

most part in opening the bowels, for which purpose the following draught may be given:—

Sulphate of magnesia.....	12 ounces.
Sulphur.....	4 “
Carbonate of ammonia.....	1 drachms.
Powdered ginger.....	3 “
Calomel.....	1 scruple.

To be made into a draught with warm gruel. One-fourth of the above may be repeated every six hours, without the calomel, until the bowels are relaxed; after which mild stimulants, with diuretics, may be given, such as the following:—

Spirit of nitrous ether.....	1 ounce.
Sulphate of potash.....	2 drachms.
Ginger.....	1 drachm.
Gentian.....	1 “

To be given in gruel twice a-day.

Retention, or Stoppage of the Urine, sometimes occurs, and particularly in pregnant cows, from the pressure of the womb on the stomachs. The urine should be removed by means of a hollow tube, called a catheter, and the other symptoms that may attend should be treated accordingly.

Diseases of the Udder.—This part is subject to attacks of inflammation, particularly after calving. The part swells, feels hot, the secretion of milk is interrupted, and the part becomes hard. Treatment.—Hot fomentations should, in the first instance, be practised; and if the inflammation is considerable, bleeding from the milk-veins of the affected side should be adopted. A purgative will be also useful: but if the case commences with shivering, then a stimulant, such as an ounce of ginger dissolved in warm gruel or ale, with two ounces of spirits of nitrous ether, will be most useful, and will sometimes at once stop the progress of the disease. After the fomentation, the following ointment may be rubbed into the part:—

Camphor, powdered.....	1 ounce.
Mercurial ointment.....	2 drachms.
Lard.....	8 ounces.

To be well incorporated.

Quarter-ill happens to young animals, such as yearling heifers, and is caused by lying on a cold, damp soil, and particularly when there is a hoar-frost. It usually exhibits itself at the early part of winter, and is so rapid in its progress, that an animal quite well the previous evening, is sometimes found dead in the morning. We are rather disposed to think that the part becomes frost-bitten in these very rapid cases. At other times the animal is found with one quarter very much swollen, attended with considerable lameness, and the swelling continues to increase, and soon proves fatal. The course indicated is to bleed in the first instance, unless the pulse is feeble; but, previous to this, a diffusible stimulant should be administered, such as two ounces of spirits of nitrous ether, with a drachm of camphor, and given with warm gruel or water. The part should be well fomented with hot water. The other variety of disease which has received the same designation, happens at a different period of the year, and may be ascribed to a sudden change from poor winter food to rich and luxuriant pasture, which greatly increases the supply of blood. It often attacks two-year old cattle, and is most prevalent in the spring of the year. Bleeding, to a large extent, should be practised as soon as possible; after which the bowels should be opened, and the part well fomented. Prevention, in these cases, is better than a cure, and it is certainly far easier, and more particularly in the first-mentioned disease. By housing the young animals at night, or at any rate putting them in sheltered yards before the winter comes on, we shall do much towards the prevention of this disease; and, in addition, liberal dietetic treatment will be of great assistance. The use of oil-cake has been found to conduce materially in warding off this disease. So likewise with regard to that which proceeds from an excess of blood, by gradually changing the pasture, so as not to run from one extreme to another, the disease may often be prevented.

The *Epidemic* is ushered in by a cold fit, with a staring coat and cold extremities, which is soon followed by a reaction, in which the extremities become warm, a discharge of saliva is observed from the mouth, and on examination the tongue is often found swollen; the beast appears tender in the feet, and feverish symptoms are