

day claimed to have no desire for liquor. He became ill with la grippe, having received 10 injections. I heard from him four or five months after, and learned that he had not up to that time partaken further of spirituous drinks.

CASE III.—Insurance agent, aged 46; has a neurotic family history, there being cases of alcoholism and insanity. Has drunk steadily for 30 years. I requested this patient to drink all he wished during the treatment. He was poorly nourished, not having the means to properly maintain himself owing to his habits. Drank 20 glasses of ale first day of treatment, the number diminishing daily until the end of the first week, when his desire ceased. At the end of second week he appeared free from the drink crave and had improved very much in his physical condition. At the end of two months he again resumed his drinking habit; his relapse was attributed to his unwillingness to give up his life-long habit of ale at meals.

CASE IV.—Advocate, age 40; has drunk inordinately for about 10 years; no hereditary cause; attributed the acquirement of the habit to the treating custom. Suffers from gastritis with morning vomiting and sleeplessness; gave sod. brom. and calumbo and parvules hg. subchlor. 1.20 gr. every hour. Gave first injection December 17th; found a tonic effect after first injection; no vomiting after next morning; took liquor daily until 25th; none after; all the catarrhal symptoms disappeared after first week of treatment and also the desire for liquor. Ceased the treatment on January 1st, patient feeling quite restored. In a couple of months he had relapsed into his old condition.

December 26, '92, came to have another course of treatment, having confidence in its power to relieve him of his desire for alcohol. The gastric symptoms were predominant; the strong solution was used, beginning with 5 cgm. and increasing daily until 10 was reached; gave two injections daily for 10 days and one daily for 10 days longer. After fourth day gastric symptoms were quite relieved and desire for drink gone; attempted a glass of wine a day or two after but found it flat and distasteful. While taking two full doses daily, on two occasions noticed for a few minutes involuntary contraction of upper limbs; since end of first week appetite and digestion have been good, and he claims to feel better physically and mentally than for months. He, however, will not consent to total abstinence for the future, which to those who can only drink immoderately is the only remedy.

CASE V.—Printer, aged 40; single; a drunkard for about 20 years; no hereditary predisposition; accustomed to be off work two and three days each week; began treatment December 30th, 1891; the ordinary solution; had no

desire for alcohol after first injection, recovering in a week his accustomed health. On inquiry I find he remained well for eleven months, when he again resumed his drinking habits.

CASE VI.—Painter, aged 50; has drunk spirituous liquors since 18 years of age; father was a hard drinker; he cannot sleep and has no appetite; constipated; tongue coated, smooth at tip and edges; has an intense crave for alcohol; drank a few hours before beginning treatment; took no alcohol after first injection; was at a dinner party four days after where liquor was used, but had no desire for it and took none. After 15 injections was discharged much improved in general health and changed in his appearance.

CASE VII.—Corset maker, aged 32; has used liquor for 15 years and excessively for 10 years; went on protracted sprees at irregular intervals; treatment continued from July 5th to 20th, 1892; was drinking when the first injection was given; no desire for liquor after second day, and steady progress afterwards towards his usual condition of health in the intervals of sobriety; four months after again resumed the habit.

CASE VIII.—Feb'y 9th, 1892, druggist, aged 29; used alcohol since 9 years of age; had not taken any for two years previous to three months ago; had made many attempts to give up the habit but without success; no heredity; no insanity or nervous disease in family. Desire for liquor left after second day; stated that he had not experienced any of the symptoms of nervousness and depression observed at other times when breaking off; at the end of two weeks treatment was in good condition and no desire for stimulants. Some two months after learned that he had relapsed.

CASE IX.—Auctioneer, aged 42; has drunk intoxicants for about 30 years, during last six 6 years almost constantly; was irregular in his attendance and got about 20 injections; began drinking immediately after.

CASE X.—Waiter, aged 55, July 15th, has used liquor since he was 20 years of age; father drunk; has abstained at intervals of 2, 3, 6 and 11 years. The last six years' abstinence ended a year ago, when brandy was recommended for sleeplessness, since then has drunk more or less constantly; was intoxicated when he got the first injection, July 15th, 1892; much gastric derangement and sleepless. Sod brom. used to procure sleep; had no desire after the first day and has not drunk any since.

CASE XI.—Aged 40, Feby 25, 1892; no occupation; interdicted for some six years; a chronic inebriate with inherited predisposition. When first injection was given was in a stupor and semi-paralyzed; had been drinking very hard for two weeks, and had for the last week taken 60 grs. sulphonal at bed-time, furnished to him on his own application by a druggist.