

The following singular case is copied from the September number of the *California Medical Gazette* :

A. A. C., attempted suicide at 1 A. M. on the morning of Thursday, August 12th, by shooting himself with a Deringer pistol, the weapon having been placed in the mouth and directed upwards. The ball passed through the palatine process of the superior maxillary bone, and crushed to the extent of its own diameter the base of the vomer, when its progress was arrested. It then fell back through the right nostril into the pharynx, was swallowed and discharged per anum by the action of a purgative, on the morning of the 14th inst. The hæmorrhage was profuse; he must have bled at least 50 or 60 oz.

The supposition must be, that a large portion of the powder with which the pistol was originally loaded, had escaped by the sides of the ball before it was discharged, thereby protecting the patient from instant death.

NEW RESEARCHES IN CEREBROSCOPY.

M. Bonchut, we learn from the *Union Médicale*, has just presented to the Academy of Sciences of Paris, through M. Dumas, his researches on Cerebroscopy, which he has offered for competition for the Montyon Prize in Medicine and Surgery. He epitomizes his conclusions as follows :—

“ The diseases of the spinal cord, such as acute myelitis, spinal sclerosis, locomotor ataxy, &c., produce usually a congestive lesion, and subsequent atrophy of the optic papilla.”

“ The lesions of the optic nerve produced by spinal disease are the result of a reflex ascending congestive action and they take place by the intercommunication of the great sympathetic.”

“ The presence of an hyperæmia of the optic nerve of a vascular diffusion over the papilla, and of a partial or total atrophy of this part coinciding with feebleness or numbness of the legs, indicates the existence of acute or chronic disease of the spinal cord.”

AMPUTATION OF A LION'S TAIL UNDER CHLOROFORM.

The *Madras Times* says :—“ We mentioned the other day the severe injury sustained by one of the young lions at the park from a mauling of its tail by one of the tigers in the adjoining compartment. At first there was reason to believe that no dangerous results would follow, but on Friday evening it was judged necessary that a portion, if not the whole, of the tail should be removed. Mr. Pritchard and Dr. Miller were requested to undertake the operation, which was successfully performed on Saturday morning by Dr. Miller under chloroform, of which five ounces