I will mention that of Mr. L., who was caught by a revolving band and hurted with great violence to an iron floor where his forehead struck a projecting iron bolt. causing a fracture of the frontal bone, and pushing some of the fragments into the brain. of the loose spiculae we removed and the membranes and brain were uncovered to the extent of a couple of The entire frontal bone was movable over the brain. The dura mater was lacerated and some of the brain pouted between its edges. about one dram of loose brain, irrigated the wound, united some of the tissues, inserted drainage tubes, and packed with gauze. patient was at first unconscious, but within a few hours regained sensible-He suffered no pain for thirtyeight days. He had no temperature. The wound closed fairly well; kept a portion of the wound open for drainage, as there was constant suppuration. Wound was irrigated daily and packed loosely with gauze. On the fortieth day the irrigation of the brain was followed by severe pain. Within twenty-four hours the rose to 106 degrees. temperature On the fortysecond day the patient died in deliri-Post mortem showed the breaking down of the white matter through the frontal lobe, and inflammation of a'most the entire brain.

In this case the laceration of the brain would not repair itself. injury existing in that latent region. the frontal lobe, there was no impairment of motion or of sensation for nearly forty days, at which time pain began, but was undoubtedly the result of inflammation through the brain. and pressure upon nerves leaving that organ. There was no impairment of memory until the elevation of temperature. I think the excruciating pain and inflammation following were caused principally by too forcible irrigation.

W. O., Fast Oak'and, aged 10, fe'l a considerable distance, striking a r ck and frac'uring the adjacent parts of the frontal, sphenoidal, temporal and parietal bones on the right side. They were depressed about an inch, causing complete unconsciousness. Used chloroform as an anaestheric and made a generous incision over the

part, and exposed the fractured skull. Trephined the frontal bone, the trephine only slightly overlapping the By the means of a fractured part. bone elevator, using the solid fron;al as a fulcrum, the entire depressed side of the skull was elevated to the proper Soon after ceasing the anaeslevel. thetic the patient regained consciousness. The periosteum was stitched with catgut and the external wound with silk. Drainage was kept up for two days, and patient left hospita! in ten, requiring no further treatment.

Mrs. E. aged 25. Epileptic; convul-Had no sears on scaln. sions daily. no depression of bone or pain about skull. Was gradually becoming unable to use her tongue, and could not articulate well. The tongue became clumsy, though the memory was ex-Placed her in the hospital, cellent. treated scalp antisceptically and manped out the fissure of Rolando on left Administered chloroform and made an oval incision over the fissure; the convexity being upwards and forward. Separated the periosteum from bone and trephined well down to the end of fissure. I cut the dura mater with trephine, examined brain, but could not distinguish anything ab-Packed the wound loosely normal. with gauze and bandaged. Did not remove the dressing until three days Irrigated with sterile had passed. water and redressed.

It was thought by myself and ascociates that the patient, up to this time. had improved in speech. On the fifth day, however, she could only speak indistinctly; on the sixth only a part of a sentence; on the seventh ouly a word; on the eighth not at There was no elevation in temperature or pulse; no change in pupil. The memory, as I learned afterwards, was excellent. Administered chloroform. opened flaps, removed with curette a large amount of necrotic granulation tissue; irrigated the wound gently but thoroughly cutside and inside of dura: dressed over dura with sterile gauze, outside of this iodoform gauze and ab-These were retained sorbent cotton. by a loose bandage. This dressing caused no pressure on brain, but app'ied only as an absorbent and protection to an open wound communicating with the brain.

On the first day following the dress-