

**Figure 1:** (a)First-generation neuroelectrostimulation device consisted of a hand-held probe, tipped with stainless steel electrodes, and a console that housed a battery and the electronic signal-generating power source (b)The probe was applied to the intra-oral mucosal surfaces by the user (between the dorsum of the tongue and palate)

 

**Figure2:** Second-generation removable device consists of three components: A miniaturized electronic stimulator that has a signal generator, power source and conducting circuitry; an intraoral removable appliance; and an infrared remote control. The miniaturized electronic stimulator is mounted in a removable intraoral appliance; which is under remote control that activates the stimulator.



**Figure3:** Third-generation implant-supported neuroelectrostimulating device can be permanently applied into the oral cavity as it can be screwed onto an osteo-integrated dental implant inserted in the third molar area.