

on the tenth day. Drs. McClinton and Hardy report 6,634 cases of delivery in the same hospital. Twenty-five cases of secondary hæmorrhage were recorded, one of which occurred on the seventh day. There was also reported from this asylum, by Dr. Stimson, in the "New York Annalist," of October 1st, 1847, the case of a patient in whom hæmorrhage took place on the tenth day, subsequent to parturition.

Various causes have been assigned for the occurrence of this accident; but in this instance I think the hæmorrhage is fairly attributable to the early removal of the binder, accompanied by premature exertion on the part of the patient, causing great excitement of the circulation.—*Monthly Journal*, Nov., 1850.

On Superfætation. By Dr. ALEXANDER HENRY.—Dr. Henry has published a lengthened essay in which he classifies cases of superfætation as follows:—

1. Cases in which a dead twin has been retained in the uterus.

2. Cases in which the children have been born, either—

(a) Both at the same time, but of different degree of development, the smaller fœtus being either alive, or recently dead; or

(b) Where the less perfect fœtus has been retained until it became mature.

3. Cases in which children of different colours have been born.

4. Cases in which a double uterus has been proved to exist.

5. Cases occurring during extra-uterine gestation.

Each class is illustrated by example.—*Lon. Jour. of Med.*

MATERIA MEDICA.

A cheap and simple article of Nourishment for Infants—Carrot Juice. By Dr. GUMPRECHT of Hamburg.—Being impressed with the consideration that the nature of the artificial nourishment of young children deprived of the breast has a most important effect on their health, the author was anxious to find some aliment more supportable by the tender organism of infants than cow's milk and amylaceous matters, which mostly tend to acidity. An observation

of Schmidtman, that the pulp of carrots is a favorite article of diet for young children in Turkey, and is much used there, led him to turn his attention to this substance, which, as is well known, from the analyses of Wakenroder and Liebig, is particularly rich in albumen and sugar. It contains, however, also a quantity of ligneous fibre (cellulose), which is indigestible, and may therefore prove injurious.

He therefore thought of employing the thickened juice of carrots in the following way: An ounce of finely-rasped carrot pulp is mixed with 2 cups of cold soft water, and left for twelve hours, during which it is occasionally stirred, then strained through a sieve, and the juice expressed from the pulp. This juice is then mixed with a sufficiency of bruised biscuit, or bruised crust of white bread or little arrowroot, a little sugar added, and the mixture heated, but not allowed to boil completely, so that the albuminous matter may not be coagulated. More sugar may be added if required.

The author considers the addition of the biscuit or bread to be necessary, in order to furnish to the child all the requisite elements of nutrition—viz. albumen, starch, gluten, sugar, fat and salts.

For sucklings deprived of the breast, the preparation is so far altered that the biscuit (1 part) is rubbed up with the carrot pulp (4 parts), then macerated and strained as above (we presume it is to be heated, though the author does not expressly say so.) To this juice the requisite amount of sugar, and a little salt are added, and the child fed with it from a suckling-bottle. Of course great cleanliness is requisite to prevent acidity being generated in the bottle, and for the same reason the juice, which readily undergoes fermentation, is to be kept in a very cool place, and prepared in small quantities at a time.

So far as the author's observation has gone, this system of nourishment has answered well, the children not only bearing it well, but taking the food readily, and he has received assurances of similar success from several of his professional brethren.

It is further stated by him that for older children, the carrot pulp may be mixed with animal broth, and that large carrots answer better for the preparation of the