

SUN STROKE.

During the heated term through which we have just passed, there have been a great many cases of sun stroke. In the city of New York, there were no less than 150 cases in one day, (3rd of July), one half of which were fatal. Dr. H. C. Wood has lately written a very interesting paper on this subject in which he says in regard to the old theory, that the disease depended on an alteration of the blood, he considers it no longer tenable. The changes which the blood undergoes in protracted cases are secondary, not primary. By vivisections and other experiments he established the fact that death was not caused by failure of the hearts action, but by failure of respiration, and that the peculiar hardening of the heart caused by the coagulation of the myosine of the heart muscle takes place *after not before* death. This arrest of respiration, Dr. Wood believes to be of nervous origin, and he instituted certain experiments which showed that a brain temperature of 112° to 114° F, was fatal to small animals as cats, rabbits &c. Heat was applied directly to the head by surrounding it with tubing, in which hot water was made to pass, an animal so treated becomes insensible, stupid and finally asphyxiated. The brain of man being more highly organized than that of the lower animals, it is probable that a less degree of heat will produce in man the same series of symptoms. The plan of treatment recommended and almost universally adopted is the external application of cold water or ice, both as a curative and prophylactic remedy. In this there is really nothing new—the cold douche having been long recommended by Indian Physicians who have had considerable experience in the treatment of this affection.

DIPLOMA OF MEMBERSHIP.

At its last annual meeting the Council of the College of Physicians and Surgeons of Ontario, ordered that a Diploma of membership should be issued to any member of the College who might desire it upon the payment of five dollars. Upon transmitting five dollars to Dr. Pyno Registrar of the College, Toronto, the Diploma referred to, printed upon parchment, in a suitable