

nine to twelve inches broad. Can it require a vessel capable of containing several cubic feet to receive three or four pints of water? The bladder of the foetus itself, if not pierced at the bottom, would suffice to contain this liquor, as it does in mankind, and those animals where the allantois has not been discovered; it is, therefore, plain this membrane is not designed to receive the urine of the foetus, nor for any purpose we are capable of imagining, for if it was to be filled it would form a bulk as large as the body in which it was contained; besides, as it bursts at the moment of birth, and is thrown away with the other membranes which envelop the foetus, it is certainly as useless then as it was before.

The number of teats, it has been said, in every species of animals, corresponds with the number of young which the female can produce and suckle. Why then has the male, which never produces, usually the same number of teats as the female? and why should the sow, which sometimes produces eighteen or twenty pigs, never have more than twelve teats, and sometimes less? Does not this prove that it is not by final causes that we can judge of the works of Nature, and that we ought not to determine but by examining how she acts,
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