CUBO-NAVICULAR SYNOSTOSIS

A Rare Tarsal Anomaly

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Although tarsal anomalies have been known for years, their correlation with spastic flat foot has drawn special attention to them. Calcaneo-navicular fusion and talo-calcaneal bridge are the most important, and then comes talo-navicular synostosis. Rare cases of cuneo-cuboid, cuneo-metatarsal and calcaneo-cuboid fusion have been reported, but we have found only one reference to cubo-navicular coalition (Waugh 1957) and in that case the fusion was incomplete. The following case, which we encountered in 1955, seems to be the first reported example of complete cubo-navicular fusion.

CASE REPORT

A man of forty-three sustained mild violence to both feet. Examination did not show any evidence of important damage. Only moderate cavus deformity was noted, with slight limitation of inversion and eversion.

Radiographs disclosed a complete cubo-navicular synostosis in the left foot and a synchondrosis in the right.

Pain disappeared after a few days’ rest. There was no sign of peroneal spasm.

Comment—Although the radiographic appearance of our patient’s right foot was like that of Waugh’s (1957) patient the clinical picture was different.

REFERENCE