months interval.

We have got impressions as follows. 1) It is necessary to evacuate the bowels or cleansing enema prior to scanning. 2) Positive scintigram is hardly obtained after starting the treatment. 3) It is rather unprofitable to identify abnormal lymph nodes in the retroperitoneal region by 67-Ga citrate scanning except for extremely large one. 4) 67-Ga citrate scanning is quite avirable for blind portions by lymphography such as upper abdominal area, intraperitoneal cavity and so on.

Reticulosarcoma of the Orbit: Report of a Case with a Positive Scintigram

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A 62-year-old man was admitted to this hospital on May 11, 1972 with the chief complaint of protrusion of the right eye of seven months duration.

He had foreign body sensation in the right eye after tiny pieces of broken concrete plunged into his right eye while working on October 20, 1971. He was treated by an ophthalmologist until November 11, 1971, when he first noticed swelling of the right eye. He was then referred to a University Hospital. A tumor in the right antrum was suspected, and he was operated on for the suspected tumor. Exploration of the right antrum by an otolaryngologist did not disclose any tumor. The right orbit enlarged progressively, and pain in the right eye increased. He lost his sight on the right in January, 1972.

He was discharged in February, 1972 from the hospital by his desire. He was treated by another ophthalmologist for a while, and then referred to the Department of Ophthalmology of our hospital in May, 1972. He was admitted immediately.

On admission his right eye was markedly protruded as well as mass in the right orbit. The color of the skin in the region was dark violet. There was no generalized lymphadenopathy. CBC was within normal limits. The carotid angiogram showed no tumor vessels, nor tumor stain in the orbit.

The brain scintigram employing $^{99m}$Tc per-technetate (10 mCi) showed a marked hot area in the right orbit. Frontal view was obtained with the head of scintillation camera turned cephalad like a reversed Towne view so that the orbit will be projected clearly. Both lateral views also showed the difference of uptake of the radioisotope.

Biopsy of the tumor disclosed that the mass was reticulosarcoma.