

The lesion may be degeneration, hæmorrhage, softening or inflammation. From the amount of pain present in the above case the lesion is probably inflammatory. If the statement of the daughter is correct that convergent strabismus was present early, and was noticed before the ptosis, it would seem that the lesion began in the posterior nuclei first and extended by continuity forward. Fuchs thinks that the extension is usually from before backward. The pain may be accounted for by the proximity of the nucleus of the fifth nerve to that of the fourth. Another point of great interest is the evidence furnished by such a case of the division of the oculo-motor nucleus into a number of partial nuclei or of separate segments, each one of which corresponds to one of the muscles innervated by the oculo-motor nerve. In what order the individual partial nuclei follow each other is not absolutely known. It is established, however, that the several groups of cells are divided into large celled clumps which probably supply the extrinsic muscles, and clumps of smaller cells extending farther forward towards the third ventricle, and these give rise to fibres for the intrinsic muscles of the eyeball. In the present lesion the small cells have escaped, probably on account of their power of resistance.

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Desires to announce to the Profession that he is prepared to make Microscopical, Chemical and Bacteriological Analysis, as may be required, of Morbid Tissues, Tumors, Serous or Purulent Effusions, Curettings, Sputum, Urine, Blood, Stomach Contents, Throat Membranes or Secretions. Urethral or Vaginal Discharges, and to apply Widal's method for diagnosis of Typhoid Fever. He is also prepared to perform Autopsies, Medico-legal, or otherwise

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