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Iodixanol

National Cancer Institute

Source

National Cancer Institute. *Iodixanol*. NCI Thesaurus. Code C65931.

A dimeric iso-osmolar, non-ionic, hydrophilic iodinated radiocontrast agent used in diagnostic imaging. Upon intravascular administration and during computed tomography (CT) imaging, iodixanol blocks x-rays and appears opaque on x-ray images. This allows body structures that absorb iodine to be visualized. The degree of opacity produced by iodixanol is directly proportional to the total amount of the iodinated contrast agent in the path of the x-rays. The visualization of body structures is dependent upon the distribution and elimination of iodixanol. Compared to other iodinated contrast agents, iodixanol appears to exhibit less nephrotoxicity.