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References
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Superior Vena Cava Obstruction and Increased Radiocolloid
Activity on Liver Scintiphotos

Recent case reports in the Journal of Nuclear Medicine have recorded the unusual occurrence of focal increases in radiocolloid activity on liver scintiphotos (1—3). We have recently observed two additional such cases. Both patients presented with superior vena cava obstruction secondary to metastatic carcinoma. In each case static and dynamic scintiphotos demonstrated focal areas of increased colloid at the junction of the right and left hepatic lobes (Fig. 1).

Four of five previously reported cases of radiocolloid “hot spots” have also been associated with metastatic carcinoma and superior vena cava obstruction. The fifth case was due to a hemangioma (4). Cavai portal shunting due to vena cava obstruction would appear a likely mechanism for this phenomenon (2). Metastatic tumors do not contain Kupffer’s cells and “colloid-concentrating” metastatic tumors have yet to be documented.

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References

Errata

In the Works in Progress abstract entitled “111In-
Dium-Bleomycin: A New Radiopharmaceutical for
Tumor Scintigraphy” (J Nucl Med 14: 641, 1973) Melvin J. Silverstein should be added to the list of authors. The correct sequence of authors is: Ramesh C. Verma, Leslie R. Bennett, Juan J. Touya, Melvin J. Silverstein, Donald L. Morton, and Ewa Witt.