

ing his position every few minutes, crying pitiously of the pain in his head; he was hard of hearing and in a semi-conscious state; at first easily roused he had now become hard to arouse and almost entirely unconscious. There was no decided convulsion in this case. There was a very contracted pupil, pulse 140, head thrown back. Cervical muscle rigid, hyperesthesia a prominent symptom. During paroxysms the limbs are flexed, toes contracted, thumb of one hand contracted. Had him put to bed, and extremities first placed in hot water, the hot mustard pediluvia to be repeated every hour. Ordered calomel, 1 gr. every two hours, leeches to occiput, mastoid processes, temples and over cervical vertebra, to be applied every six hours until symptoms yield. Ordered π gr. doses of potassium bromid every four hours, with liquor ammonia acetat, and tinct. hyos.

Saw him at 6 a.m. Pulse 138. Resting quietly; cries out when handled; pupils becoming dilated. To apply cold to head, and continue repeated application of fresh leeches. Bowels to be opened with a brisk cathartic. The petechia were not numerous. To be brief: I saw him three times each day during the first three days, and noted a steady improvement in him, the leeching being kept up until the pulse had, on the third day, fallen to 108. Consciousness was restored, and a little milk or beef tea in small quantity was well borne. The gums were touched with calomel, when a lotion of potas. chloratis was substituted. He continued to progress favorably until the eighth day, when all the symptoms had disappeared, and the patient, though weak and feeble, was in a fair way to convalescence. Four applications of leeches, six in number, and once of two, total applied 26, at intervals during first three days.

A profound deafness remained after this case, which required one to shout at the top of one's voice to make him hear—it lasted about six months, yielding finally to leeching and the use of arnica and aconite.

The pyrexia in this case reached 103° 15" and 104°. The young man is since quite well.

Case No. 6.—My next case was an infant about fourteen months old, whose parents resided at the time in Anderson Street. It began 17th July, 1874, and continued ten days, ending in recovery.

Here the symptoms were very marked, the rigidity of cervical muscles, oposthotonos, hyperesthesia, petechial rash partaking in spots of a livid hue, as if the child had been maltreated; restlessness, pulse 160; pupils contracted, tongue coated with a dirty

brown fur, &c., clearly marked the case as one of cerebro spinal meningitis.

The child was a rather ill-nourished cadaverous-looking being, and I hesitated as to what plan of treatment to adopt, but chose potass. bromid, with liq. ammon. acetatis, for internal administration, and put three leeches on the back of head and neck, three times successively, at intervals of six hours. No faintness ensued from the loss of blood, but a decided amelioration of the symptoms, which encouraged me. I again applied the leeches to the mastoid processes and nape of neck, and continued the treatment until the tenth day, when the symptoms had entirely subsided, and the child made a good recovery. The only sequelæ in this case was the appearance of a crop of boils, which I attributed—whether correctly or incorrectly—to the use of the bromide. Four applications of leeches in this case, three each, three failing to take—nine applied over a period of two days.

Case No. 7.—My last case was a lad aged seven years. When seen he had already been under treatment for about three weeks, and the case had been given up as hopeless (at least, so I was informed).

I found the patient much emaciated, tongue furred in centre, red at tip and edge, pulse 160; cervical muscles rigid, neck stiff, muscular soreness or hyperesthesia very great, eyes bright and shining with a staring look. Child quite conscious, all faculties apparently exalted in acuteness, continually whining and uttering what I believe to be a cry "characteristic" of this affection in its sub-acute form, or where consciousness remains; complained of pain in the head, face pale, great thirst, always calling for drinks.

Ordered leeches to back of ears and neck, four at once, to be replaced every six hours, repeated twice successfully, third time only two taking. Warm sponging over body with spirit bath. Milk alone to be given as food and drink. Bromide of potassium in 5 gr. doses, with tinct. hyosciam. and liq. ammon. acet. Repeated the leeches the sixth time. After the third application the cry ceased, an excessively irritable condition remained, with rigidity of muscles and a peevish fretfulness; lies curled on bed with head retracted still, legs flexed on abdomen. Ordered calomel grs. 1, every six hours, used free inunctions of ungt hydrarg. and belladonna; excessively sensitive to touch. I increased the bromide of potassium to ten grain doses; repeated leeches to head and neck, four were applied successfully; pain complained of in head ceased, muscles became relaxed,