

DR. CALLUM (in *Jor. of Am. Med. Assoc.*) says:—From an extended experience, with hundreds of cases, I am forced to regard eye strain as the cause in over seventy-five per cent. of all the causes of functional headache and migraine.

THE specific infectious agent in yellow fever has not been demonstrated, Lt.-Col. Dr. Geo. M. Sternberg says, in a report just issued by the U. S. Marine Hospital.

EXPERIMENTS by Prof. Rosenthal confirm Thraube's view that the heat in fever is due to the retention of heat—that is, to a diminished discharge of heat, by the body, and not to increased oxidation in the fluids or tissues.

BUCHNER having succeeded in isolating a substance (alkali-albumin), now known as "Buchner's protein," by injecting this into the circulation Roemer has produced well-marked leucocytosis. The experiments were made on rabbits, and the protein was injected into the veins, with the result that the number of white blood-cells were increased threefold:—a threefold army could then surely more effectually resist bacillary invasions.

IN THE hyper pyrexia of rheumatism (which caused the death of Parnell) Dr. Mall, in *The Practitioner*, reports most gratifying results from the cold bath and coldpack. Eighty-three cases were noted, in 55 of which the temperature exceeded  $106^{\circ}$ , running as high as  $110.4^{\circ}$ , F. Of those having the more moderate pyrexia,  $106^{\circ}$ —and  $107^{\circ}$ , eight out of eleven recovered under the cold-bathing treatment; all of those that were not bathed died. The patient may seemingly be dying from excessive heat-production one hour, and in the next hour may be in comparative comfort, with prospects of a speedy recovery. One bathing has frequently seemed to turn the scale.

OXYGEN as a remedy in chloroform poisoning, asphyxia, &c., is urged by the *New York Medical Journal*. It is "a great burden lifter from the heart in most cases of dyspnoea." A soldier was apparently lifeless and pulseless from having been exposed to coal gas from a burst balloon. An officer thought of a bottle of compressed oxygen, a tube was attached to the bottle, and its mouth piece put in the man's mouth. The oxygen was liberated, appeared to force its way into the lungs, and in from ten to fifteen seconds from its first outrush the man,

who had just presented the aspects of a livid corpse, agitated with paroxysms, half-hour later was calmly walking back to the barracks, all danger being at an end.

PEROXIDE of Hydrogen has given excellent results with Dr. F. H. Wiggin, of New York, in typhoid fever. Marchands peroxide is regarded as the best and most reliable

IN A recent paper Dr. Warner, of New York, said that the weight of authority was with those who believed that very young infants afflicted with tuberculosis had acquired it by the ingestion of milk or of some other substance infected with the bacilli, and what was inherited was a suitable soil for it.

DR. SAVAGE, at a recent meeting of the London, Eng., Medical Society, said he had seen in all 54 cases of neuroses following influenza—33 in men, 21 women. In 4, general paralysis of the insane resulted; in 20, melancholia; in 13, ordinary acute mania; in 6, delirious insanity; in 5, delirious mania; and in 6, mental weakness of some sort. Three-fourths of the patients recovered, only three died.

ACTINOMYCOSIS was the subject of discussion at the last meeting of the Royal Medico-Chirurgical Society, London, (Nov. 10, '91). A case was reported in which the patient had eaten fresh ears of barley and wheat.

DR. CROOKSHANK said, actinomycosis was extremely common in England, and was known to veterinary surgeons as osteo-sarcoma or osteofibroma; in the United States and Australia as lumpy jaw. He stated that if some of the pus was allowed to trickle down the side of a test tube held up to the light, if it contained any of the fungus masses they could easily be recognized as small black specks.

THE chief lessons derived from these records of actinomycosis are. The *Lancet* says, first the readiness with which the fungus may be detected in the discharges; next, the tendency of the growth to be localized and not disseminated; and, thirdly, the suggestion (in Dr. Ransom's case almost to certainty) of the etiology of the affection in cereals.

TO AVOID the danger of communicating diseases by vaccination, a French army surgeon recommends steel pens, unfinished, before the slit has been cut in, sharpened on one side on a stone. These may be purchased for about 7 cents per 100; one being used for each operation.