

district in which the parent resides. At any time the police license is liable to revocation. Persons licensed to undertake the care of such children are compelled to grant official inspection at any time in regard to the condition, system of diet, and training of the children under their guardianship.

— It is reported that Dr. Matthews Duncan, of Edinburgh, has consented to accept the post of obstetric physician to St. Bartholomew's Hospital, in London. He is said to have been always extremely popular with his Edinburgh classes.

BOSTON CITY HOSPITAL.

MEDICAL CASES OF DR. O. W. DOE.

[REPORTED BY E. O. OTIS.]

CASE I. *Herpes Zoster treated by Chloroform Injections.*—M. J. O'N., twenty-three years old, entered the hospital July 23d with the following history: Ten days before, he began to be annoyed with pain in the chest about both nipples. In the course of a few days he noticed an eruption on the right side, which continued up to entrance. At that time the pain, severe in character, was mostly confined to the seat of eruption, extending across the axilla up to the right shoulder and down the arm towards the elbow. Appetite and digestion were good. Bowels and micturition were normal. Pulse 96. Temperature 100°. An injection of fifteen minims of chloroform was ordered night and morning, locally in the affected side. After two or three injections the pain was entirely relieved, and remained so, while the eruption, which was a well-marked type of herpes zoster, left to itself, healed rapidly, and the patient was discharged well, August 1st.

CASE II. *Acute Bright's Disease, with Severe Uremic Convulsions; Recovery.*—P. McN., of medium size and stoutly built, a laborer, thirty-three years old, entered the hospital July 13th. He said he was always a very strong man, and that he was perfectly well up to the evening of the 8th, when he noticed swelling of the face and feet, and was attacked with diarrhoea and pain in the upper abdomen. At the time of entrance there was quite general anasarca, and for the previous twenty-four hours there had been a heavy pain in his forehead. He slept well, and felt "as strong as ever." Appetite good. Bowels regular. Micturition free.

The patient said he had been accustomed to use alcoholic liquors freely, but stopped two weeks ago, and just previous to his entrance he worked thirty-six hours in the hold of a vessel. At the time of entrance his pulse was 70. Face flushed and swollen. Eyes reddened and suffused. Tongue with thin white coat.

The examination of his urine gave the following result: Specific gravity 1023. Albumen two per cent. Hyaline and epithelial casts, with a few blood corpuscles. He was given fifteen drops of the tincture of digitalis three times a day.

July 16th. The patient reports himself as feeling "as well as ever," and appetite "first-rate." There is now only a little swelling about the eyes, and none of the extremities.

July 19th. The urine was again examined, with the following result: Specific gravity 1022. Albumen two per cent. Fine granular and hyaline casts. A few blood and pus cells.

July 20th. The house physician was called about three A. M., and found the patient in a semi-comatose condition, having had previously two severe uræmic convulsions. One sixth of a grain of nitrite of pilocarpine was injected subcutaneously, and in the course of ten or fifteen minutes quite free diaphoresis was produced. Hot cloths and flannel blankets were applied. In a short time the convulsions returned and continued during the day. At the time of the morning visit — about half past ten o'clock — he was put under the influence of ether, and kept so the greater part of the day. Pulse was 100; pupils contracted; had passed urine twice since eight o'clock, eight ounces in quantity. He was given of the following mixture half an ounce every two hours: —

Ry Potassii citratis	3i.
Tr. digitalis	3 issa.
Aquæ	ad 3 viij. M.

Also one fifth of a grain of elaterium. A hot poultice was applied across the loins.

July 21st. Pulse 72. Answers questions; says he is better. Two mild convulsions during the night. Passed about twenty ounces of urine since yesterday. Omit prescription of the 18th. The patient was ordered to be put in a hot bath, and placed in blankets for two hours. Examination of the urine gave the following result: Specific gravity 1028. Albumen two per cent. Pus and squamous epithelium. No casts.

July 22d. No swelling anywhere. Bowels and micturition free. On alternate days give hot bath and wrap in blankets for two hours.

July 23d. Three convulsions since the last visit. Pulse 60. Sweating profusely. Mind clear. Passed thirty ounces of urine at one time yesterday. Ordered one fifth of a grain of elaterium.

July 25th. Examination of urine: Specific gravity 1021. Urea normal. Albumen three fourths of one per cent. No casts.

July 28th. Patient up and about the ward. No return of convulsions.

July 31st. Examination of urine: Specific gravity 1020. Albumen one per cent.

August 2d. Appears well the last two or three days. Passed sixty-four ounces of urine in twenty-four hours.

August 3d. Give the hot baths every other day.

August 7th, 9th, 11th, and 14th. The examinations of the urine were as follows: 7th. Albumen one fourth of one per cent. No casts. 9th. Albumen one and one half per cent. No casts. 11th. Albumen one half of one per cent. Specific gravity 1030. 14th. Albumen a trace. Specific gravity 1020. On the 14th he was discharged, saying he felt perfectly well and wanted to go to work.

CASE III. *Chorea treated by Chloral Suppositories and Valerianate of Zinc.* — M. B., domestic, twenty years old, was discharged from the hospital, well, on the 4th of April, after confinement. She reentered on the 15th of May with the following history: About a week before, she began to have twitchings of the muscles of the left side; the muscles of the face contracting

and relaxing caused great distortion, while the arm and leg would be thrown into all sorts of positions. These motions seemed to be excited by contact with others, and whenever attention was directed towards her. There was no assignable cause for the beginning of this condition. On entrance, the pupil of the right eye was larger than that of the left; she was unable to protrude her tongue, and could not articulate distinctly. She understood what was said to her, and tried to answer intelligently. Appetite fair. Bowels regular. Skin natural. Tongue pasty. Temperature 98.5°. Pulse 90.

May 16th. Says she has not slept much until this morning, though thirty grains of bromide of potash was ordered last night. Ordered five grains of citrate of iron and quinine three times daily.

May 17th. Last night had an attack of acute maniacal excitement, so severe that she had to be confined in a camisole; this morning delirium gone, and only choreic symptoms present. Ordered twenty grains of bromide of potassium morning and night.

May 22d. Omit prescription of the 16th and give five drops of liquor of arseniate of potash three times daily.

May 27th. No essential change in the condition of the patient. Choreic movements of the left side still continue. Complaints of nausea and vomiting. Omit prescription of the 22d in consequence. Ether spray to be applied to the spine for fifteen minutes morning and night.

June 1st. Patient in about the same condition; no marked improvement. Omit ether spray. Ordered twenty grains of chloral hydrate at night.

June 2d. Slept well last night; repeat the chloral to-night.

June 4th. Jactitations less violent; sleeps pretty quietly at night. Repeat chloral every night.

June 11th. Much improvement noticed. Movements much diminished. Very quiet at time of visit.

R \bar{y} Chloral hydrate	grs. x.
Olei theobromæ	q. s.
M. Ft. suppositorium N. i.	

Sig. One suppository to be used morning and night.

June 14th. Patient worse than on the 11th; unable to stand without help. Continue suppository. Ordered two grains of valerianate of zinc three times daily.

June 18th. More quiet for the last three days; more rational.

June 20th. Marked improvement in the last two days. Walks about the ward with scarcely any movements of chorea. Perfectly rational, and wants to go out. Give the suppository only at night.

July 9th. No symptoms of chorea. Ordered half an ounce of compound tincture of cinchona three times daily.

July 20th. Discharged, nearly well.

CASE IV. *Pelvic Cellulitis, with Serous Evacuation.* — S. W., twenty-seven years old, married, entered the hospital June 30th, with the following history: Three weeks before, she took a cold bath just before the catamenia had ceased, and since that time had had griping pains, lasting about a minute, after micturition, which was frequent. These pains she located in the left inguinal region. Catamenia have always been regular, and not attended with much pain

or flowing, lasting usually about three days. At the time of entrance the temperature was 100.5° , and pulse 120. The examination of the urine showed nothing abnormal. There was marked tenderness just to the left of the hypogastrium, accompanied with swelling and pain. Hot vaginal douche and starch poultice, as hot as could be borne, were ordered.

July 2d. Over left inguinal region is felt a hard, distinct mass, extending up to a line parallel with the anterior superior spinous process of the ilium. Marked tenderness on pressure. Tenderness is also felt in the median line and right inguinal fossa, where there is a sense of resistance, felt to be more marked at the centre.

On vaginal examination a hard, distinct mass was felt filling up the space to the left of the uterus, evidently the same which was felt by external examination. To the right of the fundus was also felt a small indurated mass, high up, which is quite sensitive on pressure, more so than that on the left side. Os low in the vagina. Cervix immovable. Fundus, from the anterior wall of the vagina, slightly sensitive on pressure; markedly so on the posterior wall. Sound passes two and three fifths inches. Patient passes urine with ease, but there follows a sharp pain across the hypogastric region, continuing about a minute. Bowels moved about once in three days, causing great pain, which lasts but a few moments. To remain in bed. Hot vaginal douche night and morning. Hypogastric and inguinal regions to be painted night and morning with ethereal tincture of iodine. Every other night a tampon to be inserted in the left cul-de-sac, soaked in the following:—

R \bar{y} Potassii iodidi	grs. xx.
Glycerinæ	3 i. M.

July 4th. Induration on the left side as before, but slightly less on the right side, and more tender on pressure. Ordered one drachm of ferrated tincture of cinchona three times daily.

July 7th. The mass on the left side is very much enlarged, filling the left and posterior part of the pelvic cavity, pressing deeply down and back upon the rectum. It is very sensitive to touch, and has an indistinct sense of fluctuation just posterior and to the left of the cervix, where an aspirator needle was introduced and three ounces and a half of serous fluid withdrawn. Hot flaxseed poultice was applied externally, and one eighth of a grain of morphia, as occasion required, to relieve pain. For three days after this the temperature ranged from 99° to 101° .

July 11th. Morning temperature 98.6° ; pulse 104. Evening temperature 100° ; pulse 102. Indurated mass externally now felt on the left, two inches below the umbilicus, hard and resisting. On vaginal examination enlargement not so low as at last report, but occupying a larger space on the right side, and felt posterior to the uterus in connection with the mass on the left. On rectal examination a very small, soft, semi-fluid mass is felt at the most dependent part of the tumor posteriorly. But little pain on examination. Patient generally improving. Considerable distress at time of defæcation.

July 12th. Omit the prescription of the 4th and give

R \bar{y} Ferri et quiniæ citratis	grs. vii.
Vini xerici	3 ss. M.

three times daily.

July 19th. Very slight tenderness only in the right iliac region. No swelling noticed externally in either inguinal region. May sit up an hour every day.

July 22d. The only induration remaining is on the left side and posteriorly. Scarcely any tenderness on examination.

July 27th. Patient sitting up. No pain in pelvic region. Bowels regular. Very anæmic. Omit prescription of the 12th and give thirty drops of tincture of chloride of iron three times a day.

August 1st. The mass spoken of on the 22d is rapidly disappearing.

August 11th. Very slight induration remaining. General condition much improved. No pain.

On the 17th she was discharged, well.

COMPARATIVE MORTALITY-RATES FOR THE WEEK ENDING OCTOBER 6, 1877.

	Estimated Population, July 1, 1877.	Total Mortality for the Week.	Annual Death-Rate per 1000 for the Week.	Death-Rate for the Year 1876.
New York	1,077,228	513	24.76	27.46
Philadelphia	850,856	256	15.65	22.88
Brooklyn	527,830	203	19.99	24.31
Chicago	420,000	142	17.58	20.41
Boston	363,940	151	21.58	23.39
Providence	103,000	36	18.17	18.34
Worcester	52,977	20	19.63	22.00
Lowell	53,678	21	20.34	22.21
Cambridge	51,572	27	27.22	20.54
Fall River	50,372	21	21.68	22.04
Lawrence	37,626	13	17.96	23.32
Lynn	34,524	16	24.09	21.37
Springfield	32,976	6	9.46	19.69
Salem	26,739	10	19.45	23.57

BOOKS AND PAMPHLETS RECEIVED. — A Treatise on the Pathology of the Urine, including a Complete Guide to its Analysis. By J. L. W. Thudicum, M. D. Second Edition. Philadelphia: Lindsay and Blakiston. 1877. (For sale by A. Williams & Co.)

Personal Appearance and the Culture of Beauty, with Hints as to Character. By T. S. Sozinsky, M. D. Philadelphia: Allen, Lane, & Scott. 1877.

The Physiology of Mind. The First Part of a Third Edition. By Henry Maudsley, M. D. New York: D. Appleton & Co. 1877. (For sale by A. Williams & Co.)

Thirty-Fifth Report to the Legislature of Massachusetts, relating to the Registry and Return of Births, Marriages, and Deaths in the Commonwealth for the Year ending December 31, 1876. With Editorial Remarks by F. W. Draper, M. D. 1877.

The Sanitary Condition of Portland. A Report presented to the Maine Medical Association, by F. H. Gerrish, M. D. Portland. 1877.

Respiration of Compressed and Rarefied Air in Pulmonary Diseases. By F. H. Davis, M. D., of Chicago. (Reprinted from the Chicago Medical Journal and Examiner, October, 1877.)