

sonants are uttered indistinctly. In some cases the mouth is drawn well over by the power of the healthy muscles of the other side. The eye has a fixed stare, and the entire expression of the face is peculiar—sometimes comical. The exposure of the conjunctiva from inability to close the eyelids very often gives rise to a certain amount of conjunctivitis, but often not so much as would be feared. This is because during sleep the levator palpebrae muscle is very frequently so relaxed that the eyelids very nearly close. Smell is sometimes lost, or at all events perverted, due to the dry condition of the corresponding nostril, caused by the tears flowing over the cheek. Taste is also perverted, due to the conducting power being lost in a branch of the seventh nerve—the chorda tympani. Hearing is often abnormal, and is a result of paralysis of the stapedius muscle, which receives a branch of the facial, its antagonist, the tensor tympani, being no longer opposed, keeps the membrane on the stretch. The branch supplying the soft palate is often affected. In some cases the uvula is turned toward one side. Occasionally we meet with double facial paralysis, which has received the name of “diplegia facialis.” The whole face in these cases is expressionless and peculiar, at times very comical. Such cases are most generally due to a syphilitic gummata at the base of the brain, involving both nerves. The disease may come on suddenly or gradually—generally the former. When it comes on gradually the first indications of the disease is inability to spit or whistle—or he may find the face drawn to one side, with the other attendant symptoms when he gets up in the morning. In one of the most persistent cases of this disease which I have ever had—the patient had been rowing on Lake George late of a moonlight evening, and reached his hotel about midnight. He was overheated and sat at an open window to cool off. He retired perfectly well, but, when he rose in the morning to proceed to Montreal, this form of paralysis was fully developed. It was several months before it disappeared.

*Diagnosis.*—The diagnosis of peripheral facial paralysis