

The instrument which I used in counting the red-blood corpuscles is the cytometer of Thoma-Zeiss, and I counted a number of fields on each occasion. The hæmoglobinometer was that of Fleischl. The estimation in both cases was of course approximate, but I endeavored to avoid errors as much as possible.

Case 1.—F. R.; 25 years; weight 158 lbs.; height 5 ft. 5½ in. Family history good. Menstruated at 15 years. Was regular for a few months, then gradually menstruation became irregular, and once or twice was absent five months. Consulted me first four years ago. Complained of amenorrhœa, shortness of breath, pain in limbs in going upstairs, pain in side. Lips and face were pale. I treated her for six weeks with Griffith's mixture, which gave some relief for a time. Consulted me again a year after. Took the same medicine for a month. About sixteen months after this she was advised to take Williams' pink pills, and took four boxes. Took then 350 Bland's pills. All did very little good. A year ago last winter consulted me again. I gave her 200 capsule Bland with arsenic (Duncan and Flockart). Consulted me again about New Year. Prescribed three bottles pomate of iron. This did some little good apparently.

Patient consulted me last about April 25th. Appetite poor, dyspnoea on slight exertion, bowels irregular, face and lips very pale. Anæmic murmur, systolic, at pulmonary interspace, and "humming-top" murmur on right side of neck at base. Blood count 3,313,500, hæmoglobin 38 per cent.

I then gave her pepto-mangan, of which she took three bottles. On May 29th her appetite was good, the constipation had improved, she had menstruated three days. Blood count 4,250,000, hæmoglobin 53 per cent. Of course the anæmic murmur was still there, but I believe that for the time she had taken the medicine it had done her more good than any other preparation of iron.

Case 2.—S. E.; 20 years old; weight 130 pounds. Consulted me six months ago. Complained of pains over region of stomach and in the back; appetite poor. Suffered from indigestion and headache, shortness of breath and palpitation of heart. Could not run upstairs. Anæmic murmur, "humming-top" (*bruit-de-diable*) on right side of neck over vessels. Am not sure there is not a murmur, systolic, at apex. Was treated for indigestion and afterwards by the ordinary preparations of iron. Improved somewhat. Analyzed blood April 25th. Hæmoglobin 75 per cent., blood count 4,144,333. Prescribed pepto-mangan 2 bottles,