reading of angiogram. We experienced such a case that the extravasation was only a sign suggesting hematoma, and subsequent trepanation disclosed an extradural clot.

0. Spinal Cord and Peripheral Nerves

0-1. Two Cases of Unilateral Trigeminal Neuralgia with Basilar Impression—Special Reference to Paget’s Disease

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Two cases of unilateral trigeminal neuralgia are described, each associated with basilar impression. Case 1; Unilateral trigeminal neuralgia with basilar impression due to Paget’s disease. M.K., A woman, aged 61, was admitted Oct. 4, 1967, complaining of paroxysmal pain of 3 years’ duration, with right lower third of the face. Pain was induced by eating. A few days before admission,
pain has been so severe that she could not eat anything and her nutrition had suffered. Skull films disclosed Paget's disease with basilar impression. The serum calcium is normal, but the alkaline phosphatase contained in the serum was 136 KA units. In Oct. 30, 1967, Spiller-Frazier procedure was carried out. Exposure of the sensory root was accomplished with difficulty and the Gasserian ganglion could not be exposed because of a upward tilt of the petrous ridge. The neurotomy on the third branch diatal to the Gasserian ganglion resulted complete relief of pain. A microscopic section of a fragment from skull shows a typical mosaic

Case 1. The left vertebral angiogram discloses a marked upward and dorsal displacement of basilar artery at the pontine region.

with basilar impression. B.A., a woman, aged 54, was seen in Apr. 22, 1967 with a onset of tic doublourenx in the left first and second division. The paroxysms were precipitated by washing the face. The lateral ,lms in this case showed basilar impression with the top of the dens 9 mm. above McGregor's line. In case 1, the left vertebral angiogram discloses a marked upward and dorsal displacement of basilar artery at the pontine region. Summary: We suggested that compres-
sion and traction of the nerve root may occur in some cases as the result of a relative upward displacement of the petrous apex due to basilar impression. The case of trigeminal neuralgia with basilar impression is uncommon. The Osteitis deformans (Paget) is extremely rare in Japan, and the 1st case of trigeminal neuralgia with basilar impression due to it was reported. We discussed some tiological relationship between basilar impression and trigeminal neuralgia.