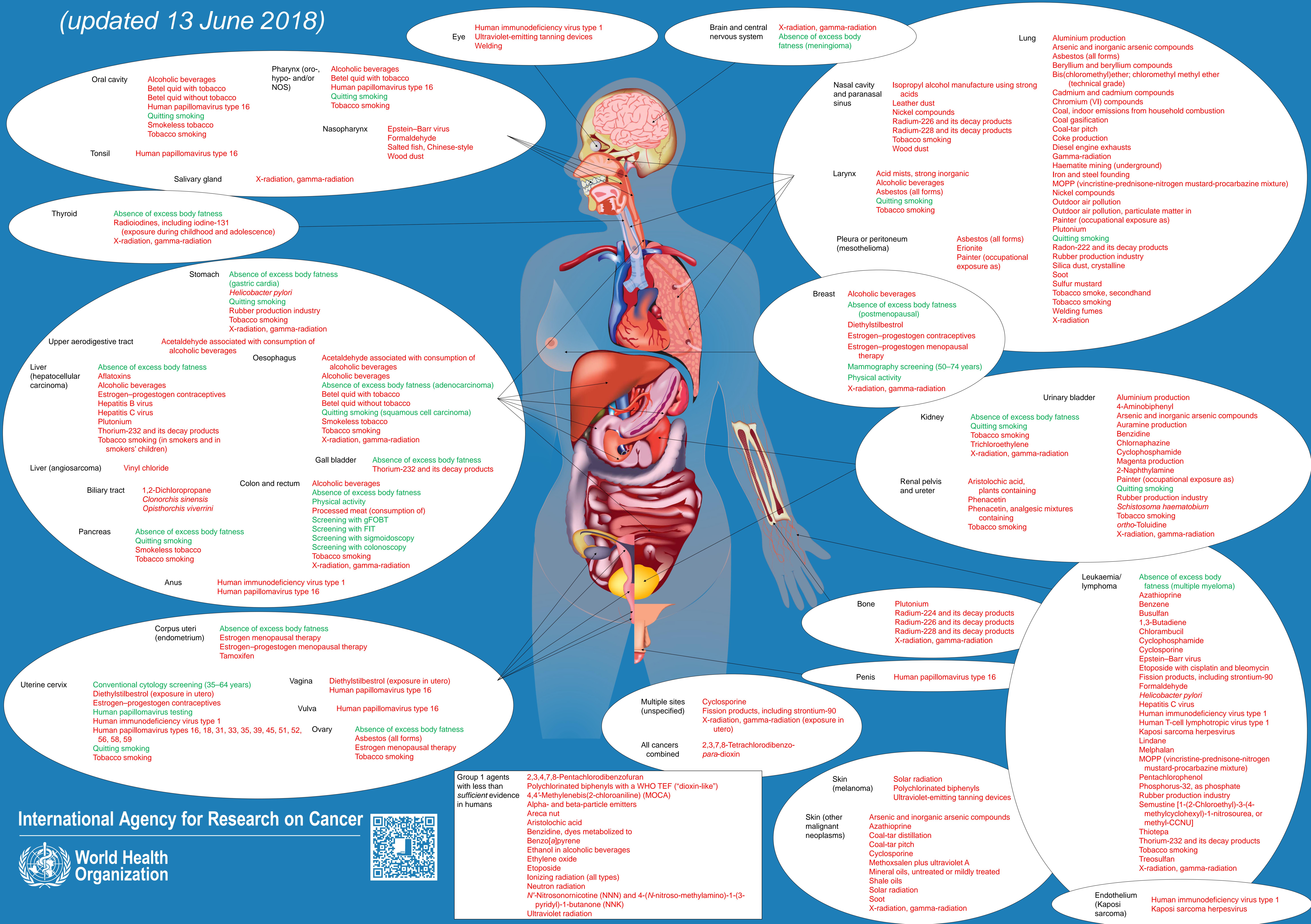


IARC Monographs of Carcinogenic Hazards to Humans and Handbooks of Cancer Prevention

(updated 13 June 2018)



International Agency for Research on Cancer



Group 1 agents with less than sufficient evidence in humans

- 2,3,4,7,8-Pentachlorodibenzofuran
- Polychlorinated biphenyls with a WHO TEF ("dioxin-like")
- 4,4'-Methylenebis(2-chloroaniline) (MOCA)
- Alpha- and beta-particle emitters
- Areca nut
- Aristolochic acid
- Benidine, dyes metabolized to
- Benzo[a]pyrene
- Ethanol in alcoholic beverages
- Ethylene oxide
- Etoposide
- Ionizing radiation (all types)
- Neutron radiation
- N'-Nitrosomnicotine (NNN) and 4-(N-nitroso-methylamino)-1-(3-pyridyl)-1-butanone (NNK)
- Ultraviolet radiation