

TABLE 2. TYPE OF REACTION

Radiopharmaceutical	Pyrogens or nonsterility	Toxic or pharmacologic effect	Radiation effect	Allergic or idiosyncratic	Other	Total
^{99m} Tc-sulfur colloid	12	4		11	2	29
^{113m} In-colloid	1	3		18		22
¹³¹ I-IHSA (intrathecal)	4	1		3	11	19
¹³¹ I-iodohippurate		1		9	4	14
¹³¹ I-Nal (therapeutic)			2	3	7	12
^{113m} In-aggregates		3		9		12
^{99m} Tc-MAA				7		7
^{99m} Tc-pertechnetate				4		4
¹³¹ I-MAA				2	2	4
^{99m} Tc-iron hydroxide		1			3	4
⁸⁶ Sr-nitrate	3					3
³² P-chromic phosphate		1	1	1		3
²⁰⁰ Hg-chlormerodrin				3		3
¹⁹⁸ Au-colloid				2		2
¹³¹ I-Nal (diagnostic)				2		2
^{99m} Tc-DTPA					1	1
^{113m} In-DTPA				1		1
Totals	20	14	3	75	30	142

after injection. This is the only definite radiopharmaceutical related fatality noted. Three deaths following radioiodine therapy with ¹³¹I are questionably associated with the radiopharmaceutical.

Of interest is a relatively large number of reactions to ¹³¹I-o-iodohippurate. These consisted of a feeling of weakness or dizziness at about the conclusion of the study. Most of the reactions were attributed to the emotional state of the patient but a pharmacologic effect of the drug cannot be excluded.

The incidence of reactions is very low, particularly in comparison with reactions to radiographic contrast media. For instance, the incidence of reactions to intravenous urography was 4.6–8.53%, to intravenous cholangiography from 7.5–15.3%, and for various types of angiography 0.4–1.7% (Shehadi

WH: *Amer J Roentgen* 97: 762, 1966). These are equivalent to one reaction for every 6.5–250 examinations.

We would like to urge all users of radiopharmaceuticals to maintain adequate records of utilization and of adverse reactions. These should be sent into the Society of Nuclear Medicine, 211 East 43rd Street, New York, New York 10017 on the appropriate forms which can be obtained from the Society office.

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ERRATUM

In the article entitled "Lower normal values for ¹³¹I thyroid uptake not related to the ingestion of white bread," *J Nucl Med* 12: 743, 1971, the units

of measurement for iodine values should read "μg" (microgram) instead of "mg" (milligram) throughout.