



# DR. VIVEK GAUR

M.D.S.

TOPIC

## “Redefining Treatment of Atrophic Jaws”

### ➤ PROFILE

- He is a graduate from Manipal University.
- After completing his PG cert. in advanced implants, Manipal, India in 2003, he completed Diploma in advanced implants, zest, Holland in 2004.
- He has been trained in advanced grafting course from Valladolid, Spain, Immediate Functional Loading, Milan, Italy and basal implants, India, Hungary, Serbia, Bulgaria, Zurich.
- He has been a keynote speaker in several cortical osseointegration implant symposiums.
- He did his Master clinician programme in implants from UCLA, Los Angeles, USA. He is International teacher of strategic implantology at Munich.

Most of the classifications based on atrophic jaws are based on alveolar/cancellous bone which is already lacking in atrophic situation. In order to treat atrophic jaws functionally we need to have support of cortical/buttruss/basal bone. Contrary to popular belief the maxilla has the maximum prognosis when compared to the mandible as it has good cortical and buttrusses support.

Another important and most neglected aspect is that there should be protocols to avoid or minimize reflection of mucoperiosteal flap as the cambium layer has least pluripotent cells needed for bone regeneration.

Thus, a specific design of implants like “lag screw” being smooth surface solves all the restrictions and when splinted following flapless and atraumatic protocol. These can be loaded for immediate function, nevertheless keeping correct occlusion concepts as foremost standard for the success of the system to be restored aesthetically and functionally is of primary importance.