

The invention relates to medical-biological researches and treatment by SHF- therapy. The device for irradiation of biologic fluid using by electromagnetic waves comprises an axial hole and an axial cavity with help of a cylindrical tank with fluid for exposure. The device also comprises an electromagnetic emitter connected to an irradiator via a wave guide. Diameters of the tank and the resonator are correlated with the wavelength. The technical result is increase of uniformity of irradiation, substantial integrity reduction of irradiated fluid sterility, increase of exposure dosing accuracy, decrease of service personnel exposure.