Documentación sobre Connective Contour
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Connective Contour™: aumento del volumen y del área de contacto de los tejidos blandos

Una de las características básicas del Astra Tech BioManagement Complex™ es el Connective Contour™. Este contorno único incrementa el volumen y la zona de contacto del tejido blando, y se crea al conectar el pilar al implante. Este diseño forma parte del Astra Tech Implant System™ desde 1985, por lo que toda la documentación clínica disponible sobre los implantes Astra Tech incluye resultados sobre esta característica básica. Esta revisión se centra en la documentación que evalúa el tejido periimplantario ya que obtener un buen resultado a nivel de tejidos blandos es esencial para la estética a largo plazo.

El tejido blando periimplantario está en contacto directo con el Connective Contour [1–3] y como resultado de la habilidad de soportar cargas y movimientos externos se consigue una elevada estabilidad mecánica de este tejido. El aumento del volumen de tejido blando conlleva una reducción de la translucencia en vestibular con lo que se mejora la estética. Otro beneficio del Connective Contour es la habilidad del tejido blando periimplantario formado para sellar y proteger el hueso marginal [2].

La anchura sugerida del tejido blando periimplantario (es decir, el espacio biológico) es de unos 3 mm, incluyendo el epitelio de unión, que requiere hasta 2 mm [1, 4–9]. El diseño del Connective Contour permite el establecimiento de un espacio biológico sano, requisito previo para un hueso marginal estable*. Varios estudios clínicos con el Astra Tech Implant System reportan buenos resultados estéticos y satisfacción de los pacientes [10–28]. Mediante una cuidadosa selección de los pilares se puede conseguir una estética excelente y mantenida, incluyendo una estable o incluso aumentada dimensión de los tejidos blandos y de la altura de papilas [10–19, 21, 28–36].

*Para más información sobre la literatura relativa al mantenimiento de los niveles de hueso marginal con el Astra Tech Implant System, consulte la revisión científica sobre mantenimiento de hueso marginal.

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Referencias

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1. Abrahamsson I, Berglundh T, Wennström J, Lindhe J. The peri-implant hard and soft tissues at different implant systems. A comparative study in the dog. Clin Oral Implants Res 1996;7(3):212-19.

2. Moon IS, Berglundh T, Abrahamsson I, Linder E, Lindhe J. The barrier between the keratinized mucosa and the dental implant. An experimental study in the dog. J Clin Periodontol 1999;26(10):658-63. ID No. 75158

3. Welander M, Abrahamsson I, Berglundh T. The mucosal barrier at implant abutments of different materials. Clin Oral Implants Res 2008;19(7):635-41.

4. Abrahamsson I, Berglundh T. Tissue characteristics at microthreaded implants: an experimental study in dogs. Clin Impl Dent Rel Res 2006;8(3):107-13. ID No. 78779

5. Abrahamsson I, Berglundh T, Moon IS, Lindhe J. Peri-implant tissues at submerged and non-submerged titanium implants. J Clin Periodontol 1999;26(9):600-7. ID No. 75160

6. Abrahamsson I, Berglundh T, Sekino S, Lindhe J. Tissue reactions to abutment shift: an experimental study in dogs. Clin Impl Dent Rel Res 2003;5(2):82-8. ID No. 79027

7. Collaert B, De Bruyn H. Early loading of four or five Astra Tech fixtures with a fixed cross-arch restoration in the mandible. Clin Impl Dent Rel Res 2002;4(3):133-5. ID No. 78384

8. Lee DW, Park KH, Moon IS. Dimension of interproximal soft tissue between adjacent implants in two distinctive implant systems. J Periodontol 2006;77(6):1080-4.

9. de Sanctis M, Vignoletti F, Discepoli N, Munoz F, Sanz M. Immediate implants at fresh extraction sockets: an experimental study in the beagle dog comparing four different implant systems. Soft tissue findings. J Clin Periodontol 2010;37(8):769-76.

10. Cooper L, Felton DA, Kugelberg CF, et al. A multicenter 12-month evaluation of single-tooth implants restored 3 weeks after 1-stage surgery. Int J Oral Maxillofac Implants 2001;16(2):182-92. ID No. 75410

11. Cooper LF, Ellner S, Moriarty J, et al. Three-year evaluation of single-tooth implants restored 3 weeks after 1-stage surgery. Int J Oral Maxillofac Implants 2007;22(5):791-800. ID No. 78988

12. De Kok IJ, Chang SS, Moriarty JD, Cooper LF. A retrospective analysis of peri-implant tissue responses at immediate load/provisionalized microthreaded implants. Int J Oral Maxillofac Implants 2006;21(3):405-12. ID No. 78727

13. Cooper LF, Moriarty JD, Guckes AD, et al. Five-year prospective evaluation of mandibular overdentures retained by two microthreaded, TiOblast nonsplinted implants and retentive ball anchors. Int≈J Oral Maxillofac Implants 2008;23(4):696-704.

14. Gotfredsen K. A 5-year prospective study of single-tooth replacements supported by the Astra Tech implant: a pilot study. Clin Impl Dent Rel Res 2004;6(1):1-8. ID No. 78273

15. Palmer RM, Farkondeh N, Palmer PJ, Wilson RF. Astra Tech single-tooth implants: an audit of patient satisfaction and soft tissue form. J Clin Periodontol 2007;34(7):633-8. ID No. 78941

16. Lops D, Chiapasco M, Rossi A, Bressan E, Romeo E. Incidence of inter-proximal papilla between a tooth and an adjacent immediate implant placed into a fresh extraction socket: 1-year prospective study. Clin Oral Implants Res 2008;19(11):1135-40. ID No. 79132

17. Valentini P, Abensur D, Albertini JF, Rocchesani M. Immediate provisionalization of single extraction-site implants in the esthetic zone: a clinical evaluation. Int J Periodontics Rest Dent 2010;30(1):41-51.

18. Stanford CM, Wagner W, Rodriguez YBR, et al. Evaluation of the effectiveness of dental implant therapy in a practice-based network (FOCUS). Int J Oral Maxillofac Implants 2010;25(2):367-73.

19. Lee DW, Huh JK, Park KH, et al. Comparison of interproximal soft tissue height for single implants and contra-lateral natural teeth. Clin Oral Implants Res 2009;20(12):1320-25.

20. Raes F, Cooper LF, Tarrida LG, Vandromme H, De Bruyn H. A case-control study assessing oral-health-related quality of life after immediately loaded single implants in healed alveolar ridges or extraction sockets. Clin Oral Implants Res 2011;E-pub April 19, 2011 doi: 10.1111/j.1600-0501.2011.02178.x.

21. Raes F, Cosyn J, Crommelinck E, Coessens P, De Bruyn H. Immediate and conventional single implant treatment in the anterior maxilla: 1-year results of a case series on hard and soft tissue response and aesthetics. J Clin Periodontol 2011;38(4):385-94.

22. Dierens M, Collaert B, Deschepper E, et al. Patient-centered outcome of immediately loaded implants in the rehabilitation of fully edentulous jaws. Clin Oral Implants Res 2009;20(10):1070-77.

23. Hosseini M, Gotfredsen K. A feasible, aesthetic quality evaluation of implant-supported single crowns: an analysis of validity and reliability. Clin Oral Implants Res 2012;23(4):453-8.

24. Erkapers M, Ekstrand K, Baer RA, Toljanic JA, Thor A. Patient satisfaction following dental implant treatment with immediate loading in the edentulous atrophic maxilla. Int J Oral Maxillofac Implants 2011;26(2):356-64.

25. Ponsi J, Lahti S, Rissanen H, Oikarinen K. Change in subjective oral health after single dental implant treatment. Int J Oral Maxillofac Implants 2011;26(3):571-77.

26. Rismanchian M, Fazel A, Rakhshan V, Eblaghian G. One-year clinical and radiographic assessment of fluoride-enhanced implants on immediate non-functional loading in posterior maxilla and mandible: a pilot prospective clinical series study. Clin Oral Implants Res 2011;22(12):1440-5.

27. Tsuda H, Rungcharassaeng K, Kan JY, et al. Peri-implant Tissue Response Following Connective Tissue and Bone Grafting in Conjunction with Immediate Single-Tooth Replacement in the Esthetic Zone: A Case Series. Int J Oral Maxillofac Implants 2011;26(2):427-36.

28. Mertens C, Steveling HG. Early and immediate loading of titanium implants with fluoride-modified surfaces: results of 5-year prospective study. Clin Oral Implants Res 2011;22(12):1354-60.

29. Palmer RM, Palmer PJ, Smith BJ. A 5-year prospective study of Astra single tooth implants. Clin Oral Implants Res 2000;11(2):179-82. ID No. 75352

30. Donati M, La Scala V, Billi M, et al. Immediate functional loading of implants in single tooth replacement: a prospective clinical multicenter study. Clin Oral Implants Res 2008;19(8):740-48. ID No. 79065

31. DeAngelo SJ, Kumar PS, Beck FM, Tatakis DN, Leblebicioglu B. Early soft tissue healing around one-stage dental implants: clinical and microbiologic parameters. J Periodontol 2007;78(10):1878-86.

32. Nisapakultorn K, Suphanantachat S, Silkosessak O, Rattanamongkolgul S. Factors affecting soft tissue level around anterior maxillary single-tooth implants. Clin Oral Implants Res 2010;21(6):662-70.

33. Cooper LF, Raes F, Reside GJ, et al. Comparison of radiographic and clinical outcomes following immediate provisionalization of single-tooth dental implants placed in healed alveolar ridges and extraction sockets. Int J Oral Maxillofac Implants 2010;25(6):1222-32.

34. Kwon HJ, Lee DW, Park KH, Kim CK, Moon IS. Influence of the tooth- and implant-side marginal bone level on the interproximal papilla dimension in a single implant with a microthread, conical seal, and platform-switched design. J Periodontol 2009;80(9):1541-7.

35. Lops D, Mosca D, Muller A, et al. Management of peri-implant soft tissues between tooth and adjacent immediate implant placed into fresh extraction single socket: a one-year prospective study on two different types of implant-abutment connection design. Minerva Stomatol 2011;60(9):403-15.

36. Koutouzis T, Koutouzis G, Tomasi C, Lundgren T. Immediate loading of implants placed with the osteotome technique: One-year prospective case series. J Periodontol 2011;82(11):1556-62.

Astra Tech S.A., Calle Ciencias n° 73 derecha. Nave 9, Polígono Industrial Pedrosa, 08908 L´Hospitalet de Llobregat, Barcelona
☎ Servicio att. al cliente: +34 902 101 558 +34 933 362 425 www.astratechdental.es