 a? 58 b. Pericarditis 58. Pericardium (disease of) (vague) (dropsy of) Hydropericardium. 30 e. Pericarditis, 58 b. (inflammation of) After lithotomy, 97? Perinæum (erysipelas in) Periosteum (inflammation of) Periostitis, 107. Peripneumonia 71. Peripneumonia notha Bronchitis (asthenic), 69. Peritoneum (disease of) Tuberculous? 81 b. (dropsy of) Ascites, 30 f. (inflammation of) Peritonitis, 81. Peritonitis 81 a. Pertussis Hooping cough, 7. Pestis Typhus, 17? purpura, 14? Petechia (vague) Phagedænic ulceration 39; 35. Phlebitis 65. Phlebitis (crural) 104. Phlebitis (uterine) 104. Phlegmasia dolens Phlebitis (crural), 104. Phlegmon 133. Phlegmonoid erysipelas in the perinæum After an operation? 22. Phrenitis 45. Phthisis 33 q; 73. Piles 28 e. Plague Pestis, 19. Planet-stroke (vague) Apoplexy, 47? paralysis, 48? mania? Plastic inflammation (vague) Of what part? Pleura (inflammation of) Pleurisy, 70 a. Pleurodynia Pain in side. Pleurisy Pleuritis 70 a. Pleurisy fever 70 a. Pleuritis Pleurisy, 70 a. Plica polonica A disease of the hair and scalp. Pneumogastric irritation (vague) 74 - 91.Pneumonia Pneumonitis, 71. Pneumonia occurs with cephalitis, dropsy,

hooping-cough, influenza, measles, small-pox, scarlatina, and other diseases.

Pneumothorax 70 c. Podagra Gout. 34. Poison Of what kind? 137. Poisonous substances causing disease 137. of brain, &c. Polydipsia Immoderate thirst, 86. Polypus Of what part? 37 c. Polypus narium 37 c. - uteri 37 c, 103. Pompholyx 117. Porrigo 26. Pox (vague) Syphilis, 21? small-pox, 1? Premature birth 42 a. Pressure of the brain (vague) From violence? 144. Procidentia uteri Prolapsus recti Giving rise to what other disease? 80-85. - uteri 104. Prostate gland (disease of) 99. Pseudomorphica Malformation, 43. Pseudosyphilis Syphilis, 21. Psoas abscess 33 e. Psoriasis 125. Puerperal convulsions 104. Puerperal fever Metria, 104. 104. Puerperal mania 67-73. Pulmonary disease (vague) Purging Diarrhœa, 10. Purple fever (vague) Purpura? 14 b. Purpura? 14 b. Purple pox (vague) Purples Purpura, 14 b. Purpura 14 b. Purpura hæmorrhagica Purpura, 14 b. Purulent ophthalmia 56. Putrid fever 17. Putrid sore throat 4 c. Putting on damp clothes (vague) What disease did it cause? Class 4. Pylorus (disease of) Small end of stomach. Cancer? 33, 79. - inflammation of 86 6. Pyrosis Quinsy 76. Rachitis Rickets, 33 h. Ramolissement of the brain See 45 b and 48. Roseola? 113. Rash (vague) Rash fever (vague) Roseola? 113. Rectum (disease of, stricture of) Cancer? 33. Rectum (inflammation of) From what cause? 80, 84. Cancrum? 39 d. Red canker Red gum Lichen strophulus, 123. Red mouth Red gum? 123. Remittent fever 16. Renal disease (vague) 92-100. Renal dropsy 95. Retention of placenta 104. Retention of urine From what cause? 93-100. Rheumatic fever Rheumatic gout 34, 20. Rheumatism (chronic) 106. Rheumatism in the heart 20, 58 c. Rickets 33 h. Rim of the belly (inflammation of) Diaphragmitis, 70 a. (Of the scalp.) Porrigo scutulata, 26. The Ringworm vulgar designation of herpes circinnatus. Disease of the heart? 58-66. Rising of the heart (bad) Rising of the lights (bad) Hysteria? 52 b.

Scarlatina, 4.

Rosalia

113.

Roseola, 113.

Measles, 3.

Rose rash

Roseola

Rubeola

118. Rupia Hernia, 83 (congenital?) (femoral, inguinal, Rupture or umbilical?) "Rupture" is an objectionable term, as it is used in two or three senses. It may be replaced by "hernia" when applied to protrusion of the intestine, or any other viscera; by "bursting" when applied to the giving way of the vessels, the heart, &c.; by "laceration" when parts are torn asunder by a blow or mechanical injury. Aneurism? 61. Rupture of aorta Aneurism? 61. Violence? 144. \_\_\_\_ an artery From violence; of what kind? 144. \_\_\_\_ the bladder a blood-vessel of the A coronary artery? 28. heart (vague), or lungs (vague) Hernia cerebri; arising from what injury? \_\_\_ the brain (vague). 144. In childbearing? 104. the gall duct By violence? or from a gallstone? 144, \_\_\_ the heart (vague) Bursting of the auricle or ventricle; from what cause? 61. the liver (vague) From a blow? 144. Umbilical hernia? 83. ---- the ovary From what cause? childbirth, 104? ---- serous cyst in the lungs - the urethra How caused? - the uterus or womb In childbirth? 104. For what disease? syphilis? Class 4. Salivation Sarcoma Scabies 27. 138. Scald Scald head Porrigo, 26. Scarlatina 4. Scarlet fever . Scarlatina, 4. 55, 106. Sciatica 35. Scirrhous disease of liver Scirrhous tumour on the bladder 35. Scirrhus 35. Scleroma 37 c. Scorbutus Scurvy, 14. 33. Scrofula Scrofulous inflammation of the joints 33. Scrotum (disease of) Cancer? 35. From what cause? 133, 30 g. - (inflammation of) Scurvy 14. Sea-sickness Class 4 Seizure (vague) Paralysis? 48. Apoplexy? 47. Senectus, senilitas Old age, 41. Sheath (inflammation in the) (bad) Of a tendon? Shingles Herpes zoster, 116. Shivering fit (vague) Ague? 15. Shoulder (disease of) Scrofulous? 33. "Joint" should be added in cases of this kind. (inflammation of) Arthritis (shoulder) 105. Sibbens Yaws, 131. Sickness (bad) What kind of sickness? Side (inflammation of or in) (vague) Pleurisy, 70. Side (pain in) (vague) From what cause? 70, 55. Skin (disease of) Only to be used when the nature of the disease is unknown, 113-134.

Sloughing (vague)	Of what part? from an accident? syphilitic sore? ulcer? 39, 32.
Sloughing from a blister	39.
Sloughing of nates	From what cause? no other disease? 39.
A COLUMN A	Where persons are confined to one posi-
	tion the parts on which they lie mortify
	or slough. The primary disease should
Addressed to a descendant to some a sent	be registered as well as the sloughing.
Sloughing of the vagina and labia	3, 39.
after measles	14 Tanana and an and an and an and an
Small-pox Soda	1.
Softening of the bones	Heart-burn; dyspepsia, 86.
spinal marrow	Mollities ossium, 110. 45 c, 48.
Soot sore	Chimney sweepers' cancer? 35.
Span of the back (bad)	144?
Spasmodic asthma	72.
Spasmodic inflammation (vague)	Of what part?
Spasmodic stricture	100.
Spasms	54. Affecting what muscles?
Spasms of the glottis	68.
Spasms of the heart	53 c, 62. 63.
——— muscles	53, 54.
stomach	53, 54.
Sphacelus throat	hysteria? epilepsy? 52.
Spina bifida	43.
Spinal marrow (disease of)	To be used when the nature of the disease
opinia minion (modeo or)	is not ascertained, 45 c, 48.
Spinal marrow (inflammation of)	Myelites, 45 c.
Spinal marrow (softening of)	48.
Spine (disease of)	Scrofulous? 33, 110.
(inflammation of)	From injury, 144.
Spitting of blood (vague)	Hæmoptysis. Phthisis? of which it is gene-
8-1 (3: 1)	rally a symptom, 73, 33, 28.
Spleen (disease of)	After ague? 15.
Splenitis Spontaneous combustion	Spleen (inflammation of), 87*
Spontaneous combustion Spotted fever	Catacausis, 40. Typhus, 17
St. Anthony's fire	Erysipelas, 22.
St. Vitus's dance	Chorea, 50.
Stagnation (bad)	
Starvation	136.
Starved blood (vague)	From what cause? 29 a.
Stomach (bile on the) (vague)	86.
Stomach (disease of the)	To be used when the nature of the disease
Channalan autoation of	is unknown, 86.
(hour-glass contraction of the) (bad)	Can scarcely be the cause of death.
(Impastment of)	74-91.
(inflammation of)	Gastritis (chronic? or acute?) 79.
Stone	97.
Stone colic	97 a, 82.
Stoppage (vague)	Of what part? of the bowels, urine, menses?
	82, 93, 103.
of blood in the head	Apoplexy? 47.
(vague) of the bowels	82.
from swal-	82, and class 4.
lowing plum-stones	ca) and coop a
- of the breast (bad)	
- of the secretion of urine	Ischuria, 93.
of the throat (vague)	From what cause? 84.
of the urine	Stricture? 100
Strangulated hernia	8%
	80

Strangulation of the intestines Strangulation of the womb (vague) Strangury (vague) Stricture Stricture of the cæcum, æsophagus, rectum Stricture of the urethra \_\_\_\_ windpipe Stroke (vague) Struma Strumous disease Subluxatio Substance in the side (bad) Sudden collapse (vague) Sudden death (vague) Suffocation during birth Suffocation from blood (vague) \_\_\_\_ diseased trachea general glandular enlargement (vague) --- want of proper attention Suffusion of the lungs (vague) Sugar in the urine Suicide (vague) Suppression of urine Suppurating sores of pubes and groin Syphilis? 21. Surfeit (vague) - of the blood (bad) --- of cold (bad) Suspended circulation (vague) Sweep's cancer Swelling Swelling of the glands \_\_\_\_\_ in the limbs (vague) \_\_\_\_ of the lungs (bad) \_\_\_\_ of the throat (vague) Swine-pox Syncope Synochus Synobitis Syphilis Syphilitic lepra Tabes (vague) Tabes dorsalis Tabes mesenterica Tænia Tapeworm Teething Teething and diarrhœa Temporary insanity (vague) Tendons (disease of) Testes (disease of)

Testes (inflammation of)

Hernia? 83. With prolapsus or introversio uteri? 104. Stricture of the urethra? prostatic disease? Of what part? 100, 84. From cancer? 35. From the pressure of tuberculated bronchial glands? 33. Paralysis? apoplexy? 47, 48. Scrofula, 33. Scrofula, 33. Of what joint, and from what cause? 144 c. From what cause? To be used only when the death is sudden, and the cause of death unknown. Can only be applied properly when the child has breathed, 141 c. 28. Phthisis? 73. Pressure of bronchial glands? tuberculous disease? 33. 141 c. 141 c. Diabetes, 96. How was the suicide committed? Class 4. Ischuria renalis? 93, 106. The disorder of the bowels produced by food, by drinking cold water in hot weather, &c. : this is an old term, and was formerly applied to cholera; it is now unintelligible in the two following expressions. From what cause? 35. Tumour? 37. Scrofula, 33? cancer, 35? Dropsy? 33, 30. 67-73, 52 b. Quinsy? 76. Fainting, 63, Inflammation of the lining membranes of joints: add of what joint, 105. 21. 21 b. Atrophy? 38. Phthisis? 33, 73. Wasting from sexual excesses. 33 f. 44 6. Tænia, 44 b. 74. 74, 10. Suicide? Class 4. 105-112. To be used when the nature of the disease is unknown.

Orchitis, 101.

Tetanus	53.
from anxiety and fatigue	53.
Thoracic inflammation	Pneumonia, 71? pericarditis, 58? pleurisy,
Thuist (b. 1)	70?
Thrift (bad) Throat (disease in the) (vague)	35?
(gatherings in the)	AUDITAL STUDY
(inflammation in the)	Quinsey? 76.
Throat fever (vague)	Scarlatina? 4.
Throcks	Thrush? 9.
Thrush	9.
Thymic asthma Thyroid gland (abscess of)	68. Scrofula? 33.
Tic douloureux	Neuralgia, 55.
Tongue (disease of)	Cancer? 35.
- (inflammation of)	Glossitis, 75.
Tonsils (inflammation of)	Quinsy, 76.
Tonsillitis	Quinsy, 76.
Tooth fever	Teething? 74.
Trachea (disease of) Trachea (inflammation of)	Tuberculous? 69, 73. Tracheitis, 69, 8.
-—— (ulceration of)	Tuberculous? 69, 32, 33.
Tracheitis	Croup? 8, 69.
Trismus	Lockjaw; a form of tetanus, 53.
Trismus nascentium	53.
Tubercles on brain	33.
Tubercular disease Tubercular meningitis	33. 45.
	81 b.
Tuberculated liver	88-91.
Tumefied liver (vague)	Congestion of the liver? 88-91.
Tumor	Of what kind? In what part? 37.
in abdomen, brain, liver,	What is the nature of the tumor? 37.
lungs, neck, pelvis Turn of age (vague)	Paramenia? 103.
——————————————————————————————————————	Paramenia, 103.
Twist in the bowels	82.
Tympanites	In what disease? 86.
Typhus	17.
Typhus icterodes	Yellow fever, 16 b.
Ulcer	Ulcers are of various kinds (simple, scrofu-
	lous, syphilitic, cancerous,) and their character should be stated, 32.
Ulcer of the air-tubes	32.
in the chest	Phthisis? 38 g, 73.
-ear or eye	82, 56, 57.
head	Syphilitic? 32, 35, 21.
kidneys	32, 92, 97. Phthisis? 73, 33 g.
	Cancer? 35.
lungs	Phthisis? 33 g, 37.
in the mouth	Of what kind? 85, 21.
of the pleura	From phthisis? pneumothorax? 70.
in the throat (vague)	Syphilis? 21 a.
and perforation of the stomach	85. Phthisis.
——— of windpipe Ulcerated bladder	98, 32.
glands of throat (vague)	Scrofula? 33.
sore throat	Diphtheria, 5.
throat (vague)	Syphilis? 21; scarlatina? 4.
Ulceration (vague)	Of what part? See Ulcer, 32.
of hone	Cancer? scrofula? 35, 33. Scrofulous? carries, 111, 32.
of bone of the bowels	Typhus? dysentery? 17, 11, 85.
A MAN A MINISTERY	Е 2

with fever —— of fauces (vague)	Syphili	s? 21.
of the gullet	Cancer	
——— mouth		m oris, 39, 9.
penis		s? 21 a.
pubes of scrotum	Syphili	s? 21.
stomach throat (vague)	85.	s? 21. scarlatina? 4. diphtheria? 5.
throat (vague)	Cancer	ous? 35.
trachea		
windpipe		s? 33 g, 73.
———— womb	Cancer	f 00.
Ulcus		cer, 32.
Ulcus ventriculi Urethral fistula	32 c, 10	tion of stomach, 85.
Urinary abscess		t circumstances did the urine escape?
Officially assected	100,	The state of the s
Urine (stoppage of)		re of urethra? 93, 100.
	Ischuri	a, 93.
- (bloody)		turia, 28 f.
Urticaria	114.	affindam)
Uterine fever (vague) Uterine hæmorrhage (vague)	See 104	ng, 104. Menorrhagia, 28 g.
phlebitis	18, 104	
Uterus (disease of)		used when the nature of the disease
		known.
Uterus (inflammation of)	Hyster	itis, 102.
Vaccination	1.	9.01
Vagina (disease of) Varicella	Syphili	
Variola		n-pox, 1.
Vascular system (disease of) (vague)	58-66	
Veins (disease of) (vague)		
(inflammation of)		is? 65
Vermes	Worms	
Vertigo	Note a	
Vesicular fever (vague) Violence (vague)	Miliaria	ir 2.
causing erysipelas	Class 4	. 144, 145.
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Want of clothing	Atroph Dropsy Ascites	? 30.

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Yellowart

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#### TO CORONERS.

(CIRCULAR.)

General Register Office, February, 1864.

SIR,

In order that the returns to the various Registrars of the causes of violent deaths may be rendered as uniform and explicit as possible, I have caused to be reprinted those admirable "Observations on the Causes of Violent Deaths," issued in the year 1845 by Major Graham, the Registrar-General for England.

I have now the pleasure of transmitting you a copy of the "Observations," and apprehend that you will experience considerable assistance by adopting the directions and suggestions therein contained. You will find illustrations of what returns are considered most complete, as well as such as are defective. I would add, in the words of the Registrar-General for England—"It is to discover the dangers attendant on the occupations, pursuits, and various circumstances in which the population is placed, that I request your aid, in the hope that, if the causes of death are ascertained, additional security may be thrown around human life, and thus the great object of the Coroner's Inquest be promoted by the Registration Act.

I am, Sir,

Your obedient Servant,

WM. Donnelly,
Registrar-General.

# OBSERVATIONS ON THE REGISTRATION OF THE CAUSES OF VIOLENT DEATHS.

The Registration Act has made it imperative in Ireland to investigate and record the Causes of every person's death. The object of the inquiry is, that the precise nature of these causes may be determined; that they may be carefully analyzed; and that means may hence be devised for guarding against their effects, and for throwing additional security around human life. To be of any use in improving the public health, preventing crime, and advancing medical science, the inquiry into the causes of violent death must be complete, and must include three classes of "particulars."

The questions to be proposed in reference to every case of

death ascribable directly to external causes, are—(1.) Was the death caused by human agency? Did the person die by his own hands, or by the hands of other persons? or was his death accidental? (2.) What was the instrument, force, or thing, by which death was caused? (3.) What was the nature of the fatal injury inflicted upon the body? The time that the person lived after the injury, and the place in which it was received, also demand attention.

1. The first class of facts comprised under the "Cause of Death," has reference to persons. It is the legal point of view.

The deaths caused by human agency are referred to several heads -- (1) Suicide, felo de se; (2) Murder, infanticide, fratricide, parricide;\* (3) Manslaughter; (4) Excusable

homicide, justifiable homicide; (5) Execution.

As well as the social and blood relationship of the person killed and the person who kills him, the circumstances in which the two parties are placed constitute important distinctions; he or they may be engaged at the time (a) in a chance fight, or pitched battle; in a duel, or in war; (b) in rebellion, incendiarism, smuggling, piracy, poaching, highway robbery, burglary, or in suppressing any of these crimes; a person may commit murder, and then kill himself; he may be a prisoner, or a deserter. (c) Persons sometimes die after surgical operations voluntarily submitted to for the relief of disease; (d) women are sometimes killed by injuries in childbearing, or by attempts to procure abortion.

Violent deaths may thus be caused indirectly as well as directly, unintentionally, intentionally, or negligently, when the," man-killer" did not intend to do any harm, or when he intended only to punish, or to inflict an injury of a kind not usually fatal; when he or the person killed was acting legally or illegally. A man may kill his adversary in selfdefence (chance medley).† The motives which lead to the commission of murder and of suicide are an important link in

the chain of causes.1

† "Chance medley is properly applied to such killing as happens in self-defence upon a sudden rencounter."-Blackstone, B. 4, c. xiv. "Chance medley is often erroneously applied to any manner of homicide by misadventure;" as in the fol-

lowing verdict-" Chance medley by laudanum."

<sup>\*</sup> The latter forms of murder have not been recognised as distinct offences in English law; and the distinction has been abolished between murder and petit treason, or the murder of the master by a servant, the husband by the wife, the superior by an ecclesiastical person, 9 Geo. IV. c. 31. "To compass or imagine the death of our Lord the King, of our Lady his Queen, or of their eldest son and heir," is high treason, 25 Edw. III. c. 2.

<sup>‡</sup> The presumed motives of the criminals are stated in the French criminal returns.

The condition of the person's intellect, when death happens, is also observed; he may be in a state of insanity, or of intoxication; in an epileptic fit or asleep (sleep-walking).

Deaths by physical causes, or accidentally by men, are generally called "accidental;" which by itself is not suffi-

ciently explicit.

Few violent deaths can happen in which at least one or other of the circumstances in this class of facts should not be recorded. When no information can be obtained, it should be so stated.

2. The second class of facts has reference to things: to the instruments employed where human agency is concerned: in other cases to the animals, machines, and ordinary mechanical forces or bodies of nature With reference to the public health it is the most important head of inquiry.

Death is caused by wounds, stoppage of breathing, burns, starvation, poison; and it is impossible to enumerate all the various ways in which, or the things by which, such fatal injuries are caused; but the following classed list of those which have been mentioned in the English Returns, with some additions, may serve to fix attention on the many details which have to be attended to:—

Weapons and Instruments employed by Men:—Sword, dagger, knife, razor, lancet, "fork thrown at," a club, bludgeon, "the fist"—whip (flogging)—pistol, gun, cannon (burst, shot, ball).

Animals, domestic or wild:—Dog (bite of), (inflammation, lock-jaw after bite of), hydrophobia\* (—weeks after bite of—); bite of a viper, rat, boar; bull, cow (tossed, dragged, gored by); bites, &c., of other animals.

Horse, Mule, Ass—thrown by, run away with, dashed against—by, run over by, kicked by—in hunting, racing, &c.:—Waggon, cart, timber-carriage, stage-waggon, van, gig, phæton, private carriage, coach, cab, omnibus, stage-coach—(the person thrown off, fallen off, run over by, run against and crushed by), (the vehicle upsetting, run away with and dashed against—).

RAILWAYS—fall of embankments, cuttings, bridges, tunnels;—
RAILWAY CARRIAGES—thrown off;—run over by (while at work, on duty or not, on the line); run against and crushed by, "jammed between two carriages," upsetting, running off the line;—steam-engine — boiler exploding, setting fire to carriages, scalding. The name and part of the railway should be invariably returned.

<sup>\*</sup> The number of hours, days, or weeks intervening between the bite of the rabid animal and the appearance of hydrophobia, and between the first attack of disease and death, should be invariably recorded.

INCLINED plane (" fall off").

Steamers, Sailing Vessels, Barges, Boats, Ships:—Injuries in dockyards, "fall from docks,"—falling overboard—from mast, "from ships' yards," "into the hold," "crushed between two vessels," "mast falling on," "entangled in machinery," "steamboiler exploding, setting the ship on fire," upsetting of pleasure-boats, barges, &c.;—shipwreck. The name of the ship, or steamer, should be stated; also the description of vessel—colliers—foreign traders, &c.

Dwelling-Houses — fall of, fall from scaffolding in building, fall from the roof, fall of bricks, from windows, down stairs, over banisters, into cellar; "fall from bed-room window asleep;" fall of chimney; burnt by the house taking fire.

Works-iron, copper, brass, lead, dye, print, bleaching, glass, china, earthenware (potteries).

Factories-cotton, silk, woollen, flax; &c.

Mills-flour, paper, bark, saw, &c.

Machines-threshing, &c., water-wheel, windmill sails, horse-gin, windlass, capstan, &c.

Steam Engine—(a) explosion of boiler, (b) the engine itself. Flywheel, beam, connecting rod, piston rod, governor ball, &c.

Gearing-shafts, wheels, pulleys, straps, &c.

Machinery in Iron, &c., works—machine straps, rollers, planing-machines, lathes, drills, punches, rivetting, wire-drawing, pipe-drawing, &c., machines.

In Print, Dye, and Bleaching works—washing-wheels, printing and calendering machines.

In Cotton Factories—beater, devil, carding-machine, roving, stretching, doubling, throstle frame, loom mule, dressing machine.

In Silk Factories—throwing, reeling, winding, doubling, spinning machine, loom, &c.

In Woollen Factories—combing, carding, teaseling, shearing, slubbing, roving, spinning, fulling machines.

In Flax Factories - heckling, roving, doubling, spinning, &c., machines.

Miscellaneous Machinery, or such as is used not in actual manufacturing, but in auxiliary processes, such as teagles, cranes, hoists, grindstones. Also mercury, lead, acids, alkalis, and other chemical agents, which are causes of death in manufactories, &c.

[The name of the work, or of the owner of the work, factory, or machine, should always be stated, as in the following instance:—"Laceration of the scalp by a cardingmachine in John Holt's factory—lived 9 days; erysipelas,

5 days."]

MINES and COAL-PITS—State the department the deceased was engaged in, under "rank or profession"—distinguishing the "viewer," "overman," "back-overman," "hewer," "putter," "trapper," "crane-boy," "rolley-driver," "rolley-way-man," "Davy lampkeeper," "furnaceman," "stable-keeper," "wasteman," "shifter," "onsetter," "banksman," "brakesman," &c.

Falls—in "shaft," "stapple," "drift, or water-level," "waste,"
"rolley-way," "tram-way," "goaf," "workings"—men falling
through rope having been cut or broke when "riding away"
(descending, &c,), or breaking of "pit chain," or "slipping of
knot,"—fall down "coal-pit shaft," or "stapple," &c.

Falls—of stone or coal; of roof of mine; of "coal-pit tub;" "corfe," "kibble," "prop," "pick," "hammer," &c.

Blows—when driving in dark or light, by "crane-handle," "rolley," "tram," "blasting stone or coal," "hewing," "drawing a jud," blows of "capstan," of swingle-tree, of gin or winsey, pit machinery, stamp mills, or steam-engine, &c.

Explosion—State whether killed by the direct effect of fire, or from suffocation by the "after-damp," "choke-damp," or "styth"—either immediately after the accident, or at a later period, in rendering assistance, &c. State where the explosion happened, in the "waste," "face of workings," or "goaf," &c.—whether "Davy lamps," "raw lights," or "flint mills," were in use when the explosion happened—whether the mine had one shaft or more. In explosions fatal to many lives, note the diameter of the shaft and the acres of royalty; and whether the ventilation was conducted by a furnace or lamp, the method "simple," "scaling, or compound;" whether the mine was working in the "whole, or the broken." The name of the mine and the owners' names should be always recorded.

Drowning—in mines—where was the water from? What caused the accident? Was the shaft to the rise or the dip of the coal field, or "seam"? Did the seam keep a "water engine," and of what power was that engine?

QUARRIES:—"Roof of a quarry falling in," "stone falling in," "fell into a quarry."

Fall of heavy substances:—Fall of stones, of limestone, "a piece of marble," marl, sand; brick wall, "part of a new chapel," a theatre, a bridge, "an arch;" "a piece of timber," "wood," "a pile of deals," "a beam;" "a box of soap," "a bale of cotton," "a box of sugar;" "a mallet;" "a crane," "a rope," "a boat," "a piece of iron."

Falls—from a ladder, scaffolding, "a rock," "a tree," a monument, a church tower, a steeple, an arch, a railway arch, a mill window, a wall, through a trap-door in the street,—in a malthouse; falls in running, skating, walking in frosty weather; jumping from a building on fire;" falls in wrestling, jumping,

running; falls into a pit, a saw-pit, a cave, a "stone delph," from a wall, "on a hand-staff which ran into his body," "on the spikes of iron railings," from the quay on a boat; falls in an epileptic fit, in a state of intoxication, &c.

- The breath is stopped in many forms of death, as in drowning, hanging, strangling, suffocation, choking, and inhaling mephitic gases. The general term which designates this mode of death is asphyxia or opnæa.
- Water:—Drowning—(a) in bathing, skating, from falling out of boats, ships, &c.; jumping overboard; upsetting of boats, &c.; shipwreck, &c. (see Steamers, p. 57); (b) in the sea, a lake, river, canal, pit, pond, mill-dam, well, draw-well, clay-pit, cistern, a tub of water, "a tub of ale," &c.; "a child drowned in the uterine fluid of the mother;" "fell into canal while drunk," "fell into a vat of lime-water and ashes," "drowned herself in a tub," "suffocated in a ditch," "suffocated by falling into mud in a fit."
- HANGING—with a cord, a pocket handkerchief, &c.,—on a tree, a bed-post, &c. State whether the body touched the ground.
- STRANGLING—with a cord, a handkerchief, a handkerchief tightened by a stick, &c.; "by the head passing through the rails of a chair."
- Suffocating—overlaying by mother, brother, nurse, &c.; by stopping the mouth and the nostrils with the hand; smothered in a turn-up bed, &c.; "smothered by a hut falling on her," "smothered by falling while drunk out of a loft into a cratch of hay;" smothered by compression and trampling on in a crowd; "suffocated by fixed air in the stomach produced by soda water."
- FOOD:—CHOKING—by meat, by a fish-bone, an oyster, a cherrystone, a pea, a bean. Killed by a nail, a half-sovereign, a pin falling into the windpipe.
- MEPHITIC GASES—irrespirable or poisonous: carbonic acid—fixed air—in mines, graves, wells, chambers, the vapour of charcoal, of brick-kilns, of fermenting liquors; in brewers' vats, &c.; nitrogen in wells, vaults, holds of ships; carburetted hydrogen, sulphuretted hydrogen, in mines, water-closets, sewers; "a sweep (age 9) suffocated in a flue."
- LIGHTNING—struck by, or killed by the fall of other bodies struck by lightning. [It should be stated in all cases whether the person was found alive and conscious,—where he was struck,—whether under a tree, or in a house, &c., and the nature of any visible injury on the body, and any circumstances which can explain the course the lightning took, or the death, should be briefly recorded.]

- Explosion—of gunpowder, of powder-mills, of fire-damp, of gas (for lightning) in mines, houses, &c.; in blasting, discharging fireworks, &c. [The cause of the explosion should be stated.]
- FIRE—of houses, buildings; the clothes, taking fire. [The way in which the fire originated and the article of dress, &c., that caught fire, should be stated.] "Clothes set on fire by another child;" "burnt herself in a fit of insanity."
- Hot Water—" Falling into a vessel of hot water;" kettle of boiling water, saucepan, vessel of hot water—falling on; steam from steam boiler; drinking boiling water out of a kettle; "drinking hot coffee;" "falling into a brewery of scalding alewort;" "falling into new slaked lime."
- Poison—Sulphuric acid (oil of vitriol), nitric acid (aquafortis), hydrochloric acid, oxalic acid, arsenic (oxide), corrosive sublimate, and the other compounds of mercury, verdigris, sulphate of copper, (bluestone), sulphate of zinc, nitrate of silver,—lead (acetate, carbonate),—baryta (hydrochlorate, carbonate)—cantharides, opium (solid), laudanum, muriate or acetate of morphia, hydrocyanic (or prussic) acid [state the strength of this acid], oil of bitter almonds—belladonua (berries of deadly nightshade), hemlock, henbane, tobacco, monkshood, foxglove (digitalis), strychnia, nux vomica, coculus Indicus, fungi, alcohol.
- [In all cases state the particular poison, and the dose when known; also the time elapsing between its administration and the person's death.]
- MEDICINES-in over doses taken or given; quack medicines.
- Substances swallowed, acting as irritants; "a piece of tin," "a pewter tea-spoon," "a piece of wood," a pin swallowed causing ulcer of the stomach, "eating cucumbers," "eating blackberries," "convulsions from eating peas," "drinking cold water when heated."
- Drinking a large dose of spirits; Intoxication by spirits, wine, or ale; habitual intemperance; "apoplexy from drinking;" a book-keeper "hanged himself when delirious from drink;" drunk, fell into the —— canal and was drowned."
- STARVATION—exposure to the inclemencies of the weather; lost in a snow storm on ——; frozen to death; privation of warmth and food; "lost in a lane, and died from cold and starvation;" "fell into a pit and was starved by cold;" "disease of liver and want of necessaries;" want of the necessaries of life through—[here add the cause.]
  - 3. Physical injuries, causing death, constitute the third class of facts. It is the medical point of view.
- FRACTURE—simple, compound, comminuted, of the skull, spine, pelvis, thigh, leg, ankle, arm.

RUPTURE of liver, lungs, spleen, gall-bladder, stomach, intestines, bladder; concussion of brain, of spine; contusion of any part; wound (gun-shot wound, stab, cut, lacerating wound of any part); artery or vein divided, and loss of blood; burns; scalds; blisters; any diseases—inflammation of any part, ulceration, mortification, erysipelas, lock-jaw.

In childbearing women-rupture of uterus; other injuries in

delivery.

In new-born children—crushed at birth; killed immediately after birth by a blow; suffocated; strangled; umbilical cord untied, bled to death.

4. The Place in which every death occurs is to be registered; with regard to accidents not immediately fatal—after which the sufferers die in hospitals or at home—it is right in almost all cases to state where the fatal injury was inflicted. The railway, canal, river, mine, factory, building, steamer, coach, &c., should be distinguished by its proper name.

5. The Time the person lived after a mechanical injury of any kind—or after burns or scalds—should be noted; the *time* he was submerged in drowning, or suspended in hanging; and the time he lived after taking poisons, should, for the many purposes of medical jurisprudence, be ascertained

and recorded.

6. The rank and profession of the person should be particularly described in the column having that heading.

It often happens that a complication of causes conspires to produce death; for instance, a person "falls-on a knife;" the most common cases of drowning are "fallinginto the water;" in houses on fire the victims are generally suffocated by the smoke before the body is burnt; two or three kinds of poison are sometimes taken together, or shortly after each other, and then other means of destruction are resorted to. Any cause in the first class may be combined with almost any cause in the second, and that again may cause any injury or disease in the third class; hence the combinations of the three classes of causes are innumerable. Thus, if we take Suicide in the first class, it will be found that suicide has been committed in every variety of circumstances, with almost all the things and in almost all the ways specified in the second class; while with the several instruments selected, wounds and injuries have been inflicted on all the important organs of the body. So of murder.

CARE SHOULD BE TAKEN THAT EVERY RETURN OF A VIOLENT DEATH ANSWERS THE THREEFOLD INQUIRY INVOLVED UNDER "THE CAUSE OF DEATH;" namely,—

(1.) WAS THE DECEASED KILLED BY HIS OWN ACT, OR BY THAT OF OTHER PERSONS, AND IN WHAT CIRCUMSTANCES?

(2.) WHAT WERE THE MEANS, INSTRUMENTS, OR THINGS BY WHICH THE FATAL INJURY WAS PRODUCED?

(3.) What was the nature of the mortal injury, and what time elapsed before death?

OR HAS ON THE FACE OF IT AN EXPLANATION OF THE OMISSION.

AT THE SAME TIME THE STATEMENT SHOULD BE MADE AS CONCISE AS IT IS CLEAR AND COMPREHENSIVE: NO VAGUE OR UNNECESSARY WORD SHOULD BE INSERTED.

The following are examples of Returns of Violent Deaths, which leave little to be desired:—

Accidentally run over by a cart, while trying to stop a runaway horse—fracture of his skull, ribs, &c.—lived 10 hours.

Accidental fall from a ladder, by which his skull was fractured—lived 2 days.

Murdered by — in a duel, with a pistol ball; lungs perforated; lived 3 days.

Erysipelas from a wound in the leg, caused by the falling of a bar of iron, which struck him on the heel while at work—wound 9 days—the erysipelas 6 days before death.

[The statement in this and similar cases implies that the injury was accidental. The word "accidental" is superfluous, except where a person is killed directly, but accidentally, by human agency.]

Accidentally trod on by a dray horse; chest crushed; lived 5 minutes; (a child, age 2 years).

Accidentally drowned by falling from a schooner into the Thames.

Under water 6 minutes.

Drowned by the accidental upsetting of a boat on the Thames— 3 days in the water.

Drowned by accidentally falling into the Regent's Canal, while stepping from one boat to another. Under water 1 hour.

Accidental, from two logs of timber having fallen upon him—rup-tured bladder (5 days). p. mort.

Accidental fall—wrist cut by a flint—followed by inflammation. (Lived 9 days.)

Suicide, with a knife, after stealing riband in a linendraper's shop—insane (?) at the moment of suicide. (Lived 1 hour.)

Accidental, cut through the skull, and deeply into the brain, by a circular saw in a saw-mill. (Died in a few minutes.)

- Irritation and exhaustion consequent on a fracture of the arm, by a fall from a South-Western Railway carriage in motion. (Lived 5 weeks.)
- Poisoning with arsenic, and exposure to that substance during work in a candle manufactory. [The effects of the poison should have been stated.]
- Exhaustion, following a burn of the arm, 19 days since—the shirt sleeve caught fire over a candle.
- Erysipelas of the arm, following accidental application of sulphuric acid to the fingers. (3 days.)
- Temporary insanity— $2\frac{1}{2}$  oz. of laudanum, and strangulation with handkerchief.
- Drowned by the accidental tilting and sinking of an overloaded boat, containing the deceased and others. Under water 3 hours.
- Accidentally suffocated by inhaling the vapour of charcoal on board of a ship—exposed to the vapour 5 hours. [The name or description of ship should have been inserted.]
- Suicide by arsenic—probably 20 grains in one dose—lived 20 hours.
- Accidentally burnt by her clothes taking fire. [The particular articles of dress—gown, apron, cap, &c.—which took fire should be specified.]
- Strangled with a cord, by the mother—wilful murder. [The mere term "Wilful Murder" is not sufficient. It is most important to specify the manner in which, and when known, the person by whom, the murder was committed.]
- A blow on the head by a fall from an omnibus. [In this case the injury which was the effect of the blow could not be ascertained.]
- Blows by John Downey—manslaughter. [Whether in a prize fight or not should have been stated.]
- Leg crushed by machinery in Samuel Smith's silk factory; lived weeks; abscess, 3 weeks.
- Eye struck by a shuttle in Samuel Brown's woollen factory; lived weeks; meningitis, 3 days.
- Fracture of the skull, caused accidentally by a brick falling on him whilst descending a coal-pit shaft.
- Accidental and instant death by being knocked down a coal-pit shaft by the swing-tree of a gin.
- Wound and fracture of the jaw-bone from his clothes getting entangled with the spindle of a grinding stone at —— iron works.
- Fracture of the skull from his being seized with a fit, and falling out of a skip down a coal-shaft.
- Overdose of Godfrey's Cordial, administered by mistake for syrup of rhubarb.

- Poisoned by landanum—no evidence to show whether by intention on the part of the mother.
- Arsenic taken by herself through ill-treatment of her job mother.
- Stroke of lightning in the Finchley-road—lived 14 hours—symptoms like the stupor of apoplexy—no morbid appearance found in any cavity of the body; but two slight burns were discoverable on the inner side of the fore-arm.
- Accidental, from a compound fracture of the right thigh, occasioned by slipping into the moving machinery of a steam-engine, when on board of a steam-boat.
- Hæmorrhage into the abdomen from accidental rupture of the liver, by crushing between two waggons on a railway train, while there at work. [The name of the railway should be given.]
- Found dead in bed, apparently suffocated, without marks of violence.

# Imperfect Returns of the Causes of Violent Death.

- " Accident."
- "Accidental"—" accidental death;" "accidental by his own carelessness." [Imperfect.]

These cannot properly be called returns of the causes of death. They neither state the nature of the accident, nor the nature of the injury. Was the "accident" in a mine, a steamer, or a factory, or was it on a railway?—Was it fracture, drowning, a burn, or poisoning, that caused the death? It is not necessary to mention other vague returns of the same kind, which leave the same questions unanswered.

"Wilful murder;" "manslaughter;" "justifiable homicide;" "felo de se;" "suicide." [Imperfect.]

All returns of this kind are imperfect. No mention is made of the means by which the "murder," for instance, was caused. Was it by strangling, a wound, a blow, drowning, shooting, or poison? In many cases other circumstances are required to be stated, in order to give a correct account of "the cause of death."

"Fracture of the skull;" "fracture of jawbone;" "a burn;" "rupture of diaphragm;" "suffocated." [Imperfect.]

Returns of this kind are imperfect. It is the exclusively medical view of the cases. The causes of the "fractures," &c., are not specified; nor the circumstances in which the injuries happened. Were they accidental deaths, suicides, or murders?

"Lockjaw;" "erysipelas;" "mortification;" "delirium tremens."

Returns of this kind are "imperfect" when it is not stated whether they were or were not the results of external causes, or intemperance.

"Accidentally drowned;" "accidentally crushed;" "poisoned himself." [Imperfect.]

The place in which the person was drowned should have been stated. Was he precipitated into the water by the fall of a bridge, or the upsetting of a boat? Was he bathing, or skating, &c.? How was the body crushed, and by what? What was the nature of the poison, &c.?

" By a machine."

"Injuries from machinery;" "fell down a coal-pit;" "explosion in a coal-pit." [Imperfect.]

The particular kind of machinery, and the names of the coalpits, or of their owners, should have been returned.

"Water in the chest and pericardium, accelerated by exposure to the severity of the weather." [Imperfect.]

In this return the cause and circumstances of exposure should have been stated? From destitution? Want of clothing, fire, or lodging?—Did it occur in employment in the fields—on board ship—in a fishing boat—in travelling—or in what other situation?

# "Hydrophobia." [Imperfect.]

Was the disease caused by the bite of a dog, cat, or what other animal? How many days or hours elapsed between the bite and the first symptoms of hydrophobia; and how many between the first symptoms and death?

Little can be ascertained respecting the causes of some deaths; but in cases like these, the name of water or place in which the person is found should be stated; and it should be added,

"whether with or without marks of injury."

In many cases the evidence is insufficient to decide positively whether the person committed suicide, fell into the water accidentally, or was murdered. In such case the *probable* cause may be returned in a qualified manner, together with the name of the river or other water; such as "drowned in the Regent's Canal, *probably* by accident."

# "Found drowned." "Found dead." [Imperfect.]

So of other cases, the cause, in favour of which there is a strong probability, should be stated with the proper qualifications. In other cases it should be stated that the circumstances are "unknown."

#### SUDDEN DEATHS.

Inquests are held in the cases of sudden as well as of violent deaths.\* And it is stated by all the authorities in medical jurisprudence, that the causes of sudden deaths, often involved in great obscurity, can only be ascertained by an inspection of the principal organs. The body may have the same external appearance in death by apoplexy, syncope, aneurism, poison, or suffocation, and violence of other kinds; but if the death be distinctly traced to a disease by an inspection of the body, this at the same time determines "by what manner" the person "came to his end," and, with the usual collateral evidence, leaves no more room for suspicion

of innocence, than hope of impunity for crime.

In the returns of the causes of death, it is sometimes found that affections of the mind are stated to have been attended by fatal results, but are reported in a vague and unsatisfactory manner, such as "passion," "anxiety," "fright," "grief," "broken heart," "excitement." The following are better examples of returns of this character: "Shock occasioned by the sudden death of her brother, who expired 3 months before;" "trouble for the death of her son, who died 6 weeks before;" "extreme grief, caused by one of her children having been lost for two days;" "mental anxiety from pecuniary embarrassments;" "illness caused by a fright from thunder and lightning;" "fright from her clothes taking fire." The following, as regards both cause and effect, are complete:-"apoplexy produced by excitement while fighting in a state of intoxication;" "excitement and passion causing a rupture of the left ventricle of the heart."

## DEATHS OF LUNATICS AND PRISONERS,

In cases of insanity or lunacy, the fact and form of the malady should be invariably inserted in the "information;" thus,—mania, 1 year; phthisis, ½ year. The cause of death by disease in prisoners can be generally ascertained, and should be returned on the same principles as ordinary cases of death. See Statistical Nosology and the Medical Certificate Book.

<sup>\* &</sup>quot;The court of the coroner is a court of record to inquire, when any one dies in prison, or comes to a violent or sudden death, by what manner he came to his end." Blackstone, b. 4, c. 19, s. 11; 4 Inst., 271; 2 Hal. P. C. 53; 2 Hawk. P. C. 42. See the 6th and 7th Vic. c. 12, as to the power of coroners to hold inquests where the cause of death arose out of their jurisdiction.

# Extract from 26th Vic., Cap. 11, Sec. 37.

"In case any person shall, after the Thirty-first day of December, One thousand eight hundred and sixty-three, find exposed any newborn child, or any dead body, the person first having charge of such child in the case of the new-born child, and the coroner in case of the dead body, shall forthwith give notice of the finding of the same, and of the place where the same was found, to the Registrar of the district in which the same shall have been found; and the Registrar shall register, after proper inquiry, all the several particulars required to be known and registered, touching the said birth or death, or so much and so many of the particulars as shall have been ascertained."

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