

a heavy white fur ; headache. On examining the vulva the varicose vein was seen to have burst, and on its site a whitish membrane about half an inch in diameter was noticed. To the membrane was applied peroxide of hydrogen, and an intra-uterine douche given of a solution of permanganate of potash and the vagina packed with dry iodoform gauze. Ten grains of sulphate of quinine internally and a tablet of two grains of protonuclein given every two hours.

As she had hardly any milk, the child was stopped nursing, and she was given Tait's mixture until it had freely acted.

I requested my friend, Dr. A. J. Richer, who had just returned from a lengthened period of study at the Pasteur Institute, to make a cultivation of what I believed, and which proved to be, streptococcus membrane, and whose report on the matter I attach.

The intra-uterine douche was ordered every three hours, as well as an application of peroxide of hydrogen to the membrane which had now spread to the right side, there being a couple of patches, each about the size of a quarter of a dollar. Between the douches, the vagina in the vicinity of the patches was packed with wadding, soaked in peroxide of hydrogen, left *in situ* 10 minutes, and afterwards packed with dry iodoform gauze.

The following is Dr. Richer's report :—

“ On the 12th of July was asked by Dr. Reddy to make a  
 “ bacteriological examination of a woman confined five days  
 “ previously ; temperature 104 F, pulse 106, face flushed,  
 “ suffering no pain, who had received previously several vagi-  
 “ nal injections of permanganate of potash, a local application  
 “ of peroxide of hydrogen, and had been kept tamponed with  
 “ iodoform gauze. Direct microscopical examination as well  
 “ as inoculation in culture media gave negative results. The  
 “ next day after having the vagina thoroughly douched with  
 “ boiled water, inoculation and direct microscopical examin-  
 “ ation showed streptococci in fairly large proportions, along  
 “ with numerous colonies of staphylococci, and strepto-  
 “ bacilli which appeared to be saprophytic. On the 13th of  
 “ July an injection of 10 c.c. of Marmorek's antistreptococcic  
 “ serum (obtained from a horse) was given on the right side  
 “ about the middle of abdomen, the ordinary precautions  
 “ being observed. For forty-eight hours following the injec-  
 “ tion there was numbness and tingling of the extremities,  
 “ and no pain, with the exception of a little at the seat of the