A 65-year-old male with the diagnosis of multiple myeloma and squamous cell carcinoma of larynx was evaluated for bone metastases. He underwent a whole body bone scintigraphy after an i.v. injection of 740 MBq of Tc-99m MDP. On the static images increased uptake of activity was observed in his right hand (fig. 1). The unusual localization and pattern of the images had given rise to the suspicion of metastasis and reflex sympathetic dys-
trophy. A consecutive bone X-ray graphy (fig. 2) showed no abnormality. The authors decided to repeat the scintigraphy with an injection on the dorsum of the foot. The repeated three phase scintigraphy was normal (fig. 3) so the increased Tc-99m MDP uptake seen on the first scan (fig. 1) has been contributed to the intra arterial injection (radial artery) of the tracer.

REFERENCES

