

the body, of being strengthened by exercise and cultivation: and, further, that not only do the mental faculties gradually manifest themselves from the moment of birth onwards; but that the physical developement of the brain advances proportionally up to a certain period. But on this point it will be desirable to make a few more particular remarks.

SECT. V.

The Developement of the Human Brain, compared with that of other Animals.

THE brain of all vertebral animals, including even man, is nearly identical in structure in the early period of the embryo state of those animals. But at the period of birth there is a very remarkable difference between the degree of developement of the human brain, and of that of the inferior animals. In quadrupeds for instance, the brain, according to Wenzel, is fully developed at the moment of the birth of the individual; contains, that is, at that time, all the parts in as perfect a state as they are in the adult animal of the same species (Wenzel, p. 246): while, with respect to the human species, it is asserted by Wenzel, and his statement is confirmed by the observations of others, that although the brain makes continual and rapid advances to its ultimate magnitude and perfect state, from the period of conception to