

sera of the animals that are vaccinated. These are distinct advances in our knowledge of pathology and lead us to a better understanding of the work before us.

SIR WM. HINGSTON: One circumstance is of marked interest to me: the experiments of Dr. Trudeau alluded to, which are a repetition of experiments made in France by Cruveilhier, some three-quarters of a century ago. Cruveilhier's experiments were often quoted. A large number of rabbits were used. They were fed poorly and exposed to damp unhygienic conditions without fresh air or sunlight. At certain times they were put out into the fresh air and sunlight, when marked improvement in health occurred, those put out early enough regaining their normal condition. With regard to the question of electro-therapeutics, it is the department to which should be devoted all one's energy, as it appears to me that there is a tremendous future for this field of electro-therapeutics. In France, Germany, England and Scotland the advances made are very striking. They not only deal with a particular ray but they analyse and separate it, as the X or Roentgen, and this has given rise to any number of modifications in these electric currents; I think during the past year two more of these have been separated, and all apart from the rays of radium. I am glad Dr. Girdwood is bringing the energies of his well prepared mind to the consideration of these questions. In cancer there are inoperable cases which cannot be reached by the knife, and electricity may afford the only relief. So far it has been found that electricity is of great service where it can act directly upon the disease, as in epitheliomata and lupus, but when the rays have to traverse healthy tissue to reach disease beneath, it has been found to be of less value. But we have hope for the future even in that direction.

DR. HAMILTON: I would like to add my appreciation of the work accomplished by Drs. Girdwood and Higgins and I may say that I read the original article of Dr. Williams, mentioned by Dr. Girdwood, and was very skeptical. I am very glad now to see the results of these experiments in a clearer light being confirmed by Dr. Girdwood's experiments as reported to-night. I feel with Dr. Richer that nothing, so far brought forward, can be substituted for the solar energy.

*Sixteenth Meeting, 20th May, 1904.*

DR. H. S. BIRKETT, M.D., PRESIDENT, IN THE CHAIR.

DR. H. S. BIRKETT presented a case of Melanotic Sarcoma of the hard and soft Palate, and Dr. McKechnie read the case report.

DR. BIRKETT: The interesting point in this case is the comparative rarity of Melanotic Sarcoma in this region. I have seen one other case,