

25th Euro Congress and Expo on

DENTAL & ORAL HEALTH

October 16-18, 2017 | Budapest, Hungary

Use of magnetic nanoparticle heating in the treatment of tumour

Beenish Khalil Rana

Riphah International University, Islamabad, Pakistan

The use of magnetic heating by magnetic nano particles is a promising technique for the invasive elimination of small tumours. The approach works on the key principle of selective and refined tuning of the degree to which the energy is deposited thus allowing an adequate temperature control at the target gaining its advantage as the most conservative technique. In the present study, the biophysical basis of the approach has been done along with the preparation and structural properties of the magnetic particles with their safety of use. Results with the model targets are reported

beenishkhalil@hotmail.com

Notes: