hematoma initiated by the procedure of subdual aspiration.

Discussion to j-4.

Evacuation with Subcutaneous Puncture of Particular Extradural Hematoma in Infancy

Hideo AOKI

2nd Surgical Department, Yamaguchi University Medical School

It has been generally accepted that the extradural hematoma consists of coagulated blood, while liquid or semi-liquid contents were encountered in rare occasion n chronic cases. On the other hand, in infancy such liquid extradural hematoma in association with skull fracture is not so rare as seen in adult. Moreover, in this condition the communication of the extradural hematoma with the subcutaneous one takes place through the slit of the skull fracture. Craniotomy and evacuation of the hematoma as the treatment of the conventional case has been carried out in this particular case. We attempted, however, the non-operative treatment in two of such unusual cases.

A 8 year-old boy was admitted in our clinic and was treated successfully by means of non-operative method: that is, repeated evacuation of subgaleal hematoma was performed on alternate days, then the avascular area observing over the right parieto-temporal refion on antero-posterior view of the carotid angiogram was almost disappeared after 13 days. No neurological or electro-encephalographical abnormalities have been found during 6½ years following the treatment. Another case, 2 year-old girl who had been treated by same manner also showed satisfactory result.

We believe therefore, in this particular case the non-operative treatment as mentioned above is the most preferable method. Consequently the operative treatment may be carried out on the limited patient showed no curative effect by puncture method.

---

j-5. Head Injury in Childhood

Katsuji NAKAGAWA and Toshio SHIZAWA

Neurosurg. Clin., Tachikawa Hospital

Chikao IZUMI and Masayuki WATANABE

Neurosurg. Clin., The 2nd Tokyo National Hospital

Shigemaru MIKOUCHI and Kunio FUKASE

Hibiya Hospital

Hideyuki HIRAI

Neurosurg. Clin., Kanagawa Ambulance Center

During past several years 743 head injuries in children under 15 years old