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Carbogen

National Cancer Institute

Source

National Cancer Institute. *Carbogen*. NCI Thesaurus. Code C1038.

An inhalant consisting of hyperoxic gas (95%-98% oxygen and 2%-5% carbon dioxide) with radiosensitizing properties. Inhaled carbogen reduces diffusion-limited tumor hypoxia, increasing tumor radiosensitivity due to the increased availability of molecular oxygen for cytotoxic radiation-induced oxygen free radical production. (NCI04)