

with rigidity of the cervical muscles, with oposthotonis. Supposing the case to be one of convulsions from teething, the usual hot baths were brought into requisition, with free administration of bromide of potassium, lancing gums, &c. This had the effect of palliating the symptoms to some extent. During the day petechia and purple spots appeared on the body, and with an exacerbation of the symptoms the child passed away, ten hours after the onset of the illness. No autopsy.

*Case No. 3.*—A boy, eleven years of age, residing in St. David's lane, when seen had been ill three days,—was then in a semi-comatose condition, crying plaintively and complaining of his head; very restless, tossing about on pillow. Cervical muscles, rigid, muscles of back affected, resting on heels and occiput, admitting the hand freely under small of back, general trismus during exacerbations strongly marked, hyperesthesia very great. Vomiting at onset, pupils contracted, hyperexia giving 102° at first, after rising to 104°. Very few petechia observable.

Began treatment by active purgation. Ice to head and spine. Bromide of potassium and tinct. hyosciamus in oft-repeated doses. After discontinued ice, gave mixture of tinct. belladonna, fluid ext. ergot and liq. ammon. acet. Applied sinapisms to nape of neck and along spine, rubbed in ointment of belladonna and mercury, sustained strength by beef tea and milk. No amelioration of symptoms took place. Later in the case administered hydrate of chloral with effect of procuring temporary repose. Gave quinine, but like the fluid ext. ergot, mixt, it seemed to aggravate the symptoms. Emaciation became very great; the senses were good throughout, after the first two or three days, and patient continued to keep up an incessant cry for his mother, of "ma," "ma," drawn out into a doleful melancholy strain, sad to listen to. In this case, any excess of drink at one time, excited emesis. By the 20th day the emaciation and prostration were extreme, resembling that of typhoid fever, with partial hemiplegia paralysis of sphincter-ani; stools very offensive, and passing those and urine involuntary. Death occurred on 22nd day. No autopsy.

Having thus had a succession of fatal cases, it set me thinking, and reasoning by inference I came to the conclusion that the symptoms were undoubtedly due to a hyperemic condition of the coverings of the posterior portions of the brain and superior portions of the cord. I had no opportunity of verifying my deductions by actual observations in an autopsy,

but determined to use local depletion if another case presented itself. I had not long to wait when I was called upon to attend.

*Case No 4.*—A fine child, three years of age, in Nazareth Street. When seen it lay in an insensible condition, having had no violent convulsions that morning; head thrown back, some hyperesthesia. No petechia, eyes contracted, twitching of muscles about mouth, hands and feet jerking.

Child had woke in the morning complaining and crying with pain in the head.

Ordered mustard pediluvia. Ordered calomel powders, one gr. every six hours, and leeches to nape of neck over mastoid processes, and to the temples, and to have them repeated every six hours until relief of symptoms or prostration should ensue.

Had the limbs very frequently bathed in hot water. Gave a mixture containing bromide of potassium and tinc. hyosciamus, 5grs. former,  $\frac{1}{2}$  drachm latter, every four hours. Had ungt of hydrarg and belladonna applied to spinal region between shoulders, but soon discontinued it, laying little stress upon its value.

To be brief: The symptoms gradually subsided, rigidity of muscles ceased, insensibility disappeared; restlessness ceased, sleep ensued, vomiting was relieved, and by second day consciousness was fully restored. Great weakness now existed. Gave a mixture of tinct. hyos; potas. bromid. and liq. ammon. acet., ordered milk to be given frequently. No evidence of a return of symptoms shewing themselves, the leeches were not repeated. The child was convalescing favorably by sixth day, and made a good recovery, without any sequela, and is now alive and hearty. The number of leeches applied was four at a time, after the first time, when six were applied, viz., one to each temple, one behind each ear, and two to nape of neck. During the repetitions they were only applied to the back of neck.

*Case No. 5.*—My next case was that of a lad, aged 15 years, in Wolfe Street, occurring in July, 1873.

He had been a strong hearty lad up to the time of his attack. There had been no premonitory symptoms. His mother stated that he came home from school at four p.m., and threw himself upon the sofa, crying "Oh, my head, my head!" He was very restless, changing his position frequently, and seemed to them stupid and hard of hearing, and seemed sore when handled. He gradually grew worse during the evening, although every domestic artifice was exhausted without affording relief.

At 10 p.m. I visited him for the first time, and found him lying on the sofa, very restless, and chang-