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**The ABC of Basal Implantology**

Dental implants have always been a preferred choice as far as the prosthetic rehabilitation is concerned. Success of the prosthodontic treatment relies on the proclivity of dental implants in comparison to other prosthetic rehabilitation modalities i.e. removable and fixed. Although, the endosseous implants have always been a conventional treatment modality, the concept of BIG B i.e. Basal Implants in Dentistry is not a new one. They have been termed in a way keeping in view the length of the implant since they have greater length as compared to the crestal implants. Basal implants have always been in controversy with the conventional crestal implants keeping in view the active evidence based practices going on day-to-day basis.

In conventional implantology (Implants are referred to as crestal-type implants since they are inserted into the jaw bone coming from the crestal alveoli and whose main load-transmitting surfaces are vertical. The BIG B or Basal implantology has been given so many names in the past. It is also known as bicortical implantology, cortical implantology, bicortical, multicortical, corticobasal and very recently BIPS (Bone Implant Prosthetic System) is a modern implantology system which involves lateral or axial placement of the dental implants into the basal bone. The basal bone i.e. the framework of the human body provides excellent quality cortical bone as well as resistance to resorption has been the bone of choice while engaging the implants.

**Keywords:** dental implant, basal implant, basal bone, long implant, BOI, BCS

**Biography:**

Dr. Arpit Sikri [BDS (Gold Medallist), MDS (Prosthodontics), PGDHM, DWCOI] is currently working as Associate Professor & Post Graduate Teacher in the Department of Prosthodontics, Bhojia Dental College & Hospital, Baddi, Himachal Pradesh, India. He had earlier worked as Senior Resident in the most prestigious dental institute of the country i.e. Maulana Azad Institute of Dental Sciences, New Delhi, India. He had also worked as Senior Lecturer in Santosh Dental College, Santosh Deemed to be University, Ghaziabad (Delhi NCR) & Senior Lecturer in Sudha Rustagi College of Dental Sciences & Research, Faridabad, Haryana, India. He is the youngest dental surgeon of India to have completed his Post Graduate Diploma in Hospital Management from National Institute of Health and Family Welfare (NIHFW, New Delhi) and that too with distinction. He has also been conferred with Diplomate Fellowship in the field of implantology by World Congress for Oral Implantology (WCOI), Tokyo, Japan. Throughout his academic career, he had been awarded with gold medals being the Topper of the University, back to back. He has authored a book on "Oral Pathology" under Scientific Medtech publishers. He has to his credit around 28 books under Lambert Academic Publishing (LAP) and more than 100 national as well as international publications in various reputed journals. He is the Editor of Webmed Central, Associate Editor of Current Dental Research Journal and Assistant Editor of Asia Pacific Dental Journal & I-Dentistry journal. He is on the panel of various national and international journals as an editorial board

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member. Apart from this, he is also an active reviewer for various journals. He is actively associated with various associations namely IPS, IDA, IDRR, AHA, etc. He has been recently appointed as “General Secretary” of Oral Maxillofacial Implantology Council of India (OMICI) by DenTrenz Careers. He has presented keynote guest lectures and faculty presentations in various national & international conferences. He also presented paper as well as poster presentations in various conferences, many of which were highly appreciated and awarded. He is also known for his organization skills since he has been actively associated as organizing committee member for various conferences. Moreover, he is the youngest dental surgeon of the World to have been appointed as Chairman, Organizing Committee of the DenTrenz 3 in 1 International Virtual Dental Conference 2020. He is the Council Member of Gergson Lehrmann Group (GLG). He had been the President of NDDSF (dental society) from Punjab State. He has also contributed in various books like Textbook of Conservative & Restorative Dentistry, Textbook of Endodontics, Indirect Restorations, Target MDS MCQ's, Dental Matrix, Brahmastra, AIIMS 25 etc. He has been also conferred with many awards namely IDA Profile of the Month 2011, Budding Dentist Award 2010, Dental Youth Icon 2009, Student Ambassador and Mentor by the publishing group “Elsevier” and “The Best Post Graduate Student in Prosthodontics in India” in 2016. He has been recently awarded as “The Most Dynamic Dentist of the year 2021” during the Next Den Gen Awards 2021 where he was also appointed as the Guest of Honour and esteemed jury member. Earlier, he was awarded “Doctor's Excellency Icon Award 2020” for excellent work in the field of dentistry by Geniuses World Records on the occasion of National Doctor's Day i.e. 1st July 2020 & Global Outreach Healthcare Award 2020 under the category “Associate Editor of the Year” for exemplary work in the field of research by Global Outreach Medical & Health Association (GOMHA). He has recently been conferred with the Appreciation Award for commitment and dedication to the field of dentistry on the occasion of International Dentist's Day i.e. 6th March 2021 by team CynoDent (Global Healthcare for all). He was also awarded and honoured by the then Chief Minister of Punjab (Sh. Prakash Singh Badal) for securing highest marks during BDS 1st professional university examinations. He was also awarded with IDA Colgate scholarships and RN Kukar merit award throughout his academic career. Apart from the academics, he is actively associated with sports and cultural activities also. He had been a national level player of Table Tennis and won many awards for the same. He has also won medals for various sports events held in conferences, intra-college as well as inter-college level.