

quinquina as I had in quinine and continued its use, the patient might have recovered as rapidly under the entire use of quinquina, as it must be remembered that similar cases do sometimes require one drachm or more of quinine to effect a complete cure.

No. IV. Sept. 15th. F. D., female, aged 20. Two weeks ago had an attack of intermittent fever, for which she took 30 grains of quinine and recovered. Since then she has been taking liquor arsenicalis and liquor ferri dialyzati, partly for anæmia and partly as a prophylactic, having become somewhat anæmic from a succession of attacks of acute malaria. She has been feeling tolerably well since her last attack until this morning, when she lost her appetite, urine high colored, feeling of fatigue and languor, has chilly sensations. I saw her about 3 o'clock when 30 grains of quinquina were prescribed, to be taken in the course of the afternoon and night. She took the remedy faithfully, hoping to ward off the expected paroxysm but without the desired result, as the following morning she had a chill with fever and sent for some quinine, regretting very much that the other medicine did not cure her, as it did not make her "head ring and buzz" like quinine. She had no subsequent paroxysm after taking 30 grains of quinine.

No. V. J. T., aged 27, male. Tertian ague. The usual symptoms, together with a foul breath and thickly furred tongue. Ordered 30 grains of quinquina and a purgative. He returned to our office in three days, stating that he had had no return of the fever, but his appetite had not returned and he had a "bad taste in his mouth." He was ordered a mixture of rhubarb, bicarbonate of soda and infusion of colomba, and when I last saw him a few days ago, he informed me that he soon regained his usual health and had no return of ague.

No. VI. G. S., male, aged 30. Has had attacks of malaria all summer. Came to our office on the 20th of Sept., complaining of his bones aching, loss of appetite, fatigue and languor, inability to work, no rise of temperature. Gave him 30 grains of quinquina, and on the second day after commencing to take the prescription, he returned to work, feeling as well as usual.

No. VII. Sept. 27th. L., aged 11. Has been suffering from ordinary intermittent malarial symp-

toms for two days, with slight rise of temperature. Prescribed 20 grains of quinquina—2 grains every two hours, which produced some relief from the aching and slight lowering of temperature. The prescription was repeated and made a complete cure.

No. VIII. Sept. 27th. Mrs. R.'s baby, aged 2 years. Has had ague every alternate day during the past week. Ordered 10 grains of quinquina—1 grain every two hours. No return of ague.

No. IX. G. J., aged 60, male. Has had two paroxysms of quotidian ague. 30 grains of quinquina in four doses stopped the attack.

No. X. Sept. 29th. C. C., aged 32. Brow ague. Has had severe pains over his left brow every afternoon for the past four days. After taking 30 grains of quinquina there was no return of the pain.

No. XI. Sept. 30th. A. McC., aged 24. Has been suffering from remittent fever for several days. Has taken 2 grains of sulphate of quinine every two hours since the beginning of his illness, in all about  $2\frac{1}{2}$  drachms. The symptoms of quinism having become so distressing to the patient, I omitted the quinine and substituted 2 grains of quinquina every two hours. He felt very grateful for the change, as "the deafness and buzzing in his ears" soon ceased. The fever abated on the second day after commencing to take the quinquina, the ninth day of the disease. It is difficult, if not impossible to determine the relative value of the two drugs in this case. I think it is doubtful if either the quinine or quinquina had much influence in arresting the disease, the case probably being one of those types of remittent fever, described long ago by Cleghorn in his work on the "Epidemic Diseases of Minorca," which terminate spontaneously on the ninth day.

No. XII. T. R., aged 19, male. Complained that every other day for a week his bones ached, felt greatly fatigued and it was with difficulty that he performed his usual manual labor. He had no chills and when I saw him on one of his sick days, there was no rise of temperature. 36 grains of quinquina—4 grains every three hours, restored him to health.

I think I may safely say that from the results of its use in the above cases, it merits further trial. As a tonic I have no experience with it, but as an