

will refuse to accede to her request. . . . I have been the witness of dreadful distress from the operation. Eschew it, I entreat you."

This language, strong and confident as it is, has not restrained the resident physicians of the Philadelphia Hospital from vaccinating pregnant women during the past six months.

On the rapid increase of smallpox in this city last fall, all patients entering the hospital were vaccinated, and since the first of last October more than one hundred pregnant women have been revaccinated. The operation was done in the receiving-ward with the best virus that could be obtained, selected by Mr. Bender, apothecary to the hospital.

All the crusts looked typical, and were of first-class quality. Cross-barring was the favorite method of vaccinating with most of the physicians.

All the pregnant women in the hospital October 1, 1871, were also revaccinated.

I am unable at this date to give exactly the whole number of cases, their condition at time of vaccination, etc., but can speak with positiveness from January 1st of this year. At that time I went on duty as resident accoucheur, and, with the assistance of my colleague Dr. Harris, I was able to collect *notes of forty-eight cases*,—all cases of revaccination; and in some of these the operation had already been performed twice. All the women were in apparent good health, varying in age from 17 to 30 years. I made two insertions in each case, on the same arm, below the deltoid muscle. Most of the patients showed fair cicatrices of previous vaccination in infancy. More than half the forty-eight cases were advanced beyond five months in pregnancy.

The operation proved successful in all but thirteen cases, and in no case were any unusual symptoms manifested.

Some of the women suffered considerably with their arms, particularly one German woman, advanced in pregnancy over seven months, whom I revaccinated with cowpox. Her arm was swollen from the shoulder to the wrist, and its surface covered with a diffused erysipelatous inflammation. She was delivered at full term of a fine boy. Her labor was natural in every respect. Since January 1st there have been some miscarriages, but they occurred in those in whom the vaccination proved unsuccessful.