

The invention refers to medicine, in particular to oncology and may be used for determination of necrosis depth in case of treatment of the skin and inferior lip cancer.

Summary of the method consists in that it is determined the necessary depth for the tumor necrosis depending on the tumor's characteristics, then it is determined the necrosis radial velocity for the necrosis optimal temperature $T_N = -20^{\circ}\text{C}$, depending on the cryogen temperature and according to the used cryogen it is determined its action time by the following relation:

$$L_N = b \cdot t$$

where

L_N – the necessary depth for necrosis tumor (mm),

b – the necrosis radial velocity (mm/min^2),

t – the cryogen action time (min).

Claims: 1