



## IMPLANTS: TILTED IMPLANTS

<p><a href="#">Axial and tilted implant surgical technique assisted by an autonomous dental implant robot: A clinical report</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]</p>	J Prosthet Dent 2025; 134 (5): 1404-1409
<p><a href="#">Accuracy of an autonomous dental implant robotic system in placing tilted implants for edentulous arches</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]</p>	J Prosthet Dent 2025; 134 (5): 1813-1819
<p>Implant failure and marginal bone loss between axial and tilted implants: An umbrella review with meta-analysis [can be accessed on DOSS free by logging in <a href="#">on this page</a>]</p>	Int J Oral Maxillofac Implants 2024; 39 (6): 875-883
<p>A finite element analysis to study the stress distribution on distal implants in all-on-six treatment concepts as affected titled and short implant [can be accessed on DOSS free by logging in <a href="#">on this page</a>]</p>	J Oral Implantol 2024; 50 (3): 245-253
<p><a href="#">Impact of tilted implants for implant-supported fixed partial dentures: A systematic review with meta-analysis</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]</p>	J Prosthet Dent 2024; 132 (5): 890-7
<p><a href="#">Clinical outcomes of full-arch immediate fixed prostheses supported by two axial and two tilted implants: A retrospective cohort study with 12-15 years of follow-up</a></p>	Clin Oral Implants Res 2023; 34 (4): 351-366
<p><a href="#">Biomechanical analysis of stress around the tilted implants with different cantilever lengths in all-on-4 concept</a></p>	BMC Oral Health 2022; 22: Art 469
<p>Outcomes of fixed full-arch rehabilitations supported by tilted and axially placed implants: A systematic review and meta-analysis [can be accessed on DOSS free by logging in <a href="#">on this page</a>]</p>	Int J Oral Maxillofac Implants 2022; 37 (5): 1003-1025
<p>Comparison of extramaxillary anchored implants, tilted implants, or sinus elevation concepts on stress distribution in atrophic maxilla: A finite element analysis [can be accessed on DOSS free by logging in <a href="#">on this page</a>]</p>	Int J Oral Maxillofac Implants 2022; 37 (3): 563-570
<p>A digital technique to manage restoration of severely tilted adjacent implants [Accessible from the Wiley link <a href="#">on this page</a>]</p>	J Prosthodont 2022; 31 (5): 447-451
<p><a href="#">Accuracy of intentionally tilted implant placement in the maxilla using dynamic navigation: a retrospective clinical analysis</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]</p>	Int J Oral Maxillofac Surg 2022; 51 (4): 552-7
<p><a href="#">Comparison of stresses in monoblock tilted implants and conventional angled multiunit abutment-implant connection systems in the all-on-four procedure</a></p>	BMC Oral Health 2021; (21): 646
<p>Tilted versus axial implant distribution in the posterior edentulous maxilla: A CBCT analysis [Accessible from the Wiley link <a href="#">on this page</a>]</p>	Clin Oral Implants Res 2021; 32(11): 1357-1365
<p><a href="#">Clinical success between tilted and axial implants in edentulous maxilla: A systematic review and meta-analysis</a></p>	J Ind Prosthodont Soc 2021; 21(3): 217-228



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<a href="#">Survival rates of axial and tilted implants in the rehabilitation of edentulous jaws using the All-on-four TM concept: A systematic review</a>	J Ind Prosthod Soc 2021; 21(1): 3-10
<a href="#">Radiographic evaluation of bone remodeling on tilted osseointegrated implants: Follow-up at 1 year</a>	J Contemp Dent Pract 2020; 21(4): 463-470
Evaluation of stress in tilted implant concept with variable diameters in the atrophic mandible: three-dimensional finite element analysis [Accessible from the link <a href="#">on this page</a> ]	J Oral Implantol 2020; 46(1): 19-26
Immediate fixed rehabilitation of severe maxillary atrophies using trans-sinus tilted implants with or without sinus bone grafting: One-year results from a randomised controlled trial [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	Int J Oral Implantol 2019; 12(2): 141-152
Evaluation of crestal bone loss around straight and tilted implants in patients rehabilitated by immediate-loaded full-arch all-on-4 or all-on-6: a prospective study [Accessible from the link <a href="#">on this page</a> ]	J Oral Implantol 2019; 45(6): 434-443
Comparison of marginal bone loss around axial and tilted implants: a retrospective CBCT analysis of up to 24 months [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	Int J Periodont Restor Dent 2019; 39(5): 675-684
<a href="#">Treatment of the complete edentulous atrophic maxilla: The Tall Tilted Pin Hole Placement Immediate Loading (TTPHIL)-ALL TILT TM implant option</a>	J Contemp Dent Pract 2019; 20(6): 754-763
Accuracy of computerized and conventional impression-making procedures for multiple straight and tilted dental implants [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	Int J Esthet Dent 2018; 13(4): 550-565
<a href="#">Digital versus traditional workflow for posterior maxillary rehabilitations supported by one straight and one tilted implant: a 3-year prospective comparative study</a>	BioMed Res Int 2018; (2018): 4149107
Optimization of tilted implant geometry for stress reduction in all-on-4 treatment concept: Finite element analysis study [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	Int J Oral Maxillofac Implants 2018; 33(6): 1287-1295
<a href="#">Straight and tilted implants for supporting screw-retained full-arch dental prostheses in atrophic maxillae: A 2-year prospective study</a>	Med Oral Patol Oral Cir Bucal 2018; 23(6): e733-e741
<a href="#">Clinical performance of intentionally tilted implants versus axially positioned implants: A systematic review</a>	Clin Oral Implants Res 2018; 29(Suppl. 16): 78-105
<a href="#">Biological and technical complications of tilted implants in comparison with straight implants supporting fixed dental prostheses. A systematic review and meta-analysis</a>	Clin Oral Implants Res 2018; 29(Suppl. 18): 295-308
Implant rehabilitation of the edentulous jaws: Does tilting of posterior implants at an angle greater than 45° affect bone resorption and implant success?: A retrospective study [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	Clin Implant Dent Relat Res 2018; 20(5): 867-874



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Immediate loading of tilted and axial posterior implants in the edentulous maxillary arch: A retrospective comparison of 5-year outcomes [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	Int J Oral Maxillofac Implants 2018; 33(2): 433-438
<a href="#">Minimizing the discrepancy between implant platform and alveolar bone for tilted implants with a sloped implant platform: A clinical report</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	J Prosthet Dent 2018; 119(3): 319-324
A prospective, split-mouth study comparing tilted implants with angulated connection versus conventional implants with angulated abutment [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	Clin Impl Dent Relat Res 2017; 19(6): 989-996
Comparison of marginal bone loss and implant success between axial and tilted implants in maxillary All-on-4 treatment concept rehabilitations after 5 years of follow-up [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	Clin Impl Dent Relat Res 2017; 19(6): 849-859
Assessment of long-term survival of immediately loaded tilted implants supporting a maxillary full-arch fixed prosthesis [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	Int J Oral Maxillofac Impl 2017; 32(4): 904-911
Terminal posterior tilted implants planned as a sinus graft alternative for fixed full-arch implant-supported maxillary restoration: A case series with 10- to 19-year results on 44 consecutive patients presenting for routine maintenance [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	Clin Impl Dent Relat Res 2017; 19(1): 56-68
Straight versus angulated abutments on tilted implants in immediate fixed rehabilitation of the edentulous mandible: a 3-year retrospective comparative study [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	Int J Prosthodont 2016; 29(3): 219-226
Mandibular full-arch fixed prostheses supported on 4 implants with either axial or tilted distal implants: a 3-year prospective study [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	Clin Impl Dent Relat Res 2016; 18(6): 1119-1133
The use of tilted implant for posterior atrophic maxilla [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	Clin Impl Dent Relat Res 2016; 18(4): 788-800
<a href="#">Tilted versus axially placed dental implants: a meta-analysis</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	J Dent 2015; 43(2): 149-70
Preliminary report on the outcome of tilted implants with longer lengths (20-25 mm) in low-density bone: one-year follow-up of a prospective cohort study [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	Clin Implant Dent Relat Res 2015; 17 (Suppl. 1): e134-e142
The fate of marginal bone around axial vs. tilted implants: a systematic review [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	Eur J Oral Implantol 2014; 7(Suppl. 2): S171-S189
Comparative evaluation of impression accuracy of tilted and straight implants in All-on-Four technique [Accessible from the link <a href="#">on this page</a> ]	Impl Dent 2014; 23(2): 225-230



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Influence of tapered and external hexagon connections on bone stresses around tilted dental implants: three-dimensional finite element method with statistical analysis [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	J Periodontol 2014; 85(2): 261-269
<a href="#">Tilted trans-sinus implants for the treatment of maxillary atrophy: case series of 35 consecutive patients</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	J Oral Maxillofac Surg 2013; 71(7): 1187-1194
Tilted implants and prototyping: a security option for improving the anchorage in atrophic maxilla (request using <a href="https://www.smartsurvey.co.uk/s/PJHMV/">https://www.smartsurvey.co.uk/s/PJHMV/</a> )	Gen Dent 2013; 61(2): 28-31
<a href="#">Tilted implants for the restoration of posterior mandibles with horizontal atrophy: an alternative treatment</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	J Oral Maxillofac Surg 2013; 71(5): 856-864
Rehabilitation of the atrophic maxilla with tilted implants: review of the literature [Accessible from the link <a href="#">on this page</a> ]	J Oral Implantol 2013; 39(5): 625-632
<a href="#">Oral rehabilitation with tilted dental implants: a meta-analysis</a>	Med Oral Patol Oral Cir Bucal 2012; 17(4): e582-7
Marginal bone loss around tilted implants in comparison to straight implants: a meta-analysis [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	Int J Oral Maxillofac Implants 2012; 27(6): 1576-1583
<a href="#">Load transfer in tilted implants with varying cantilever lengths in an all-on-four situation</a>	Aust Dent J 2012; 57(4): 440-445
Tilted implants in the immediate loading rehabilitation of the maxilla: a systematic review [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	J Dent Res 2012; 91(9): 821-817
Estimation of the safe distance between the implant and an adjacent tilted implant using trigonometry [Accessible from the link <a href="#">on this page</a> ]	J Oral Implantol 2012; 38(3): 289-290
Tilted implants for the rehabilitation of edentulous jaws: a systematic review [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	Clin Implant Dent Relat Res 2012; 14(4): 612-621
<a href="#">Tilted placement of tapered implants using a modified surgical template</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	J Oral Maxillofac Surg 2011; 69(6): 1642-1650