



CROWN LENGTHENING

Complications and survival of teeth restored with crowns following crown lengthening: a retrospective cohort study	Int Dent J 2026; 76(4): 109656
Development and accuracy assessment of a crown lengthening surgery robot for use in the esthetic zone: An in vitro study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosthet Dent 2025; 134 (5): 1936-1943
Digital simulation and clinical validation of a novel open-source-based workflow for 3D-printed surgical guide (GORST) in esthetic crown lengthening: A case report (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Int J Periodont Restor Dent 2025; Nov 03
Influence of soft tissue thickness, blade type, and guide design on computer-assisted esthetic crown lengthening	J Periodontol 2025; 96 (11): 1236-1246
A combination crown lengthening and implant placement guide [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosthet Dent 2025; 134 (4): 952-956
Predictability of periodontal surgical guides manufactured by digital flow in clinical crown lengthening. A randomized trial	J Esthet Restor Dent 2025; 37 (9): 2125-2133
Facially driven guided crown lengthening using a complete digital workflow: A dental technique [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosthet Dent 2025; 134 (3): 568-572
Integrating facial, intraoral, and tomographic scanning into the digital planning of surgical guides for crown lengthening [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosthet Dent 2025; Jul 25
Accuracy of guided dual technique in esthetic crown lengthening: A prospective case series study	J Esthet Restor Dent 2025; 37 (6): 1284-1296
The supracrestal soft tissue height as a guide for surgical crown lengthening procedures (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Int J Periodont Restor Dent 2025; May 05
One-year clinical evaluation of the horizontal mattress sling suture for aesthetic crown lengthening	Case Rep Dent 2025; 1: 9986106
Treatment of teeth with insufficient clinical crowns. Long-term clinical outcomes of a minimally invasive crown lengthening approach: A retrospective analysis [can be accessed on DOSS free by logging in on this page]	Int J Periodont Restor Dent 2025; 45 (1): 46-57
Survival analysis of teeth following clinical crown lengthening and crown insertion procedures up to 14 years: A retrospective cohort study [Accessible from the Wiley link on this page]	J Periodontol 2024; 95 (12): 1171-1179



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Factors affecting patients' attendance for periodontal follow-up visits after crown lengthening surgery	Oral Health Prev Dent 2024; 22: 237-248
Influence of crown-lengthening surgery on teeth rehabilitated with ceramic single crowns: A 12-month prospective clinical study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dentistry 2024; 147: 105125
Digital resources for surgical and restorative treatment of excessive gingival display in one session [Accessible from the Wiley link on this page]	J Esthet Restor Dent 2024; 36 (12): 1596-1603
Evaluation of minimally invasive esthetic crown lengthening using an open flap versus flapless surgical approach: A randomized controlled clinical trial	J Esthet Restor Dent 2024; 36 (10): 1353-1362
Minimally invasive esthetic suturing technique for anterior esthetic crown lengthening surgery: A case series with 24-month follow-up [can be accessed on DOSS free by logging in on this page]	Int J Prosthodont 2024; 37 (6): 686-693
Biological shaping as a conservative alternative for crown lengthening: A review [Review]	Clin Exp Dent Res 2024; 10 (2): e873
A continuous crossing mattress periosteal suture technique for periorestorative crown lengthening in multiple teeth (request using https://www.smartsurvey.co.uk/s/PJHMY/)	Int J Periodont Restor Dent 2024; Sep 06
Use of both the diode and Er: YAG lasers in esthetic crown lengthening with the aid of digitally guided dual technique: 3 years follow-up [Accessible from the Wiley link on this page]	J Esthet Restor Dent 2024; 36(4): 695-701
Staged esthetic crown lengthening: Classification and guidelines for periodontal-restorative therapy [Accessible from the Wiley link on this page]	J Esthet Restor Dent 2024; 36(1): 153-163
Effects of the GingivalStat approach on early gingival margin remodeling following esthetic clinical crown lengthening: A case series [Accessible from the Wiley link on this page]	J Esthet Restor Dent 2024; 36(1): 135-143
Dental and periodontal dimensions stability after esthetic clinical crown lengthening surgery: a 12-month clinical study	Clin Oral Investig 2024; 28: 76
Esthetic rehabilitation through crown lengthening and laminate veneers: A digital workflow [can be accessed on DOSS free by logging in on this page] [Not included in the loan package]	Int J Esthet Dent 2023; 18(4): 330-344
Multifunctional anatomical prototypes (MAPs): Treatment of excessive gingival display due to altered passive eruption	J Esthet Restor Dent 2023; 35(7): 1058-1067
Comparative study of two ways to measure root trunk length to assess the possibility of crown lengthening in molars: measuring parallel to the root surface vs parallel to the tooth axis [can be accessed on DOSS free by logging in on this page]	Int J Periodont Restor Dent 2023; 43 (3): e141-e147



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Effect of apical root resection, orthodontic extrusion, and surgical crown lengthening on load capability	Clin Oral Investig 2023; 27 (8): 4389-4399
Accuracy of three types of digital guides for crown lengthening surgery: An in vitro study	J Dent Sci 2023; online 21 June doi.org/10.1016/j.jds.2023.06.007
The crown lengthening double guide and the digital Perio analysis [Accessible from the Wiley link on this page]	J Esthet Restor Dent 2023; 35 (1): 215-221
Modified technique for esthetic crown lengthening in the natural dentition: case series [can be accessed on DOSS free by logging in on this page]	Int J Esthet Dent 2022; 17 (2): 186-200
Digital smile design and mock-up technique in esthetic crown lengthening: 2-year follow-up of six cases [can be accessed on DOSS free by logging in on this page]	Int J Esthet Dent 2022; 17 (1): 58-75
Crown lengthening techniques and modifications to treat excessive gingival display [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Dent Clin N Am 2022; 66 (3): 361-72
Success rate of fractured teeth receiving modified crown lengthening surgery and restorations	BMC Oral Health 2022; 22: Art 99
Virtual planning and rapid 3D prototyping surgical guide for anterior crown lengthening surgery: a clinical case report [Accessible from the Wiley link on this page]	J Prosthodont 2022; 31 (4): 275-81
Laser-assisted esthetic crown lengthening: open-flap versus flapless [can be accessed on DOSS free by logging in on this page]	Int J Periodont Restor Dent 2022; 42 (1): 53-62
Long-term (> 15 years) postrestorative outcomes of surgical crown lengthening associated with early postsurgical physiologically oriented crevicular reparation (POCR) technique in esthetic areas [can be accessed on DOSS free by logging in on this page]	Int J Periodont Restor Dent 2021; 41 (6): 845-854
Single-tooth rehabilitation combining root displacement and crown lengthening two-year follow-up: a case report (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Oper Dent 2021; 46 (3): 246-254
Treatment of teeth with an insufficient clinical crown. Part 2: Treatment cost and time and patient outcomes [can be accessed on DOSS free by logging in on this page]	Int J Periodont Restor Dent 2021; 41(5): 637-645
Surgical guides for esthetic crown lengthening procedures: Periodontal and prosthetic aspects [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Am Dent Assoc 2021 Sep 30
Treatment of teeth with an insufficient clinical crown. Part 1: One-year clinical outcomes of a minimally invasive crown-lengthening approach [can be accessed on DOSS free by logging in on this page]	Int J Periodont Restor Dent 2021; 41(4): 487:496



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Aesthetic crown lengthening and lip repositioning surgery: Pre- and post-operative assessment of smile attractiveness [can be accessed on DOSS free by logging in on this page]	J Clin Perio 2021; 48(6): 826-833
Dual digitally guided crown lengthening in esthetic area compromised by disharmonic implant crown (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Clin Adv Perio 2021; Feb 17
Crown lengthening surgery for enhancing restorative treatment in esthetic zone	Kathmandu Univ Med J 2021; 19(74): 278-281
Treatment prognosis of restored teeth with crown lengthening vs. deep margin elevation: A systematic review	Materials 2021; 14(21) Nov 08
Long-term (> 15 years) postrestorative outcomes of surgical crown lengthening associated with early postsurgical physiologically oriented crevicular reparation (POCR) technique in esthetic areas [can be accessed on DOSS free by logging in on this page]	Int J Periodont Restor Dent 2021; 41(6): 845-854
The management of a complicated crown-root fracture incorporating modified crown-lengthening surgery [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 2021; 230(4): 217-222
Single-tooth rehabilitation combining root displacement and crown lengthening two-year follow-up: A case report (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Oper Dent 2021; 46(3): 246-254
Minimally invasive (flapless) crown lengthening by erbium:YAG laser in aesthetic zone	F1000Research 2020; (9): 1185
Minimally invasive surgery for clinical crown lengthening using piezoelectric ultrasound	Case Rep Dent 2020: 7234310
Periodontal plastic surgery for esthetic crown lengthening by using data merging and a CAD-CAM surgical guide [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosthet Dent 2020; Dec 16
One- versus two-stage crown lengthening surgical procedure for aesthetic restorative purposes: A randomized controlled trial [can be accessed on DOSS free by logging in on this page]	J Clin Perio 2020; 47(12): 1511-1521
Crown Lengthening surgery: An overview (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Prim Dent J 2020; 8(4): 48-53
Full digital workflow for crown lengthening by using a single surgical guide [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosthet Dent 2020; 124(3): 257-261
Esthetic crown lengthening in the treatment of a gummy smile [can be accessed on DOSS free by logging in on this page]	Int J Esthet Dent 2019; 14(4): 370-382



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Effect of patient- and surgery-related factors on supracrestal tissue reestablishment after crown lengthening procedure [can be accessed on DOSS free by logging in on this page]	Quintessence Int 2019; 50(10): 792-801
Laser-assisted lip repositioning with smile elevator muscle containment and crown lengthening for gummy smile: A case report [can be accessed on DOSS free by logging in on this page]	Clin Adv Perio 2019; 9(3): 135-141
Long-term survival of structurally compromised tooth preserved with crown lengthening procedure and restorative treatment: A pilot retrospective analysis [can be accessed on DOSS free by logging in on this page]	J Clin Perio 2019; 46(7): 751-757
The effect of crown lengthening on the outcome of endodontically treated posterior teeth: 10-year survival analysis [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Endod 2019; 45(6): 696-700
A present day approach to crown lengthening - piezosurgery	Cureus 2019; 11(11): e6241
Does surgical crown lengthening procedure produce stable clinical outcomes for restorative treatment? A meta-analysis [can be accessed on DOSS free by logging in on this page]	J Prosthodont 2019; 28(1): e103-e109
Correction of vertical smile discrepancy through ceramic laminate veneers and surgical crown lengthening	Case Rep Dent 2019: 1230610
Single tooth prosthetic restoration through surgical crown lengthening, conservative therapies and cad-cam milled restoration in lithium-disilicate. A case report	Acta Stomatol Croat 2019; 53(4): 371-378
Lip repositioning, aesthetic crown lengthening, and gingival depigmentation: a combined approach for a gummy smile makeover	J Cutan Aesthet Surg 2019; 12(4): 240-243
Deep margin elevation versus crown lengthening: biologic width revisited [can be accessed on DOSS free by logging in on this page]	Int J Esthet Dent 2018; 13(3): 334-356
Periodontal status of anterior teeth following clinical crown lengthening by minimally traumatic controlled surgical extrusion [can be accessed on DOSS free by logging in on this page]	Dent Traumatol 2018; 34(6): 456-463
The esthetic crown lengthening by Er,Cr:YSGG laser: A Case Series	J Lasers Med Sci 2018; 9(4): 283-287
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Crown lengthening and restorative procedures in the esthetic zone [can be accessed on DOSS free by logging in on this page]	Periodont 2000; 2018 (77): 84-92



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An in vitro study evaluating the effect of ferrule design on the fracture resistance of endodontically treated mandibular premolars after simulated crown lengthening or forced eruption methods	BMC Oral Health 2018; (18): 83
A guide to minimally invasive crown lengthening and tooth preparation for rehabilitating pink and white aesthetics [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 2018; 224(4): 228-234
A digitally guided dual technique for both gingival and bone resection during crown lengthening surgery [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosthet Dent 2018; (119): 345-349
Periodontal evaluation of crown-root fractured teeth following modified crown lengthening surgery [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 2017; 222 (1) 21-25
Modified lip repositioning with esthetic crown lengthening: a combined approach to treatment excessive gingival display [can be accessed on DOSS free by logging in on this page]	Int J Periodont Restorative Dent 2017; 37(1): e130-e134
A systematic review and meta-analysis on the effects of crown lengthening on adjacent and non-adjacent sites [can be accessed on DOSS free by logging in on this page]	Clin Oral Invest 2017; 21: 7-16
Effectiveness of Nd:YAG laser fiberotomy in clinical crown lengthening by forced eruption [can be accessed on DOSS free by logging in on this page]	Int J Periodont Restorative Dent 2017; 37(2): 211-217
Pre-restorative crown lengthening surgery outcomes: a systematic review [can be accessed on DOSS free by logging in on this page]	J Clin Periodontol 2015; 42: 1126-1134
Soft tissue cone beam computed tomography (ST-CBCT) for the planning of esthetic crown lengthening procedures [can be accessed on DOSS free by logging in on this page]	Int J Esthet Dent 2016; 11 (4)482-493
Comparison of three different crown-lengthening procedures in the maxillary anterior esthetic regions [can be accessed on DOSS free by logging in on this page]	Quintessence Int 2016; 47(5): 407-416
Response to proximal restorations placed either subgingivally or following crown lengthening in patients with no history of periodontal disease [can be accessed on DOSS free by logging in on this page]	Int J Periodont Restorative Dent 2016; 36(1): 117-124
Aesthetic crown lengthening: periodontal and patient-centred outcomes [can be accessed on DOSS free by logging in on this page]	J Clin Periodontol 2015; 42: 1126-1134
An update on crown lengthening part 2: increasing clinical crown height to facilitate predictable restorations (request using https://www.smartsurvey.co.uk/s/PJHMY/)	Dent Update 2015; 42: 230-236



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An update on crown lengthening part 1: gingival tissue excess (request using https://www.smartsurvey.co.uk/s/PJHVMV/)	Dent Update 2015; 42: 144-153
Healing time for final restorative therapy after surgical crown lengthening procedures: a review of related evidence (request using https://www.smartsurvey.co.uk/s/PJHVMV/)	Clin Adv Periodont 2015; 5(2): 131-139
A standardized approach for the early restorative phase after esthetic crown-lengthening surgery [can be accessed on DOSS free by logging in on this page]	Int J Periodont Restorative Dent 2015; 35(5): 601-611
Evaluation of supracrestal gingival tissue after surgical crown lengthening: a 6-month clinical study [can be accessed on DOSS free by logging in on this page]	J Periodont 2013; 84: 934-40
The effect of esthetic crown lengthening on perceptions of a patient's attractiveness, friendliness, trustworthiness, intelligence, and self-confidence [can be accessed on DOSS free by logging in on this page]	J Periodont 2013; 84: 1126-33
Surgical crown lengthening in a population with human immunodeficiency virus: a retrospective analysis [can be accessed on DOSS free by logging in on this page]	J Periodontol 2012 (83) 344-353
Soft tissue crown lengthening reducing carbonisation (request using https://www.smartsurvey.co.uk/s/PJHVMV/)	PPD 2011 129-130
Slide crown lengthening procedure using wide surface incisions and cyanoacrylate (request using https://www.smartsurvey.co.uk/s/PJHVMV/)	Gen Dent 2011; (July/August): e131-e136
Crown lengthening with removable orthodontics: a combined approach for ideal esthetics (request using https://www.smartsurvey.co.uk/s/PJHVMV/)	Gen Dent 2011; (September/October): 362-366
Biologic rationale of esthetic crown lengthening using innovative proportion gauges [can be accessed on DOSS free by logging in on this page]	Int J Periodont Restor Dent 2011; 31 (5): 522-532
Case of the month: split crest and crown lengthening	J Implant Adv Clin Dent 2011; 3 (4): 20-25
Biologic width and crown lengthening: case reports and review (request using https://www.smartsurvey.co.uk/s/PJHVMV/)	Gen Dent 2010 (Sept/Oct): e200-e204
The use of a diagnostic wax set-up in aesthetic cases involving crown lengthening – a case report (request using https://www.smartsurvey.co.uk/s/PJHVMV/)	Dent Update 2010 (37): 303-307
Restoration of the severely decayed tooth using crown lengthening with simultaneous tooth-preparation	Eur J Dent 2010 (4): 197-201
Guided esthetic crown lengthening: case reports (request using https://www.smartsurvey.co.uk/s/PJHVMV/)	Gen Dent 2009 (Nov): 666-671



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Principles of crown lengthening surgery (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Dent Update 2009 (36): 181-185
Esthetic rehabilitation of anterior conoid teeth: comprehensive approach for improved and predictable results [can be accessed on DOSS free by logging in on this page]	Eur J Esthetic Dent 2009 4(3): 210-224
Crown lengthening surgery – indications and techniques (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Dent Update 2008 (35): 29-35
Esthetic crown lengthening: appropriate diagnosis for achieving gingival balance	J Calif Dent Assoc 2008 36(3): 187-191
Surgical crown lengthening: a 12-month study – radiographic results	J Applied Oral Sci 2007 15(4): 280-284
Periodontics: 5. Surgical crown lengthening (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Dent Update 2007 (34): 462-468
Clinical crown lengthening in the esthetic zone	J Calif Dent Assoc 2007 35(7): 487-498
Clinical evaluation of the supraosseous gingiva before and after crown lengthening [can be accessed on DOSS free by logging in on this page]	J Periodontol 2007 (78): 1023-1030
One-stage surgical crown lengthening and provisional prosthetic placement: an interdisciplinary approach (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Dent Today 2007 26(7): 124, 126-127
Effect of a ferrule and increased clinical crown length on the <i>in vitro</i> fracture resistance of premolars restored using two dowel-and-core systems (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Oper Dent 2007 32(6): 595-601
Surgical lengthening of the clinical tooth crown	Stomatologija 2006 8(3): 88-95
Indirect restorations on teeth with reduced crown height (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Dent Update 2006 (33): 210-216
Use of interdisciplinary team approach in establishing esthetic resorative dentistry (request using https://www.smartsurvey.co.uk/s/PJHMV/)	New York State Dent J 2005 (Aug/Sept): 44-47
Crown lengthening: basic principles, indications, techniques and clinical case reports (request using https://www.smartsurvey.co.uk/s/PJHMV/)	New York State Dent J 2004 (Nov): 30-36
Simultaneous team approach of a crown-lengthening procedure and an operative restoration: technique and long-term effect [can be accessed on DOSS free by logging in on this page]	Quintessence Int 1997 28(4): 249-254



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Osseous surgery for crown lengthening: a 6-month clinical study [can be accessed on DOSS free by logging in on this page]	J Periodontol 2004 (75): 1288-1294
Surgical extrusion technique for clinical crown lengthening: report of three cases [can be accessed on DOSS free by logging in on this page]	Int J Periodontics Restorative Dent 2004 (24): 412-421
Migration following crown-lengthening procedure – a case report [can be accessed on DOSS free by logging in on this page]	Quintessence Int 2004 (35): 514-518
Crown lengthening in mandibular molars: a 5-year retrospective radiographic analysis [can be accessed on DOSS free by logging in on this page]	J Periodontol 2003 (74): 815-21
Surgical crown lengthening: evaluation of the biological width [can be accessed on DOSS free by logging in on this page]	J Periodontol 2003 (74): 468-474
Surgical crown lengthening for enhanced clinical success (request using https://www.smartsurvey.co.uk/s/PJHMY/)	Dent Today 2002 21(11): 112-115
Aesthetic crown lengthening [can be accessed on DOSS free by logging in on this page]	Periodontology 2000 (27) 2001: 45-58
Anterior esthetic crown-lengthening surgery: a case report	J Can Dent Assoc 2001 67(10): 600-603
Surgical crown lengthening: a 12-month clinical wound healing study [can be accessed on DOSS free by logging in on this page]	J Periodontol 2001 (72): 841-848
Surgical crown lengthening [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 1999 187(1): 21-24