ספרות חובה לנבחנים באורתודונטיה
(מעודכן לחודש מאי שנת 2022)

פרק 1: ספרים

1. Graber LW, Vanarsdall RL, Vig KWL. Orthodontics, Current Principles and Techniques. 5-th ed. Ch. 1,2, 4-6, 9-12, 15, 17, 22, 28. The Mosby Co. 2011.
2. Proffit W, Fields HW, Larsen B, Sarver DM, Contemporary Orthodontics. 6th ed. The Mosby Co. 2018.
3. Enlow DH, Hans MG. Essentials of Facial Growth. 2nd ed. Ch. 1-8, 12-14, 16. WB Saunders Co. 2008.
4. Graber TM, Rakosi T, Petrovic AG. Dentofacial Orthopedics with Functional Appliances. 2nd ed. Ch. 5-8, 11-20. Mosby Co. 1997.
5. Becker A.(ed.): Orthodontic treatment of impacted teeth. 3rd ed. Wiley-Blackwell. 2012.
6. Hennekam RCM. Krantz ID, Alanson JE. Gorlin's Syndromes of The Head and Neck, 5th ed. Oxford. 2010. The following syndroms: Cleidocranial dysplasia, Stickler, Apert, Cruzon, Hemifacial microsomia, Ectodermal dysplasia & Chapter 20 (Clefts).
7. Andreasen JO., Andreasen FM., Andersson L: Traumatic injuries to the teeth. 4th ed. Blackwell Munksgaard. Ch. 24,27-29,32. 2007.
8. Mulligan T.F., Common sense mechanics. CSM Ch.1-9. 1982.
9. Reyneke JP. Essentials of orthognathic surgery. 2nd ed. Quintessence publishing. Ch 1-4, 2010.
10. Arnett and McLaughlin. Facial and Dental Planning for Orthodontist and Oral Surgeon. 2004. Ch. 3-5,7
11. Lee JS, Kim JK, Park YC, Vanarsdall RL. Applications of orthodontic mini-implants. Quintessence publishing, 2007.

12. Mclaughlin RP, Bennett JC, Trevisi H. Systemised orthodontic treatment mechanics. Mosby 2001.

פרק 2: כתבי עת (של שלוש השנים האחרונות, עד חצי שנה לפני מועד הבחינה) לפי המאמרים שנבחרו על ידי נציגי המחלקות

1. American Journal of Orthodontics and Dentofacial Orthopedics (AJODO)
2. European Journal of Orthodontics (EJO)
3. Angle Orthodontist (AO).

פרק 3: מאמרים נבחרים לפי הנושאים הבאים:

I. <u>צפלומטריה:</u>

<u>Identification and reliability:</u>

1. Baumrind S, Frantz RC: The reliability of head film measurements. 1. landmark identification. Am J Orthod 60: 111-127, 1971.
2. Baumrind S, Frantz RC: The reliability of head film measurements. 2. Conventional angular and linear measures. Am J Orthod 60: 505-517, 1971.
3. Baumrind S, Miller D, Molthen R: The reliability of head film measurements. Part 3. Tracing superimposition. Am J Orthod 70: 617-644, 1976.

<u>Analyses:</u>

4. Downs WB: Analysis of dento-facial profile. Angle Orthod, 26: 191-212, 1956.
5. C.C Steiner: Cephalometric for you and me. Am J Orthod, 39: 729-755,1953.
6. McNamara JA Jr: A method of cephalometric evaluation. Am J Orthod, 86:449-469, 1984.
7. Ricketts RM: A four step method to distinguish orthodontic changes from natural growth. J Clin Orthod. 9: 208-228, 1975.
8. Bjork A: The face in profile. Abstracted by Salzman. Am J Orthod 34: 691-699,1948.
9. Tweed CH: Was the development of the diagnostic facial triangle as an accurate analysis based on fact of fancy? Am J Orthod 48: 823-840, 1962
10. Jarabak Analysis, in Enlow DH. Facial Growth. Ch 14, pp 374-378, 3rd ed, 1990.
11. Sassouni V: A Roentgenographic cephalometric analysis of cephalo-facio-dental relationship Am J Orthod 41: 735-764, 1955
12. Jacobson A. The "Wits" appraisal of jaw disharmony. Am J Orthod Dentofacial Orthop 72: 1-22, 1977.

Superimposition

13. Bjork A: Normal and abnormal growth of the mandible. A synthesis of lontitudinal cephalometric implant studies over a period of 25 years. Europ J Orthod. 5: 40-44, (appendix).
14. Baumrid S, Ben-Bassat Y, Korn EL, Korn LA, Bravo LA, Curry S: Mandibular remodeling measured on cephalograms: A comparison of information from implant and anatomical best fit superimposition. Am J Orthod Dentofacial Orthop 102: 227-238, 1992.

15. Doppel DM, Damon WM, Joondeph DR, Little RM: An investigation of maxillary superimposition techniques using metallic implants. Am J Orthod Dentofacial Orthop. 105: 161-168. 1994.
16. Nielsen IL: Maxillary superimposition: a comparison of three methods for cephalometric treatment changes. Am J Orthod Dentofacial Orthop. 95: 422-31. 1989.

Prediction:

17. Leslie LR, Southard TE, Southard KA, Casko JS, Jakobsen JR, Tolley EA, Hillis SL, Carolan C, Logue M: Prediction of mandibular growth rotation: Assessment of the Skieller, Bjork and Linde-Hansen method. Am J Orthod Dentofacial Orthop 114: 659-667, 1998.
18. Singer CP, Mamandras AH, Hunter WS: The depth of the mandibular antegonial notch as an indicatior of mandibular growth potential. Am J Orthod Dentofacial Orthop. 91: 117-124. 1987.
19. Baumrind, Korn EL, West EE: Prediction of mandibular rotation: An empirical test of clinical performance. Am J Orthod 86: 371-385, 1984.

רקמות רכות:

20. Holdaway RA: A soft tissue cephalometric analysis and its use in orthodontic treatment planning. Part 1. Am J Orthod 84:1-28, 1983.
21. Bishara SE, Jakobsen JR, Hession TJ, Treder JE: Soft tissue profile changes from 5 to 45 years of age. Am J Orthod Dentofacial Orthop 114: 698-706, 1998.

עדכנית רקמות רכות

22. Asmar R, Akl R, Ghoubril J, Khoury E: Evaluation of the ideal position of the maxillary incisor relative to upper lip thickness. Am J Orthod 158(2):264-272, 2020.

Postero-Anterior cephalometry:

23. Pirttiniemi P, Miettinen J, Kantomaa T: Combined effect of errors in frontal-view asymmetry diagnosis. Eur J Orthod 18: 629-636, 1996.

Natural head position:

24. Solow B, Sonnesen L: Head posture and malocclusions. Eur J Orthod 20: 685-693, 1998.
25. Lundstrom F, Lundstrom A: Natural head position as a basis for cephalometric analysis. Am J Orthod Dentofacial Orthop 101: 244-247, 1992.

II. התפתחות המשנן

שינויים פיזיולוגיים:

26. Sinclair PM, Little RM: Maturation of untreated normal occlusions. Am J Orthod Dentofacial Orthop. 83: 114-123, 1983
27. Bishara SE, Jakobsen JR, Treder J, Nowak A. Arch width changes from 6 weeks to 45 years of age. Am J Orthod Dentofacial Orthop. 111: 401–409, 1997.

28. Bishara SE, Jakobsen JR, Treder J, Nowak A: Arch length changes from 6 weeks to 45 years. Angle Orthod. 68: 69-74, 1998.
29. Bishara SE, Hoppens BJ, Jakobsen JR, Kohout FJ: Changes in molar relationship between deciduous and permanent dentitions: A longitudinal study. Am J Orthod Dentofacial Orthop. 93: 19–28, 1988.
30. Klocke A., Nanda RS., Kahl- Nieke B: Anterior openbite in the deciduous dentition. Longitudinal follow up and cranio-facial growth considerations. Am J Orthod Dentofacial Orthop.122: 353–358, 2002
31. Thilander B: Dentoalveolar development in subjects with normal occlusion. A longitudinal study between the ages of 5 and 31 years. Eur J Orthod 31: 109-120, 2009.

עדכנית שינויים פיזיולוגיים

32. Da Rosa D, Menezes Bonow M, Goettems M, Demarco F, Santos etc: The influence of breastfeeding and pacifier use on the association between preterm birth and primary-dentition malocclusion: A population-based birth cohort study. Am J Ortho 157(6):754-763, 2020.

בקיעת שיניים:

33. Gron AM: Prediction of tooth emergence. J Dental Research, 41: 573-83, 1962.
34. Fanning E: Effect of extraction of deciduous molars on the formation and eruption of their successors. Angle Orthod. 32: 44-53, 1962
35. Becker A, Karnei-R'em RM: The effects of infraocclusion: Part 3. Dental arch length and the midline. Am J Orthod Dentofacial Orthop. 102: 427-433, 1992

36. Suri L, Gagari E, Vastardis H: Delayed tooth eruption: Pathogenesis, diagnosis, and treatment. A literature review. Am J Orthod Dentofacial Orthop, 126: 432-445, 2004.

עדכנית בקיעת שיניים

37. Dhamo B, Nguee A, Ongkosuwito E, Jaddoe V, Wolvius E, Kragt L: The role of accelerated dental development on the occurrence of aberrant dental traits that indicate malocclusion. Eur J Orthod ;41(4):397-403, 2019.
38. Chen X, Huo Y, Peng Y, Zhang Q, Zou J. Ectopic eruption of the first permanent molar: Predictive factors for irreversible outcome Am J Orthod Dentofacial Orthop, 159(2):e169-e177, 2021.
39. Hashim F, Roberts G, Alzoubi E. Camilleri S: Dental age estimation of young subjects with unilateral palatally displaced canine teeth. Am J Orthod Dentofacial Orthop, 160(4): 560-566, 2021.

Indicators of cranio-facial development:

40. Demirjan A., Buschang P: Interrelationships among measures of somatic, skeletal, dental and sexual maturity. Am J Orthod Dentofacial Orthop. 88: 433-43, 1985.
41. Baccetti T, Franchi L, McNamara JA. The cervical vertebral maturation (CVM) method for assessment of optimal treatment timing in dentofacial orthopedics. Semin Orthod, 11: 119-130, 2005.
42. Moore RN., Moyer BA., DuBois L: Skeletal maturation and craniofacial growth. Am J Orthod Dentofacial Orthop. 98: 33-40, 1990.
43. Beit P, Peltomaki T, Schatzle M, Signorelli L, Patcas R: Evaluation the agreement of skeletal age

assessment based on hand-wrist and cervical vertebrae radiography. Am J Orthod Dentofacial Orthop 144: 838-847, 2013.

עדכנית אינדיקטורים להתפתחות קרניופציאלית

44. Morris K, Fields HW, Beck FM, Kim DG: Diagnostic testing of cervical vertebral maturation staging: An independent assessment. Am J Orthod Dentofacial Orthop 156(5):626-632, 2019
45. Oyonarte R, Sánchez-Ugarte F, Montt J, Cisternas A, Morales-Huber R, Ramirez-Lobos V, Janson G.: Diagnostic assessment of tooth maturation of the mandibular second molars as a skeletal maturation indicator: A retrospective longitudinal study Am J Orthod Dentofacial Orthop 158(3):383-390, 2020.
46. Alhazmi N, Trotman CA, Finkelman M, Hawley D, Zoukhri D, Papathanasiou E: Salivary alkaline phosphatase activity and chronological age as indicators for skeletal maturity Angle Orthod. 89(4): 637-642, 2019.
47. Franchi L, Nieri M, Lomonaco I, McNamara JA Jr: Predicting the mandibular growth spurt: The roles of chronological age, sex, and the cervical vertebral maturation method. Angle Orthod. 91(3): 307–312. 2021.

Tooth-size discrepancies:

48. Bolton W: Disharmony in tooth size and its relation to the analysis and treatment of malocclusion. Angle Orthod. 28: 113-130, 1958.

49. Tanaka M, Johnson L: The prediction of the size of unerupted canines and premolars in a contemporary orthodontic population. JADA. 88: 798-801, 1974.
50. Gardner RA: Comparison of 4 methods of predicting arch length. Am J Orthod. 75: 387-398, 1979

עדכנית גודל שיניים

51. Crossley A, Campbell P, Tadlock L, Schneiderman, Buschang P: Is there a relationship between dental crowding and the size of the maxillary or mandibular apical base? Angle Orthod 90(2):216-223. 2020

III. גדילה והתפתחות:

כללי

52. Bjork A, Skieller V: Facial development and tooth eruption. An implant study at the age of puberty. Am J Orthod 62: 339-383, 1972.
53. Thilander B: Basic mechanisms in craniofacial growth. Acta Odontol Scand: 53: 144-151, 1995.

עדכנית גדילה והתפתחות

54. Sella Tunis T, May H, Sarig R, Vardimon AD, Hershkovitz I, Shpack N: Are chin and symphysis morphology facial type–dependent? A computed tomography-based study. Am J Orthod 160(1):84-93. 2021.

בסיס הגולגולת:

55. Melsen B: The cranial base. Acta Odontol Scand 32: 108-111, 1974.

56. Opperman LA, Gakunga PT, Carlson DS: Genetic factors influencing morphogenesis and growth of sutures and synchondroses in the craniofacial complex. Semin Orthod 11: 199-208, 2005.

<u>ספטום האף:</u>

57. Melsen B et.al.: Postnatal development of the nasal septum studied on human autopsy material. Craniofacial growth series, No. 10: 127-143, 1981.

<u>מקסילה:</u>

58. Bjork A, Skieller V: Growth of the maxilla in three diamentions as revealed radiographically by the implant method. Br J Orthod 4: 53-64, 1975.
59. Melsen B: Palatal growth studied on human autopsy material. A histological micro-radiographical study. Am J Orthod 68: 42-54, 1975.
60. Persson M, Thilander B: Palatal suture closure in man from 15 to 35 years of age. Am J Orthod 72: 42-52, 1977.

<u>מנדיבולה:</u>

61. Bjork A: Normal and abnormal growth of the mandible. A synthesis of longitudinal cephalometric implant studies over a period of 25 years. Eur J Orthod 5: 1-46, 1983.
62. Bjork A: Prediction of mandibular growth and rotation. Am J Orthod 55: 585-599, 1969.
63. Bjork A: Variations in the growth pattern of the human mandible: Longitudinal radiographic study by the implant method. J D Res 42: 400-411, 1963.
64. You ZH, Fishman LS, Rosenblum RE, Subtelny JD: Dentoalveolar changes related to mandubular forward

growth in untreated Class II persons. Am J Orthod Dentofac Orthop 120: 598-607, 2001.

עדכנית מנדיבולה

65. Evangelista K, Teodoro AB, Bianchi J, Soares Cevidanes LH, De Oliveira Ruellas AC, Garcia Silva MA, Valladares-Neto J: Prevalence of mandibular asymmetry in different skeletal sagittal patterns: A systematic review Angle Orthod 1;92(1):118-126. 2022.

רקמות רכות

66. Fricke B, Gebert HJ, Grabowski R, Hasund A, Serg HG: Nasal airway, lip competence, and craniofacial morphology. Eur J Orthod 15: 297-304, 1993.
67. Mamandras AH: Linear changes of maxillary and mandibular lips. Am J Orthod Dentofacial Orthop 94: 405-410, 1988.

עדכנית רקמות רכות

68. Au J, Mei L, Bennani F, Kang A, Farella M: Three-dimensional analysis of lip changes in response to simulated maxillary incisor advancement. Angle Orthod 90(1):118-124, 2020.

נשימה וגדילה:

69. Zettergren-Wijk CM, Forsberg S, Linder-Aronson S: Changes in dentofacial morphology after adeno-tonsillectomy in young children with obstructive sleep apnea-- a 5-year follow-up study. Eur J Orthod. 28: 319-326, 2006.

70. Vig KW. Nasal obstruction and facial growth: The strength of evidence for clinical assumptions. Am J Orthod Dentofacial Orthop 113: 603-11, 1998.
71. Pirila-Parkkinen K, Lopponen J, Nieminen P, Tolonen U, Paakko E, Pirittiniemi P: Validity of upper airway assessment in children: A clinical, cephalometric and MRI study. Angle Orthod 81: 433-439, 2011.

תיאוריות גדילה

72. Moss M, Salentijn L: The primary role of functional matrices in facial growth. Am J Orthod 55: 566-577, 1969.
73. Solow B: The dentoalveolar compensatory mechanism: background and clinical implications. Br J Orthod 7: 145-161, 1980.
74. Van Limborgh J: Morphogenetic control of craniofacial growth. Craniofacial growth series, No. 14: 1-15, 1980.

שונות:

75. Bishara SE: Facial and dental changes in adolescent and their clinical implications. Angle Orthod 70: 471-483, 2000.
76. Bishara SE, Treder JE, Jakobsen JR: Facial and dental changes in adulthood. Am J Orthod Dentofacial Orthop 106: 175-186, 1994.
77. Ochoa BK Nanda RS: Comparison of maxillary and mandibular growth. Am J Orthod Dentofacial Orthop. 125: 148-159, 2004.
78. Kiliaridis S: Masticatory muscles influence on cranifacial growth. Acta Odont Scand 53: 196-202, 1995.

79. Petrovic A: Control of postnatal growth of secondary cartilages of the mandible by mechanisms regulating occlusion. Trans Eur Orthod Soc 69-75, 1974.
80. Chung CH, Wong WW: Craniofacial growth in untreated skeletal Class II subjects: a longitudinal study. Am J Orthod Dentofacial Orthop. 122: 619-626, 2002.

IV. ביומכניקה

קשתות אורתודונטיות: תכונות מכניות

81. Kusy RP: A review of contemporary archwires. Their properties and characteristics; Angle Orthod. 67: 197-208, 1997.
82. Burstone CJ, Qin B, Morton JY: Chinese NiTi wire: A new orthodontic alloy. Am J Orthod, 87: 445-452, 1985
83. Santoro M, Nicolay OF, Cangialosi TJ: Pseudoelasticity and thermoelastisity of nickel-titanium alloys: A clinically orientd review. Part I: Temperature transitional ranges. Am J Orthod Dentofacial Orthop 119: 587-93, 2001
84. Santoro M, Nicolay OF, Cnagialosi TJ: Pseudoelasticity and thermoelastisity of nickel-titanium alloys: A clinically oriented review. Part II: Deactivation forces. Am J Orthod Dentofacial Orthop 119: 587-603, 2001.
85. Wilkinson P: Load-deflection characteristics of superelastic nickel-titanium orthodontic wires Am J Orthod Dentofacial Orthop 121: 483-495, 2002.

86. Karamouzos A: Clinical characteristics and properties of ceramic brackets. Am J Orthod Dentofacial Orthop. 112: 34-40, 1997.

חומרים:

87. Ewoldsen N, Demke R: A review of orthodontic cements and adhesives. Am J Orthod Dentofacial Orthop.120: 45-48, 2001.
88. De Genova DC, McInnes-Ledoux P, Weinberg R, Shaye. Force degradation of orthodontic elastomeric chains-a product comparison study. Am J Orthod. 87(5):377-84, 1985.

חיכוך:

89. Tselepis M: The dynamic frictional resistance between orthodontic brackets and archwires. Am J Orthod Dentofacial Orthop, 106: 131-138, 1994.
90. Kusy RP, Whitley JQ: Friction between different wire-brcket configurations and materials. Semin Orthod. 3: 166–177, 1997.
91. Articolo LC, Kusy RP: Influence of angulation on the resistance to sliding in fixed appliances. Am J Orthod Dentofacial Orthop. 115: 39–51, 1999
92. Thorstenson GA, Kusy RP: Resistance to sliding of self-ligating brackets versus conventional stainless-steel twin brackets with second-order angulation in the dry and wet (saliva) states. Am J Orthod Dentofacial Orthop, 120: 361–370, 2001.

ביומכניקה קלינית:

93. Kuhlberg A, Priebe D: Space Closure and Anchorage Control. Semin Orthod 7: 42-49, 2001

94. Braun S. Marcotte M: Rationale of the segmented approach to orthodontic treatment. Am J Orthod Dentofacial Orthop. 108: 1-8, 1995.
95. Lindauer SJ, Isaacson RJ: One-couple orthodontic appliance systems. Semin Orthod 1: 12-24, 1995
96. Davidovitch M., Rebellato J: Two-Couple Orthodontic Appliance Systems. Utility Arches: A Two-Couple Intrusion Arch. Semin Orthod, 1: 25-30, 1995.
97. Burstone CJ, Koenig H: Creative wire bending— The force system from step and V bends. Am J Orthod Dentofacial Orthop. 93: 59-67, 1988.
98. Isaacson R, Rebelato J: Two-couple orthodontic appliance systems: Torquing arches. Semin Orthod 1: 31-36, 1995.
99. Burstone CJ: Biomechanics of deep overbites correction. Semin Orthod, 7: 26-34, 2001.
100. Smith RJ, Burstone CJ: Mechanics of tooth movement. Am J Orthod 85: 294-307, 1984.

עדכנית ביומכניקה

101. Lucchese A, Manuelli M, Albertini P, Ghislanzoni LH: Transverse and torque dental changes after passive self-ligating fixed therapy: A two-year follow-up study Am J Orthod.156(1):94-103, 2019.

V. עקרונות הטיפול האורתודונטי ושיטות טיפול:

כללי:

102. Andrews LF: The Six keys to normal occlusion. Am J Orthod 62: 269-309, 1972.

103. Katz MI: Angle classification revisited. 1: Is current use reliable? Am J Orthod Dentofacial Orthop. 102: 173-179, 1992.

1. טיפול מוקדם:

104. Gianelly AA: One phase versus two-phase treatment. Am J Orthod Dentofacial Orthop 108: 556-559, 1995.
105. Tulloch FC, Proffit W, Phillips C: Outcomes in a 2-phase randomized clinical trial of early Class II treatment. Am J Orthod Dentofacial Orthop. 125: 657-67, 2004
106. Koroluk LD, Tulloch JF, Phillips C: Incisor trauma and early treatment for Class II Division 1 malocclusion. Am J Orthod Dentofacial Orthop. 123: 117-25, discussion 125-6, 2003.
107. Merwin D, Ngan P, Hagg U, Yiu C, Wei SH: Timing for effective application of anteriorly directed orthopedic force to the maxilla. Am J Orthod Dentofacial Orthop. 112: 292-9, 1997.
108. Brennan MM, Gianelly AA: The use of the lingual arch in the mixed dentition to resolve incisor crowding. Am J Orthod Dentofacial Orthop 117: 81-85, 2000.
109. Sankey WL, Buschang PH, English J, Owen AH: Early treatment of vertical skeletal dysplasia: The hyperdivergent phenotype. Am J Orthod Dentofacial Orthop 118: 317-327, 2000.
110. Marshall S, Southard K, Southard E: Early transverse treatment. Semin Orthod. 11: 130-139, 2005
111. Kokich O: Early management of congenitally missing teeth. Semin Orthod. 11: 146-151, 2005.

112. Mitani H: Early application of chincap therapy to skeletal Class III malocclusion. Am J Orthod Dentofacial Orthop. 121: 584-5, 2002.
113. Vig KWL, O'Brien K, Harrison J: Early orthodontic and orthopedic treatment. The search for evidence: Will it influence clinical practice? Handbook of Orthodontics, 33 Annual Moyers Symposium Ann Arbor Michigan: 13-39, 2006.

עדכנית טיפול מוקדם

114. Cha JY, Kennedy DB, Turley PK, Joondeph DR, Baik HS, Hwang C-J, Sinclair PM: Outcomes of early versus late treatment of severe Class II high-angle patients. Am J Orthod Dentofacial Orthop:156(3):375-382. 2019
115. Souki B, Nieri M, Pavoni C, Pavan Barros HM, Pereira T, Giuntini V, Cozza P, Franchi L. Development and validation of a prediction model for long-term unsuccess of early treatment of Class III malocclusion Eur J Orthod 1;42(2):200-205, 2020.
116. Lione R, Fusaroli D, Mucedero M, Paoloni V, Pavoni C, Cozza P: Changes in mandibular shape after early treatment in subjects with open bite: a geometric morphometric analysis Eur J Orthod 1;15(1):643-649 ,2020
117. Joosse MW, Mungcal J, Boero R, Chambers D, Oh H: Effects of long-term use of the lower lingual arch from 8.5 years to 13.2 years. Angle Orthod: 92 (2): 189–196, 2022.

2. בעיות ורטיקליות:

118. Vaden JL, Pearson LE: Diagnosis of the vertical dimension. Semin Orthod, 8: 120-130, 2002.

119. Neuppmann Feres M, Guimarães Abreu L, Martins Insabralde N, Rodrigues de Almeida M, Flores-Mir C.: Effectiveness of open bite correction when managing deleterious oral habits in growing children and adolescents: a systematic review and meta-analysis. Eur J Orthod. 39:31-42, 2017.

עדכנית בעיות ורטיקליות

120. Finklman S, Todoki L, Funkhouser E, Greenlee G, Choi K, Ko HC, Wang HF, Shapiro P, Khosravi R et al:: The National Dental Practice- Based Research Network Adult Anterior Open Bite Study: Patient satisfaction with treatment Am J Orthod Dentofacial Orthop: 158(6):e121-e136, 2020.
121. Del Castillo A, Vilanova L, Miranda F, Arriola-Guillén LE, Garib D, Janson G: Dentoskeletal changes in open bite treatment using spurs and posterior build-ups: A randomized clinical trial. Am J Orthod 159(1):10-20, 2021.
122. Del Castillo A, Bellini-Pereira S, Vilanova L, Miranda F, Arriola-Guillén LE, Garib D, Janson G: Dental arch changes after open bite treatment with spurs associated with posterior build-ups in the mixed dentition: A randomized clinical trial Am J Orthod 159(6):714-723, 2021.
123. Akl H,. Abouelezz A, El Sharaby F, El-Beialy A, El-Ghafou M. Force magnitude as a variable in maxillary buccal segment intrusion in adult patients with skeletal open bite: A double-blind randomized clinical trial. Angle Orthod 1;90(4):507-515, 2020.

Class II .3

כללי:

124. Brezniak N, Arad A, Heller M, Dinbar A, Dinte A, Wasserstein A: Pathognomonic cephalometric characteristics of Angle Class II Division 2 malocclusion. Angle Orthod. 72: 251-257, 2002.
125. George SM., Campbell PhM., Tadlock LP., Schneiderman E, Buschang PH. Keys to Class II correction: A comparison of 2 extraction protocols. Am J Orthod Dentofacial Orthop. 159:333-342, 2021.

CLASS II עדכנית

126. Tsichlaki A, Adcock R, Fleming P: A cross-sectional evaluation of the impact of Class II Division 1 malocclusion in treated and untreated adolescents on oral health–related quality of life Am J Orthod Dentofacial Orthop 160(1):58-65, 2021.

Headgear:

127. Jacobson A: A key to the understanding of extraoral forces. Am J Orthod 75: 361-386, 1979.
128. Hershey HG, Houghton CW, Burstone J: Unilateral face-bows: a theoretical and laboratory analysis. Am J Orthod 79: 229-49, 1981.
129. Baumrind S, Molthen R, West EE, Miller DM: Mandibular plane changes during maxillary retraction. Part 2. Am J Orthod. 74: 603-620, 1978.
130. Baumrind S, Molthen R, West EE, Miller DM: Mandibular plane changes during maxillary retraction. Am J Orthod. 74: 32-40, 1978
131. Haralabakis NB, Sifakakis IB: The effect of cervical headgear on patients with high or low mandibular plane and the myth of posterior mandibular rotation. Am J Orthod, 126: 310-317, 2004.

132. Lima Filho RM, Lima AL, de Oliveira Ruellas AC. Longitudinal study of anteroposterior and vertical maxillary changes in skeletal class II patients treated with Kloehn cervical headgear. Angle Orthod. 73: 187-193, 2003.

Thurow

133. Caldwell SF, Hymas TA, Timm TA: Maxillary traction splint: a cephalometric evaluation. Am J Orthod. 85: 376-384, 1984.
134. Thurow RC: Craniomaxillary orthopedic correction with en masse dental control. Am J Orthod. 68: 601-624, 1975.

מכשור פונקציונאלי:

135. Ruf S, Panchez H: Dentoskeletal effects and facial profile changes in young adults treated with the Herbst appliance. Angle Orthod 69: 239-245, 1999.
136. Schaefer AT, McNamara JA Jr, Franchi L, Baccetti T: A cephalometric comparison of treatment with Twin-block and stainless steel crown Herbst appliances followed by fixed appliance therapy. Am J Orthod Dentofacial Orthop 126: 7-15, 2004
137. Chen JY, Will LA, Niederman R: Analysis of efficacy of functional appliances on mandibular growth. Am J Orthod Dentofacial Orthop. 122: 470-476, 2002.
138. O`Brien K, Wright J, Conboy F et all.: Early treatment for Class II division 1 malocclusion with the Twin-block Appliance: A multi-center, randomized, controlled trial. Am J Orthod Dentofacial Orthop. 135: 573-579, 2009.

139. Banks P, Wright J, O`Brien K: Incremental versus maximum bite advancement during twin-block therapy: a randomized controlled clinical trial. Am J Orthod Dentofacial Orthop. 126: 583-8, 2004.
140. Bass N. Orthopedic coordination of dentofacial development in skeletal Class II malocclusion in conjunction with edgewise therapy. Part II. Am J Orthod, 1983, 84.6: 466-490.

עדכנית מכשור פונקציונלי

141. Manni A, Migliorati M, Calzolari C, Silvestrini-Biavati A: Herbst appliance anchored to miniscrews in the upper and lower arches vs standard Herbst: A pilot study. Am J Orthod, 156(5):617-625, 2019.

142. Moreira Oliveira P, Cheib-Vilefort PL, Pársia Gontijo H, Aquino Melgaço C, Franchi L, McNamara JA Jr, Quiroga Souki B. Three-dimensional changes of the upper airway in patients with Class II malocclusion treated with the Herbst appliance: A cone-beam computed tomography study. Am J Orthod, 157(2): 205-211, 2020.

מכשירי דיסטליזציה

143. Mavropoulos A, Sayinsu K, Allaf J, Kiliaridis S, Papadopoulos MA, Keles AO: Noncompliance unilateral maxillary molar distalization. Angle Orthod. 76:382-387, 2006.
144. Kim-Berman H, McNamara JA Jr, Lints JP, McMullen C, Franchi L. Treatment effects of the Carriere Motion 3D appliance for the correction of Class II malocclusion in adolescents. Angle Orthod. 89:839-846, 2019.

145. Angelieri F, Almeida R, Almeida M, Fuziy A. Dentoalveolar and skeletal changes associated with the pendulum appliance followed by fixed orthodontic treatment. Am Orthod Dentofacial Orthop 129:520-7, 2006.
146. Karlsson I, Bondemark L. Intraoral maxillary molar distalization: movement before and after eruption of second molars. Angle Orthod 76: 923−929, 2006.
147. Kinzinger GS, Eren M, Diedrich PR. Treatment effects of intraoral appliances with conventional anchorage designs for non-compliance maxillary molar distalization: a literature review. Eur J Orthod. 30:558-71, 2008.

עדכנית מכשירי דיסטליזציה

148. Shoaib A, Park J, Bayome M, Abbas N, Alfaifi M, Kook YA: Treatment stability after total maxillary arch distalization with modified C-palatal plates in adults Am Orthod Dentofacial Orthop 156(6):832-839, 2019.
149. Areepong D, Kim K, Oliver DR, Ueno H. The Class II Carriere Motion appliance: A 3D CBCT evaluation of the effects on the dentition, Angle Orthod 90(4): 923−929, 2020.

4. טיפול בבעיות טרנסברסליות ומכשירי הרחבה:

150. Haas AJ: Rapid expansion of the maxillary dental arch and nasal cavity by opening the midpalatal suture. Angle Orthod. 31: 73–90, 1961.
151. Bishara SE, Staley RN: Maxillary expansion: clinical implications. Am J Orthod Dentofacial Orthop. 91: 3-14, 1987.

152. Adkins MD, Nanda RS, Currier GF: Arch perimeter changes on rapid palatal expansion. Am J Orthod Dentofacial Orthop. 97: 194-199, 1990.
153. Davidovitch M, Efstathiou S, Sarne O, Vardimon AD: Skeletal and dental response to rapid maxillary expansion with 2- versus 4-band appliances. Am J Orthod Dentofacial Orthop. 127: 483-492, 1997.
154. Brunetto M, Da Silva Perieira andriani J, Ulema Riveiro GL, Locks A, Correa M, Ruhland Correa L: Three-dimensional assessment of buccal alveolar bone after rapid and slow maxillary expansion: A clinical trial study: Am J Orthod Dentofac Orthop 143: 633-644, 2013
155. Chang JY, McNamara JA, Herberger TA: A longitudinal study of skeletal side effects induced by rapid maxillary expansion. Am J Orthod Dentofacial Orthop. 112: 330-7, 1997.
156. Vardimon AD, Brosh T, Spiegler A, Lieberman M, Pitaru S: Rapid palatal expansion: Part 1. Mineralization pattern of the midpalatal suture in cats. Am J Orthod Dentofacial Orthop. 113: 371-8, 1998.
157. Suri L, Taneja P: Surgically assisted rapid palatal expansion: A literature review. Am J Orthod Dentofacial Orthop 133: 290-302, 2008.
158. Oliveira De Felippe NL, Da Silverra AC, Viana G, Kusnoto B, Smith B, Evans CA: Relationship between rapid maxillary expansion and nasal cavity size and airway resistance: Short- and long-term effects. Am J Orthod Dentofacial Orthop 134: 370-82, 2008.
159. Bench RW. The quad helix appliance. Semin Orthod 4: 231-237, 1998.

160. De Medeiros Alves AC, Janson G, McNamara JA Jr, Pereira Lauris JR, Gamba Garib D.: Maxillary expander with differential opening vs Hyrax expander: A randomized clinical trial Am J Orthod Dentofacial Orthop 157(1): 7-18, 2020.
161. Titus S, Larson B E, Grünheid T. Midpalatal suture density ratio: Assessing the predictive power of a novel predictor of skeletal response to maxillary expansion Am J Orthod Dentofacial Orthop 159(2): e157-e167 2021.
162. Fernandes LC, Farinazzo Vitral RW, Yoshito Noritomi P, Abrantes Schmitberger C, Da Silva Campos MJ. Influence of the hyrax expander screw position on displacement and stress distribution in teeth: A study with finite elements Am J Orthod Dentofacial Orthop 160(2):266-275. 2021
163. Kaur H, Owen B, Tran B, Guan R, Luo J et al. The biomechanics of posterior maxillary arch expansion using fixed labial and lingual appliances, Angle Orthod 90(5): 688-694, 2020.
164. Quinzi V, Federici Canova F, Rizzo FA, Marzo G, Rosa M, Primozic J. Factors related to maxillary expander loss due to anchoring deciduous molars exfoliation during treatment in the mixed dentition phase. Eur J Orthod. ;43(3):332-337. 2021
165. Bazargani F, Lund H, Magnuson A, Ludwig B. Skeletal and dentoalveolar effects using tooth-borne and tooth-bone-borne RME appliances: a randomized controlled trial with 1-year follow-up. Eur J Orthod.;43(3):245-253. 2021
166. Cho AR, Park JH, Moon W, Chae JM, Kang KH. Short-term effects of microimplant-assisted rapid palatal expansion on the circummaxillary sutures in skeletally mature patients: A cone-beam computed tomography

study. Am J Orthod Dentofacial Orthop.;161(2):e187-e197. 2022
167. Eguren M, Liñán-Duran C, Quezada M, Meneses A, Lagravère M. Midpalatal suture density ratio after rapid maxillary expansion evaluated by cone-beam computed tomography. Am J Orthod Dentofacial Orthop.;161(2):238-247. 2022
168. Tang H, Liu P, Xu Q, Hou Y, Guo J. A comparative analysis of aerodynamic and anatomic characteristics of upper airway before and after mini-implant-assisted rapid maxillary expansion. Am J Orthod Dentofacial Orthop. 2021;159(4):e301-e310.
169. DiCosimo C, Alsulaiman AA, Shah C, Motro M, Will LA, Parsi GK. Analysis of nasal airway symmetry and upper airway changes after rapid maxillary expansion. Am J Orthod Dentofacial Orthop. 2021;160(5):695-704.

<u>עקרונות הטיפול באסימטריות שונות:</u>

170. Bishara SE, Burkey PS, Kharouf JG: Dental and facial asymmetries: a review. Angle Orthod 64: 89-98, 1994
171. Shroff B, Siegel SM: Treatment of patients with asymmetries using asymmetric mechanics. Semin Orthod 4: 165-179, 1998
172. Ben-Bassat Y, Yaffe A, Brin I, Freeman J, Ehrlich Y: Functional and morphological-occlusal aspects in children treated for unilateral posterior cross-bite . Eur J Orthod. 15: 57-63, 1993

<u>עדכנית טיפול באסימטריה</u>

173. Evangelista K, Valladares-Neto J, Garcia Silva MA, Soares Cevidanes LH, de Oliveira Ruellas AC. Three-

dimensional assessment of mandibular asymmetry in skeletal Class I and unilateral crossbite malocclusion in 3 different age groups. Am J Orthod Dentofacial Orthop. 2020;158(2):209-220.

Face Mask - Reverse Headgear .5

174. Choi Y, Chang J, Chung C, Tahk J, Kim K. Prediction of long-term success of orthopedic treatment in skeletal Class III malocclusions Am J Orthod Dentofacial Orthop. 152:193-203, 2017.
175. Elnagar MH, Elshourbagy E, Ghobashy S, Khedr M, Kusnoto B, Evans CA. Three-dimensional assessment of soft tissue changes associated with bone-anchored maxillary protraction protocols. Am J Orthod Dentofacial Orthop. 152: 336-347, 2017.
176. Kim JH, Viana MA, Graber TM, Omerza FF, BeGole EA: The effectiveness of protraction face mask therapy: a meta-analysis. Am J Orthod Dentofacial Orthop. 115: 675-685, 1999.

עדכנית מסכת פנים ו-CLASS III

177. Liang S, Wang F, Chang Q, Bai Y. Three-dimensional comparative evaluation of customized bone-anchored vs tooth-borne maxillary protraction in patients with skeletal Class III malocclusion. Am J Orthod Dentofacial Orthop. 2021;160(3):374-384.
178. Palikaraki G, Makrygiannakis MA, Zafeiriadis AA, Benetou V, Sanoudos M, Bitsanis I, Tsolakis AI. The effect of facemask in patients with unilateral cleft lip and

palate: a systematic review and meta-analysis. Eur J Orthod. 2021 29;43(1):69-79.
179. McNamara JA, Franchi L, McClatchey LM, Kowalski SE, Cheeseman CC. Evaluation of adolescent and adult patients treated with the Carriere Motion Class III appliance followed by fixed appliances. Angle Orthod. 2021 ;91(2):149-156.
180. Yeon BM, Lee NK, Park JH, Kim JM, Kim SH, Kook YA. Comparison of treatment effects after total mandibular arch distalization with miniscrews vs ramal plates in patients with Class III malocclusion. Am J Orthod Dentofacial Orthop. 2022;161(4):529-536.

6. עקרונות הטיפול עם עקירות

השפעה על פרופיל:

181. Bishara SE, Jakobsen JR. Profile changes in patients treated with and without extractions: Assessments by lay people. Am J Orthod Dentofacial Orthop 112: 639-44, 1997.
182. Cansunar HA, Uysal T: Comparison of orthodontic treatment outcomes in nonextraction, 2 maxillary premolar extraction, and 4 premolar extraction protocols with the ABO objective grading system. Am J Orthod Dentofacial Orthop 145: 595-602, 2014.
183. Bowman SJ, Jhonston LE: The esthetic impact of extraction and nonextraction treatment on Caucasian patients. Angle Orthod 70: 3-10, 2000.

שינויים ורטיקליים

184. Aras A: Vertical changes following orthodontic extraction treatment in skeletal open bite subjects. Eur J Orthod. 24: 407-416, 2002.

עקירות שונות

185. Bishara SE, Burkey PS: Second molar extractions: A review. Am J Orthod Dentofacial Orthop 89: 415-424, 1986.
186. Canut JA: Mandibular incisor extraction: indication and long term evaluation. Eur J Orthod 18: 485-489, 1996.
187. Faerovig E, Zachrisson BU: Effect of mandibular incisor extraction on anterior occlusion in adults with Class III malocclusion and reduced overbite. Am J Orthod Dentofacial Orthop 115: 113-124, 1999.

עדכנית – עקירות שונות

188. Vilhjálmsson G, Zermeno JP, Proffit WR. Orthodontic treatment with removal of one mandibular incisor: Outcome data and the importance of extraction site preparation. Am J Orthod Dentofacial Orthop.,56(4):453-463. 2019

השפעת העקירות על שיני בינה

189. Moffitt AH: Eruption and function of maxillary third molars after extraction of second molars. Angle Orthod 68: 147-152, 1998.
190. Gooris CGM, Artun J, Joondeph DR: Eruption of mandibular third molars after second molar extractions: A radiographic study. Am J Orthod Dentofacial Orthop 98: 161-167, 1990.

עדכנית עקירות שיני בינה

191. Baik UB, Bayome M, Abbas NH, Park JH, Lee UL, Kim YJ. Factors associated with spontaneous angular changes

of impacted mandibular third molars as a result of second molar protraction. Am J Orthod Dentofacial Orthop.;156(2):178-185. 2019.
192. Baik UB, Kang JH, Lee UL, Vaid NR, Kim YJ, Lee DY. Factors associated with spontaneous mesialization of impacted mandibular third molars after second molar protraction. Angle Orthod. ;90(2):181-186. 2020

<u>עקירות מוקדמות:</u>

193. Hotz RP: Guidance of eruption versus serial extractions. Am J Orthod Dentofacial Orthop 58: 1-20, 1970.
194. Haruki T, Little R: Early versus late treatment of crowded first premolar extraction cases: Postretention evaluation of stability and relapse. Angle Orthod 68: 61-68, 1998.
195. Little RM, Reidel RA, Engst ED: Serial extraction of first premolars - postretention evaluation of stability and relapse. Angle Orthod. 60: 255-262, 1998.

<u>עדכנית עקירות מוקדמות</u>

196. Aljabab MA, Algharbi M, Huggare J, Bazargani F. Impact of early extraction of the deciduous canine on relief of severe crowding. Angle Orthod. 1;91(6):743-748. 2021

7.<u>שתלים אורתודונטיים:</u>

197. Baumgaertel S, Razavi MR, Hans MG: Mini-implant anchorage for the orthodontic practitioner. Am J Orthod Dentofacial Orthop 133: 621-627, 2008.
198. Cornelis MA, Scheffler NR, De Clerck HJ, Tulloch C. Behets CN: Systematic review of the experimental use

of temporary skeletal anchorage devices in orthodontics. Am J Orthod Dentofacial Orthop 131 (4 Supplement): S52-S58, 2007.
199. Sugawara J, Kanzaki R, Takahashi I, Nagasaka H, Nanda R: Distal movement of maxillary molars in nongrowing patients with the skeletal anchorage system. Am J Orthod Dentofacial Orthop 129: 723-733, 2006.
200. Yao CC, Lai EH, Chang JZ, Chen I, Chen YJ: Comparison of treatment outcomes between skeletal anchorage and extraoral anchorage in adults with maxillary dentoalveolar protrusion. Am J Orthod Dentofacial Orthop 134: 615-624, 2008.
201. Park HS, Jeong SH, Kwon OW. Factors affecting the clinical success of screw implants used as orthodontic anchorage. Am J Orthod Dentofacial Orthop 130: 18-25, 2006.
202. Kuroda S, Sakai Y, Tamamura N, Deguchi T, Takano-Yamamoto T. Treatment of severe anterior open bite with skeletal anchorage in adults: Comparison with orthognathic surgery outcomes. Am J Orthod Dentofacial Orthop 2007;132:599-605.
203. Kadioglu O, Buyukyilmaz T, Zachrisson BU, Maino BG: Contact damage to root surface of premolars touching miniscrews during orthodontic treatment. Am J Orthod Dentofacial Orthop 134: 353-360, 2008.
204. Brisceno CE, Rossouw PE, Carrillo R, Spears R, Buschang PH: Healing of the roots and surrounding structures after intentional damage with miniscrew implants. Am J Orthod Dentofacial Orthop 135: 292-301, 2009.
205. Hourfar J, Kanavakis G, Bister D, Schätzle M, Awad L, Nienkemper M, Goldbecher C, Ludwig B. Three dimensional anatomical exploration of the anterior hard palate at the level of the third ruga for the placement of

mini-implants--a cone-beam CT study. Eur J Orthod. 37:589-95, 2015
206. Du B, Zhu J, Li L, Fan T, Tan J, Lic J. Bone depth and thickness of different infrazygomatic crest miniscrew insertion paths between the first and second maxillary molars for distal tooth movement: A 3-dimensional assessment. Am J Orthod Dentofacial Orthop. 160: 113-23, 2021.

עדכנית שתלים

207. Becker K, Unland J, Wilmes B, Tarraf NE, Drescher D. Is there an ideal insertion angle and position for orthodontic mini-implants in the anterior palate? A CBCT study in humans. Am J Orthod Dentofacial Orthop.;156(3):345-354. 2019
208. Alkan Ö, Kaya Y. The thickness of posterior buccal attached gingiva at common miniscrew insertion sites in subjects with different facial types. Am J Orthod Dentofacial Orthop.;156(6):800-807. 2019
209. Li N, Sun W, Li Q, Dong W, Martin D, Guo J. Skeletal effects of monocortical and bicortical mini-implant anchorage on maxillary expansion using cone-beam computed tomography in young adults. Am J Orthod Dentofacial Orthop. ;157(5):651-661. 2020
210. Vargas EOA, Lopes de Lima R, Nojima LI. Mandibular buccal shelf and infrazygomatic crest thicknesses in patients with different vertical facial heights. Am J Orthod Dentofacial Orthop.;158(3):349-356. 2020
211. Tepedino M, Cattaneo PM, Niu X, Cornelis MA. Interradicular sites and cortical bone thickness for miniscrew insertion: A systematic review with meta-

analysis. Am J Orthod Dentofacial Orthop.;158(6):783-798. 2020
212. Srinivasan S, Tee BC, Wang A, Gohel A, Kim DG, Deguchi T, Sun Z. Reliability and accuracy of assessing temporary anchorage device-tooth root contact with cone-beam computed tomography. Am J Orthod Dentofacial Orthop.;159(3):271-280. 2021

IPR

213. Sheridan JJ: Air rotor stripping update. J Clin Orthod 21: 781-788, 1987.
214. Sheridan JJ, Hastings J: Air rotor stripping and lower incisor extraction treatment. J Clin Orthod 26: 18-22, 1992.

עדכנית IPR

215. Ozturk T, Yagci A. Association between incisor positions and amount of interdental stripping in patients undergoing orthodontic treatment. Am J Orthod Dentofacial Orthop. 2021 Jun;159(6):e439-e448.

Finishing:

216. Zahcrisson BU: On Excellence in finishing. Part 2. J Clin Orthod 20: 536-556, 1986.
217. Kokich VG: Excellence in finishing: modifications for the perio-restorative patient. Semin Orthod. 9: 184-203, 2003.

עדכנית Finishing

218. Lindsey DH, Shroff B, Carrico CK, Dodd J, Lindauer SJ. Orthodontists' and parents' perception of finished occlusion

and willingness to extend treatment time. Am J Orthod Dentofacial Orthop. 2020 Dec;158(6):799-806.
219. Aktas B, Celebi F, Bicakci AA. The effect of orthodontist change on treatment duration and outcomes. Am J Orthod Dentofacial Orthop. 2022 Jan;161(1):e80-e86.

VI. אנומליות דנטליות:

כללי

220. Shalish M, Peck S, Wasserstein A, Peck L. Increased occurrence of dental anomalies associated with infraocclusion of deciduous molars. Angle Orthod. 80:440–445, 2010.
221. Baccetti T: A controlled study of associated dental anomalies. Angle Orthod. 68: 267-74, 1998.

חוסר שיניים מולד

222. Czochrowska E, Zachrisson BU: Outcome of tooth transplantation: Survival and success rates 17-41 years posttreatment. Am J Orthod Dentofacial Orthop. 121: 110-119, 2002.
223. Thilander B, Odman J, Lekholm U: Orthodontic aspects of the use of oral implants in adolescents: a 10-year follow-up study. Eur J Orthod. 23: 715-31, 2001.
224. Kokich VO, Kinzer GA: Managing congenitally missing lateral incisors, Part I: Canine substitution. J Esthet Restor Dent, 17: 1-6, 2005.
225. Kokich VO, Kinzer GA: Managing congenitally missing lateral incisors, Part II: tooth-supported restorations. J Esthet Restor Dent. 17: 76-84, 2005.
226. Kokich VO, Kinzer GA: Managing congenitally missing lateral incisors, Part III: single tooth implant. J Esthet Restor Dent, 17: 202-210, 2005.

227. Hua F, He H, NGan P, Bouzid W: Prevalence of peg-shaped maxillary permanent lateral incisors: A meta-analysis. Am J Orthod Dentofacial Orthop 144: 97-109, 2013.
228. Vastardis H: The genetics of human tooth agenesis: New discoveries for understanding dental anomalies. Am J Orthod Dentofacial Orthop 117: 650-656, 2000.

עדכנית חוסר שיניים מולד

229. Amm EW, Antoszewska-Smith J, Boley J. Canine substitution of congenitally missing maxillary lateral incisors in Class I and Class III malocclusions by using skeletal anchorage. Am J Orthod Dentofacial Orthop.;156(4):512-521. 2019
230. Josefsson E, Lindsten R. Treatment of missing maxillary lateral incisors: a clinical and aesthetic evaluation. Eur J Orthod. ;41(3):273-278. 2019
231. Hvaring CL, Birkeland K. The long-term fate of persisting deciduous molars and canines in 42 patients with severe hypodontia: a 12-year follow-up. Eur J Orthod. 21:581-586 2019
232. Beltrami F, Antonarakis GS, Kiliaridis S. Prevalence, distribution, and age at clinical detection of missing permanent incisors. Eur J Orthod. ;43(1):25-28. 2021

Tooth transpositions:

233. Shapira Y, Kuftinec M: Tooth transpositions – a review of the literature and the treatment considerations. Angle Orthod. 59: 271-276, 1989.

שיניים כלואות:

234. Ericson S, Kurol J: Early treatment of palatally erupting maxillary canines by extraction of the primary canines. Eur J Orthod 10: 283-295, 1988.
235. Peck S, Peck L, Kataja M: The palatally displaced canine as a dental anomaly of genetic-origin. Angle Orthod. 64: 249-256, 1994.
236. Ericson S, Kurol J: Resorption of maxillary lateral incisors caused by ectopic eruption of the canines. A clinical and radiographic analysis of predisposing factors. Am J Orthod Dentofacial Orthop. 94: 503-513, 1988.
237. Brin I. Becker A. Zilberman Y: Resorbed lateral incisors adjacent to impacted canines have normal crown size. Am J Orthod Dentofacial Orthop 104: 60 – 66, 1993.
238. Becker API, Chaushu SPI. Success rate and duration of orthodontic treatment for adult patients with palatally impacted maxillary canines. Am J Orthod Dentofac Orthop 124:509-514, 2003.
239. Becker A, Chaushu S. Long-term follow-up of severely resorbed maxillary incisors following resolution of etiologically-associated canine impaction. Am J Orthod Dentofac Orthop 127:650-654, 2005.
240. Becker, Chaushu G, Chaushu S. An analysis of failure in the treatment of impacted maxillary canines. Am J Orthod Dentofac Orthop 137:743-754, 2009.
241. Chaushu S, Becker T, Becker A: Impacted central incisors: factors affecting prognosis and treatment duration. Am J Orthod Dentofacial Orthop. 2015 Mar;147(3):355-62.
242. Becker A, Chaushu S. Surgical Treatment of Impacted Canines: What the Orthodontist Would Like the Surgeon to Know. Oral Maxillofac Surg Clin North Am. 2015 Aug;27(3):449-58

243. Kokich V: Periodontal response to early uncovering, autonomous eruption and orthodontic alignment of palatally impacted maxillary canines. Am J Orthod Dentofacial Orthop 131:303-4, 2007.

עדכנית שיניים כלואות

244. la Monaca G, Cristalli MP, Pranno N, Galluccio G, Annibali S, Pippi R. First and second permanent molars with failed or delayed eruption: Clinical and statistical analyses. Am J Orthod Dentofacial Orthop.;156(3):355-364. 2019
245. Arriola-Guillén LE, Aliaga-Del Castillo A, Ruíz-Mora GA, Rodríguez-Cárdenas YA, Dias-Da Silveira HL. Influence of maxillary canine impaction characteristics and factors associated with orthodontic treatment on the duration of active orthodontic traction. Am J Orthod Dentofacial Orthop.;156(3):391-400. 2019
246. Kalavritinos M, Benetou V, Bitsanis E, Sanoudos M, Alexiou K, Tsiklakis K, Tsolakis AI. Incidence of incisor root resorption associated with the position of the impacted maxillary canines: A cone-beam computed tomographic study. Am J Orthod Dentofacial Orthop.;157(1):73-79. 2020
247. Zeno KG, Mustapha S, Ayoub G, Ghafari JG. Effect of force direction and tooth angulation during traction of palatally impacted canines: A finite element analysis. Am J Orthod Dentofacial Orthop.;157(3):377-384. 2020
248. Dekel E, Nucci L, Weill T, Flores-Mir C, Becker A, Perillo L, Chaushu S. Impaction of maxillary canines and its effect on the position of adjacent teeth and canine development: A cone-beam computed

tomography study. Am J Orthod Dentofacial Orthop.;159(2):e135-e147. 2021
249. Hadler-Olsen S, Sjögren A, Steinnes J, Dubland M, Bolstad NL, Pirttiniemi P, Kerosuo H, Lähdesmaki R. Double vs single primary tooth extraction in interceptive treatment of palatally displaced canines. Angle Orthod. ;90(6):751-757. 2020
250. Ferguson DJ, Rossais DA, Wilcko MT, Makki L, Stapelberg R. Forced-eruption time for palatally impacted canines treated with and without ostectomy-decortication technique. Angle Orthod. ;89(5):697-704. 2019
251. Rafflenbeul F, Gros CI, Lefebvre F, Bahi-Gross S, Maizeray R, Bolender Y. Prevalence and risk factors of root resorption of adjacent teeth in maxillary canine impaction, among untreated children and adolescents. Eur J Orthod.;41(5):447-453. 2019
252. Mucedero M, Rozzi M, Di Fusco G, Danesi C, Cozza P. Morphometric analysis of the palatal shape and arch dimension in subjects with buccally displaced canine. Eur J Orthod. 42(5):544-550. 2020
253. Björksved M, Arnrup K, Bazargani SM, Lund H, Magnusson A, Magnuson A, Lindsten R, Bazargani F. Open vs closed surgical exposure of palatally displaced canines: a comparison of clinical and patient-reported outcomes-a multicentre, randomized controlled trial. Eur J Orthod. ;43(5):487-497. 2021

שסעים:

254. Grayson BH, Sheyte PR: Presurgical nasoalveolar molding treatment in cleft lop and palate pateints. Indian J Plast Surg. 42 Suppl: S56-61, 2009.
255. Wantia N, Rettinger G: The current understanding of cleft lip malformation. Facial Plast Surg. 18: 147-153, 2002.

256. Hathaway RR, Long REJr: Early cleft management: In search of evidence. Am J Orthod Dentofacial Orthop 145: 134-142, 2014.
257. Waite PD, Waite DE: Bone grafting for the alveolar cleft defect. Semin Orthod. 2: 192-6. 1996.
258. Vlachos CC: Orthodontic treatment for the cleft palate patient. Seminars Orthod 2: 197-204, 1996.

עדכנית שסעים

259. Vandersluis YR, Fisher DM, Stevens K, Tompson BD, Lou W, Suri S. Comparison of dental outcomes in patients with nonsyndromic complete unilateral cleft lip and palate who receive secondary alveolar bone grafting before or after emergence of the permanent maxillary canine. Am J Orthod Dentofacial Orthop. 2020 May;157(5):668-679.
260. Lacerda RHW, Vieira AR. Retrognathic maxilla in individuals born with oral clefts is due to intrinsic factors and not only due to early surgical treatment. Angle Orthod. 2021 Mar 1;91(2):243-247.
261. Schwartz JP, Garib DG. Dental anomalies frequency in submucous cleft palate versus complete cleft palate. Eur J Orthod. 2021 Aug 3;43(4):394-398
262. Caceres Manfio AS, Suri S, Dupuis A, Stevens K. Eruption path of permanent maxillary canines after secondary alveolar bone graft in patients with nonsyndromic complete unilateral cleft lip and palate. Am J Orthod Dentofacial Orthop. 2022 May;161(5):e416-e428.

VII. אורתו כירורגיה:

צפלומטריה:

263. Fish LC, Epker BN: Surgical-orthodontic cephalometrics prediction tracing. J Clin Orthod 14: 36-52, 1980.
264. Legan HL, Burstone CJ: Soft tissue cephalometric analysis for orthognathic surgery. J Oral Surg 38:744-71, 1980.
265. Arnett GW, Bergman RT: Facial keys to orthodontic and treatment planning. Part I. Am J Orthod Dentofacial Orthop 103: 299-312, 1993.
266. Arnett GW, Bergman RT: Facial keys to orthodontic and treatment planning. Part II. Am J Orthod Dentofacial Orthop 103: 395-411, 1993.

יציבות הטיפול הכירורגי:

267. Proffit WR, Turvey TA, Phillips S: The hierarchy of stability and predictability in orthognathic surgery with rigid fixation: an update and extension. Head Face Med. 2007: 30: 3-21, 2007.
268. Mihalik CA, William R, Proffit WR, Phillips C: Long term follow-up of class II adults treated with orthodontic camouflage: A comparison with orthognathic surgery outcomes. Am J Orthod Dentofacial Orthop 123: 266-278, 2003.

עדכנית יציבות הטיפול הכירורגי

269. Torgersbråten N, Stenvik A, Espeland L. A comparison of Class II open bite correction by maxillary or mandibular surgery. Am J Orthod Dentofacial Orthop.;157(5):631-640 2020
270. Ehardt L, Ruellas A, Edwards S, Benavides E, Ames M, Cevidanes L. Long-term stability and condylar remodeling

after mandibular advancement: A 5-year follow-up. Am J Orthod Dentofacial Orthop.;
159(5):613-626. 2021
271. Trevisiol L, Bersani M, Sanna G, Nocini R, D'Agostino A. Posterior airways and orthognathic surgery: What really matters for successful long-term results? Am J Orthod Dentofacial Orthop.
161(5):e486-e497. 2022

<u>אפקטים קליניים, סיבוכים ותופעות לוואי:</u>

272. Panula K, Finne K, Oikarinen K: Incidence of complications and problems related to orthognathic surgery: a review of 655 patients. J Oral Maxillofac Surg. 59: 1128-36, 2001.

<u>עדכנית סיבוכים ותופעות לוואי</u>

273. Yi J, Lu W, Xiao J, Li X, Li Y, Zhao Z. Effect of conventional combined orthodontic-surgical treatment on oral health-related quality of life: A systematic review and meta-analysis. Am J Orthod Dentofacial Orthop.156(1):29-43. 2019
274. de Araujo CM, Schroder AGD, de Araujo BMM, Cavalcante-Leão BL, Stechman-Neto J, Zeigelboim BS, Santos RS, Guariza-Filho O. Impact of orthodontic-surgical treatment on quality of life: a meta-analysis. Eur J Orthod. ;42(3):281-289. 2020
275. Torgersbråten N, Stenvik A, Espeland L. Bimaxillary surgery to correct high-angle class II malocclusion: does a simultaneous genioplasty affect long-term stability? Eur J Orthod. 42(4):426-433. 2020

276. Bortolotti F, Solidoro L, Bartolucci ML, Incerti Parenti S, Paganelli C, Alessandri-Bonetti G. Skeletal and dental effects of surgically assisted rapid palatal expansion: a systematic review of randomized controlled trials. Eur J Orthod.;42(4):434-440. 2020

עיתוי הטיפול:

277. Wolford LM, Karras SC, Mehra P: Considerations for orthognathic surgery during growth, part 1: mandibular deformities. Am J Orthod Dentofacial Orthop. 119: 95-101, 2001.
278. Wolford LM, Karras SC, Mehra P: Considerations for orthognathic surgery during growth, part 2: maxillary deformities. Am J Orthod Dentofacial Orthop. 119: 102-105, 2001.

Distraction Osteogenesis:

279. Grayson BH, Santiago PE: Treatment planning and biomechanics of distraction osteogensis form an orthodontic perspective. Semin Orthod. 5: 9-24, 1999.
280. Swennen G, Schliephace J, Dempf R, Scierle C: Craniofacial distraction osteogenesis: a review of the literature. Part 1: Clinical studies. Int J oral maxillofac surg. 30: 89-103, 2001.
281. Molina F: Distraction osteogenesis for the cleft lip and palate patient. Clin Plastic Surg 31: 291-302, 2004.
282. Rachmiel A, Aizenbud D, Pillar G, Srouji s, Peled M: Bilateral mandibular distraction for patients with compromised airway analyzed by three-dimentional CT. Int J Oral Maxillofac Surg. 34: 9-18, 2005.
283. Chua HD, Hagg MB, Cheung LK: Cleft maxillary distraction versus orthognathic surgery. Which one is

more stable in 5 years? Oral Surg Oral Med Oral Pathol Oral Radiol Endod 109: 803-814, 2010.
284. Ow A. Cheung LK: Bilateral sagittal split osteotomies and mandibular distraction osteogenesis: a randomized controlled trial comparing skeletal stability. Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 109: 17-23, 2010.

distruction osteogenesis עדכנית

285. Wang J, Yuan L, Liu J, Mao L, Xia L, Fang B. Hemifacial microsomia treated with a hybrid technique combining distraction osteogenesis and a mandible-guided functional appliance: Pilot study. Am J Orthod Dentofacial Orthop. 155(6):801-811. 2019

VIII. תגובה ביולוגית להפעלת כוח אורתודונטי

286. Rygh P: Ultrastructural changes in pressure zone of human periodontium incident to orthodontic tooth movement. Acta Odont Scand 31: 109-122, 1973.
287. Atherton JD: The gingival response to orthodontic tooth movement. Am J Orthodontics. 58: 179-186, 1970.
288. Pilon J, Kuijpers-Jagtam AM, Maltha JC: Magnitude of orthodontic forces and rate of bodily tooth movement. Am J Orthod Dentofacial Orthop 110: 16-23, 1996.
289. Hennenman S, Von der Hoff JW, Maltha JC: Mechanobiology of tooth movement. Eur J Orthod 30: 299-306, 2008.
290. Krishnan V, Davidovitch Z. On a path to unfolding the biological mechanisms of orthodontic tooth movement. J Dent Res. 2009 Jul;88(7):597-608 226.

291. Diravidamani K, Sivalingam SK, Agarwal V. Drugs influencing orthodontic tooth movement: An overall review. J Pharm Bioallied Sci. 2012 Aug;4(Suppl 2):S 299-303.
292. Bartzela T, Turp JC, Motschall E, Maltha JC: Medication effects on the rate of orthodontic tooth movement: A systematic review. Am J Orthod Dentofacial Orthop 135: 16-26, 2009.

עדכנית תגובה ביולוגית

293. Eksriwong T, Thongudomporn U. Alveolar bone response to maxillary incisor retraction using stable skeletal structures as a reference. Angle Orthod. 2021 Jan 1;91(1):30-35.
294. Mitus-Kenig M, Derwich M, Czochrowska E, Pawlowska E. Cancer survivors present significantly lower long-term stability of orthodontic treatment: a prospective case-control study. Eur J orthod.;43(6):631-638. 2021

IX. טיפול בחבלות דנטליות:

295. Steiner DR, West JD: Orthodontic-Endodontic treatment planning of traumatized teeth. Semin Orthod 3: 39-44, 1997.
296. Fields HW, Christensen JR: Orthodontic procedures after trauma: Pediatr Dent 35: 175-183, 2013
297. Bauss O, Rohling J, Sadat-Khonsari R, Kiliaridis S: Influence of orthodontic intrusion on pulpal vitality of previously traumatized maxillary permanent incisors. Am J Orthod Dentofacial Orthop. 134: 12-17,2008 .

298. Diangelis AJ, Andreasen JO, Ebeleseder KA, Kenny DJ, Trope M, Sigurdsson A, Andersson L, Bourguignon C, Flores MT, Hicks ML, Lenzi AR, Malmgren B,Moule AJ, Pohl Y, Tsukiboshi M: International Association of Dental Traumatology guidelines for the management of traumatic dental injuries: 1. Fractures and luxations of permanent teeth
299. Andersson L, Andreasen JO, Day P, Heithersay G, Trope M, Diangelis AJ, Kenny DJ, Sigurdsson A, Bourguignon C, Flores MT, Hicks ML, Lenzi AR, Malmgren B, Moule AJ, Tsukiboshi M: International Association of Dental Traumatology guidelines for the management of traumatic dental injuries: 2. Avulsion of permanent teeth.

X. נזקים ותופעות לוואי בטיפול:

ספיגת שורשים על רקע אורתודונטי (OIARR)

300. Brezniak N, Wasserstein A: Orthodontically induced inflammatory root resorption. Part I: The basic science aspects. Angle Orthod. 72: 175-179, 2002.
301. Brezniak N, Wasserstein A: Orthodontically induced inflammatory root resorption. Part II: The clinical aspects. Angle Orthod. 72: 180-184, 2002.
302. Lavander E, Malmgren O: Long-term follow-up of maxillary incisors with severe apical root resorption. Eur J Orthod 22: 85-92, 2000.
303. Weltman B, Vig KWL, Fields HW, Shanker S, Kaizar EE. Root resorption associated with orthodontic tooth movement: A systematic review, Am J of Orthod Dentofac Orthop 137:462-476, 2010.

304. Chiqueto K, Martins DR, Janson G. Effect of accentuated and reversed curve of Spee on apical root resorption. Am J Orthod Dentofacial Orthop. 133: 261-268, 2008

עדכנית ספיגת שורשים

305. Linkous ER, Trojan TM, Harris EF. External apical root resorption and vectors of orthodontic tooth movement. Am J Orthod Dentofacial Orthop. 2020 Nov;158(5):700-709.
306. Currell SD, Blackmore Grant PD, Esterman A, Nimmo A. The clinical management of orthodontically-induced external root resorption: A questionnaire survey. Am J Orthod Dentofacial Orthop. 2021 Sep;160(3):385-391.
307. Kolcuoğlu K, Oz AZ. Comparison of orthodontic root resorption of root-filled and vital teeth using micro-computed tomography. Angle Orthod. 2020 ;90(1):56-62.
308. Akl HE, El-Beialy AR, El-Ghafour MA, Abouelezz AM, El Sharaby FA. Root resorption associated with maxillary buccal segment intrusion using variable force magnitudes. Angle Orthod. 2021 Nov 1;91(6):733-742.
309. Bellini-Pereira SA, Almeida J, Aliaga-Del Castillo A, Dos Santos CCO, Henriques JFC, Janson G. Evaluation of root resorption following orthodontic intrusion: a systematic review and meta-analysis. Eur J Orthod. 2021 3;43(4):432-441.

עששת ו-WSL:

310. Derks A, Katsaros C, Frencken JE, van't Hof MA, Kuijpers-Jagtman AM: Caries-inhibiting effect of preventive measures during orthodontic treatment with

fixed appliances. A systematic review. Caries Res. 38: 413-20, 2004. 243.
311. Zachrisson B, Minster L, Ogaard B, Birkhed D. Dental health assessed after interproximal enamel reduction: caries risk in posterior teeth. Am J Orthod Dentofacial Orthop. 2011 Jan;139(1).
312. Akin M, Basciftci FA: Can white spot lesions be treated effectively? Angle Orthod 82: 770-775, 2012.
313. Chadwick BL, Roy J, Knox J, Treasure ET: The effect of topical fluorides on decalcifications in patients with fixed orthodontic appliances: a systematic review. Am J Orthod Dentofacial Orthop. 128: 601-606, 2005.

עדכנית עששת

314. Enerbäck H, Lingström P, Möller M, Nylén C, Bresin CÖ, Ros IÖ, Westerlund A. Validation of caries risk assessment methods in orthodontic patients. Am J Orthod Dentofacial Orthop. 2020 Jul;158(1):92-101.e3.
315. ElShehaby M, Mofti B, Montasser MA, Bearn D. Powered vs manual tooth brushing in patients with fixed orthodontic appliances: A systematic review and meta-analysis. Am J Orthod Dentofacial Orthop. 2020 Nov;158(5):639-649.
316. Barnhart EC, Campbell PM, Noureldin A, Julien K, Buschang PH. The quality of etched enamel in different regions and tooth types and its significance in bonding and the development of white spot lesions. Angle Orthod. 2021 Sep 1;91(5):576-582.

:Face-bow injuries

317. Samuels RH: A review of orthodontic face-bow injuries and safety equipment. Am J Orthod Dentofacial Orthop. 110: 269-272, 1996.

<u>נזקי זגוגית לאחר הורדת סמכים:</u>

318. Brosh T, Kaufman A, Balbanovsky A, Vardimon AD: In vivo debonding strength and enamel damage in two orthodontic methods. J Biomech. 38: 1107-13, 2005
319. Pont HB, Özcan M, Bagis B, Ren Y. Loss of surface enamel after bracket debonding: an in-vivo and ex-vivo evaluation. Am J Orthod Dentofacial Orthop. 2010 Oct;138(4): 387.e1-9.
320. Ireland AJ, Hosein I, Sherriff M, Enamel loss at bond-up, debond and clean-up following the use of conventional light-cured composite and resin modifies glass polyalkenoate cement. Eur J Orthod. 27: 413-19, 2005.

<u>אלרגיה או תגובות סיסטמיות שונות למכשור או פעולות אורתו:</u>

321. Noble J, Ahing SI, Karaiskos NE, Wiltshire WA. Nickel allergy and orthodontics, a review and report of two cases. Br. Dent J. 204: 297-300, 2008.
322. Wilson W. et al. Prevention of infective endocarditis: Guidelines from the American Heart Association. The journal of the American dental association. 138: 739-60, 2007.
323. Costantinides F, Clozza E, Ottaviani G, Gobbo M, Tirelli G, Biasotto M. Antibiotic prophylaxis of infective endocarditis in dentistry: clinical approach and controversies. Oral Health Prev Dent. 2014;12(4):305-11.

324. Ting S, Attaia D, Johnson KB, Kossa SS, Friedland B, Allareddy V, Masoud MI. Can modifying shielding, field of view, and exposure settings make the effective dose of a cone-beam computed tomography comparable to traditional radiographs used for orthodontic diagnosis? Angle Orthod. 2020 Sep 1;90(5):655-664.

XI. יציבות הטיפול האורתודונטי: רטנציה ורילפס

כללי:

325. Blake M, Bibby K: Retention and stability: A review of the litrature. Am J Orthod Dentofacial Orthop 114: 229-306, 1998.
326. Huang GJ: Long term stability of anterior open bite therapy: a review. Seminars in Orthodontics. 162-173, 2002.
327. Zahcrisson BU: Important aspects of long-term stability. J Clin Orthod 31: 562-583, 1997.
328. Nanda RS, Nanda SK: Considerations of dentofacial growth in long-term retention and stability: Is active retention needed? Am J Orthod Dentofacial Orthop 101: 297-302, 1992
329. Little RM, Reidel RA, Artun J: An evaluation of changes in mandibular anterior alignment from 10 to 20 years postretention . Am J Orthod Dentofacial Orthop 93: 423-438, 1988.

עדכנית יציבות

330. Abdulraheem S, Schütz-Fransson U, Bjerklin K. Teeth movement 12 years after orthodontic treatment

with and without retainer: relapse or usual changes? Eur J Orthod. 2020 Jan 27;42(1):52-59.
331. Krämer A, Sjöström M, Hallman M, Feldmann I. Vacuum-formed retainer versus bonded retainer for dental stabilization in the mandible-a randomized controlled trial. Part I: retentive capacity 6 and 18 months after orthodontic treatment. Eur J Orthod. 2020 Nov 3;42(5):551-558.
332. Krämer A, Sjöström M, Hallman M, Feldmann I. Vacuum-formed retainers and bonded retainers for dental stabilization-a randomized controlled trial. Part II: patients' perceptions 6 and 18 months after orthodontic treatment. Eur J Orthod. 2021 Apr 3;43(2):136-143.

השפעת שיני בינה:

333. Bishara SE: Third molars: A dilemma! Or is it? Am J Orthod Dentofacial Orthop 115: 628-633, 1999.
334. Richardson ME: The role of the third molar in the cause of late lower arch crowding: A rview. Am J Orthod Dentofacial Orthop 95: 79-83, 1989.
335. Amin G. Ades, et al. A long-term study of the relationship of third molars to changes in themandibular dental arch, Am J Orthod Dentofacial Orthop, 97:323–335, 1990.

יציבות מימד אנכי:

336. Kim TW, Little RM: Postretention assessment of deep overbite correction in Class II Division 2 malocclusion. Angle Orthod 69: 175-186, 1999.
337. Lopez-Gavito G, Wallen TR, Little RM, Joondeph DR: Anterior open-bite malocclusion: A longitudinal 10-year

postretention evaluation of orthodontically treated patient. Am J Orthod Dentofacial Orthop 87: 175-186, 1985.

שונות

338. Al Yami EA, Kuijpers-Jagtman AM, van't Hof MA: Stability of orthodontic treatment outcome: follow-up until 10 years postretention. Am J Orthod Dentofacial Orthop 115: 300-304, 1999.
339. Edwards JG: A long-term prospective evaluation of the circumferential supracrestal fiberotomy in alleviating orthodontic relapse. Am J Orthod Dentofacial Orthop 93: 380-387, 1998
340. Booth FA, Edelman JM, Proffit WR: Twenty-year follow-up of patients with permanently bonded mandibular canine –to-canine retainers. Am J Orthod Dentofacial Orthop 133: 70-6, 2008.

עדכנית יציבות שונות

341. Korkmaz YN, Arslan S. Transfer accuracy of four different lingual retainer transfer methods using digital orthodontic models. Angle Orthod. 2021 Nov 1;91(6):778-785.
342. Carruitero MJ, Aliaga-Del Castillo A, Garib D, Janson G. Stability of maxillary interincisor diastema closure after extraction orthodontic treatment. Angle Orthod. 2020 Sep 1;90(5):627-633.
343. Sonesson M, Naraghi S, Bondemark L. Cost analysis of two types of fixed maxillary retainers and a removable vacuum-formed maxillary retainer: a randomized controlled trial. Eur J Orthod ;44(2):197-202. 2022

XII. אורתודונטיה לינגואלית

344. Smith JR, Gorman JC, Dunn RM: Keys to success in lingual therapy. Part 1. J clin Orthod. 20: 252-261, 1986.
345. Gorman JC, Kurtz C, Smith JR, Dunn RM: Keys to success in lingual therapy. Part 2. J clin Orthod. 20: 330-340, 1986.
346. Goren S, Zoizner R, Geron S, Romano R: Lingual orthodontics versus buccal orthodontics: biomechanical and clinical aspects. Journal of lingual orthodontics. vol. 3: 1-7, 2003.
347. Liang W, Tong Q, Lin J. Xu B: Torque control of the maxillary incisors in lingual and labial orthodontics: a 3-dimensional finite element analysis. Am J Orthod Dentofacial Orthop 135: 316-322, 2009.

XIII. אסתטיקה

348. Kokich VG: Esthetics and anterior tooth position. Part I: Crown length. J Esth. Dentistry 5: 19-23, 1993.
349. Kokich VG. Esthetics and anterior tooth position. Part II: Vertical position. J Esth. Dentistry 5: 174-178, 1993.
350. Kokich VG. Esthetics and anterior tooth position. Part III: Medio-lateral relationships. J Esth. Dentistry 5: 200-207, 1993
351. Sarver DM, Ackerman M: Dynamic smile visualization and quantification: Part I: Evolution of the concept and dynamic records for smile capture. Am J Orthod Dentofacial Orthop. 124: 4-12, 2003.
352. Sarver DM, Ackerman M: Dynamic smile visualization and quantification: Part II: Smile analysis and treatment strategies. Am J Orthod Dentofacial Orthop. 124: 116-127, 2003.

353. Sarver DM: The importance of incisor positioning in the esthetic smile: the smile arc. Am J Orthod Dentofacial Orthop 120: 98-111, 2001.
354. Zachrisson BU: Esthetic factors involved in anterior tooth display and the smile: vertical dimension. J Clin Orthod. 32: 432-445, 1998.
355. An S, Choi Y, Kim J, Chung C, Kim K. Risk factors associated with open gingival embrasures after orthodontic treatment. Angle Orthod. 88:267-274, 2018.
356. Hamdan A, Lewis S, Kelleher K, Elhady S, Lindauer S. Does overbite reduction affect smile esthetics? Angle Orthod. 89:847-854, 2019.

עדכנית אסתטיקה:

357. Leandro de Oliveira W, Saga AY, Ignácio SA, Rodrigues Justino EJ, Tanaka OM. Comparative study between different groups of esthetic component of the Index of Orthodontic Treatment Need and eye tracking. Am J Orthod Dentofacial Orthop. 156(1):67-74. 2019
358. Cengiz AF, Goymen M, Akcali C. Efficacy of botulinum toxin for treating a gummy smile. Am J Orthod Dentofacial Orthop.158(1):50-58. 2020
359. Pizzo Reis PM, Lima P, Pimentel Garcia FC, Faber J. Effect of maxillary median diastema on the esthetics of a smile. Am J Orthod Dentofacial Orthop;158(4):e37-e42. 2020
360. de Oliveira Meira ACL, Custodio W, Vedovello Filho M, Borges TM, C Meneghim M, Santamaria M Jr, Vedovello SAS. How is orthodontic treatment need associated with perceived esthetic impact of malocclusion in adolescents? Am J Orthod Dentofacial Orthop.158(5):668-673. 2020

361. Nabarrette M, Brunheroto J, Dos Santos PR, de C Meneghim M, Vedovello SAS. Esthetic impact of malocclusions in the anterior segment on children in the mixed dentition. Am J Orthod Dentofacial Orthop.159(1):53-58. 2021
362. Huang Y, Xu Y, Liu F, Fan J, Li M, Lei Y. Perceptions of orthodontists, laypersons, and patients regarding buccal corridors and facial types. Am J Orthod Dentofacial Orthop.;161(1):92-102. 2022

XIV. טיפול בקשתיות:

363. Shalish M, Cooper-Kazaz R, Ivgi I, Canetti L, Tsur B, Bachar E, Chaushu S. Adult patients' adjustability to orthodontic appliances. Part I: a comparison between Labial, Lingual, and Invisalign. Eur J Orthod. 34:724-30, 2012.
364. Rossini G, Parrini S, Castroflorio T, Deregibus A, Debernardi CL. Efficacy of clear aligners in controlling orthodontic tooth movement: a systematic review. Angle Orthod. 85:881-9, 2015.
365. Jiang T, Jiang Y, Chu F, Lu P, Tang G. A cone-beam computed tomographic study evaluating the efficacy of incisor movement with clear aligners: Assessment of incisor pure tipping, controlled tipping, translation, and torque. Am J Orthod Dentofacial Orthop. 159:635-43, 2021.
366. Zhou N, Guo J. Efficiency of upper arch expansion with the Invisalign system. Angle Orthod. 90:23-30, 2020.
367. Grünheid T, Loh C, Larson B. How accurate is Invisalign in non-extraction cases? Are predicted tooth positions achieved? Angle Orthod. 87:809-815, 2017.
368. Xu T, Shu G. Comparison of achieved and predicted tooth movement of maxillary first molars and central

incisors: First premolar extraction treatment with Invisalign Angle Orthod. 89:679-687, 2019.

עדכנית קשתיות

369. Abu Alhaija ESJ, Al-Abdallah SY, Taha NA. A comparative study of initial changes in pulpal blood flow between clear aligners and fixed orthodontic appliances. Am J Orthod Dentofacial Orthop. 156(5):603-610. 2019
370. Al-Balaa M, Li H, Ma Mohamed A, Xia L, Liu W, Chen Y, Omran T, Li S, Hua X. Predicted and actual outcome of anterior intrusion with Invisalign assessed with cone-beam computed tomography. Am J Orthod Dentofacial Orthop.;159(3):e275-e280, 2021
371. Kalemaj Z, Levrini L. Quantitative evaluation of implemented interproximal enamel reduction during aligner therapy. Angle Orthod.;91(1):61-66. 2021
372. Al-Nadawi M, Kravitz ND, Hansa I, Makki L, Ferguson DJ, Vaid NR. Effect of clear aligner wear protocol on the efficacy of tooth movement. Angle Orthod.;91(2):157-163. 2021
373. Lione R, Paoloni V, Bartolommei L, Gazzani F, Meuli S, Pavoni C, Cozza P. Maxillary arch development with Invisalign system. Angle Orthod. ;91(4):433-440. 2021.
374. Lin S, Huang L, Li J, Wen J, Mei L, Xu H, Zhang L, Li H. Assessment of preparation time and 1-year Invisalign aligner attachment survival using flowable and packable composites. Angle Orthod ;91(5):583-589. 2021
375. Shailendran A, Weir T, Freer E, Kerr B. Accuracy and reliability of tooth widths and Bolton ratios measured by ClinCheck Pro. Am J Orthod Dentofacial Orthop. 161(1):65-73. 2022
376. Lombardo L, Arreghini A, Huanca Ghislanzoni LT, Siciliani G. Does low-frequency vibration have an effect on

aligner treatment? A single-centre, randomized controlled trial. Eur J Orthod.41(4):434-443. 2019
377. Papageorgiou SN, Koletsi D, Iliadi A, Peltomaki T, Eliades T. Treatment outcome with orthodontic aligners and fixed appliances: a systematic review with meta-analyses. Eur J Orthod. ;42(3):331-343. 2020.
378. Dai FF, Xu TM, Shu G. Comparison of achieved and predicted crown movement in adults after 4 first premolar extraction treatment with Invisalign. Am J Orthod Dentofacial Orthop.160(6):805-813. 2021
379. Fujiyama K, Kera Y, Yujin S, Tanikawa C, Yamashiro T, Guo X, Ni A, Deguchi T. Comparison of clinical outcomes between Invisalign and conventional fixed appliance therapies in adult patients with severe deep overbite treated with nonextraction. Am J Orthod Dentofacial Orthop.161(4):542-547. 2022

XV. אורתודונטיה ובעיות מפרק (TMD)

380. McNamara JA, Selingman DA, Okeson JP: Occlusion, orthodontic treatment, and temporomandibular disorders: a review. J Orofac Pain 9: 73-90, 1995.
381. Behrents RG, White RA: TMJ research: responsibility and risk. Am J Orthod Dentofacial Orthop 101:1-3, 1992.
382. Kim MR, Graber TM, Viana MA: Orthodontics and temporomandibular disorder: A meta-analysis. Am J Orthod Dentofacial Orthop 121: 438-446, 2002.
383. Rinchuse DJ, McMinn JT: Summary of evidence-based systematic reviews of temporomandibular disorders. Am J Orthod Dentofacial Orthop 130: 715-720, 2006.
384. Artun J, Hollander LG, Truelove EL: Relationship between orthodontic treatment, condylar position, and

internal derangement in the temporomandibular joint. Am J Orthod Dentofacial Orthop 101: 48-53, 1992.
385. Thilander B, Rubio G, Pena L, de Mayorga C: Prevalence of temporomandibular dysfunction and its association with malocclusion in children and adolescent: an epidemiologic study related to specified stages of dental development. Angle Orthod 72: 146-54, 2002
386. Turp JC, Schindler H: The dental occlusion as a suspected cause for TMDs: epidemiological and etiological considerations. J Oral Rehab 39: 502-512, 2012.

<u>עדכנית TMJ</u>

387. Torres D, Lopes J, Magno MB, Cople Maia L, Normando D, Leão PB. Effects of rapid maxillary expansion on temporomandibular joints. Angle Orthod. 2020 May 1;90(3):442-456.
388. Yap AU, Chen C, Wong HC, Yow M, Tan E. Temporomandibular disorders in prospective orthodontic patients. Angle Orthod. 2021 May 1;91(3):377-383.

XVI. אורתודונטיה בין תחומית:

389. Salama H, Salama M: The role of orthodontic extrusive remodeling in the enhancement of soft and hard tissue profile prior to implant placement. Int J Perio Rest Dent 13: 312-334, 1993.
390. Wennstrom JL, Stokland BL, Nyman S, Thilander B: Periodontal tissue response to orthodontic movement of teeth with infrabony pockets. Am J Orthod Dentofacial Orthop 103: 313-319, 1993.

391. Zahcrisson BU: Orthodontics and periodontics. In: Clinical periodontology and implant dentistry. 741-793. Lindhe (ed), Munksgaard, 3rd ed. 1997.
392. Kokich VG: Esthetics: the orthodontic-periodontic restorative connection. Semin Orthod, 2: 21-30, 1996.
393. Kokich VG: Interdisciplinary treatment: Integrating orthodontics with periodontics, endodontics and restorative dentistry. Semin Orthod 3: entire issue, 1997.
394. Thilander B: Infrabony pockets and reducedalveolar bone height in relation to orthodontic therapy. Semin Orthod 2: 55-61, 1996.
395. Fransson AM, Tegelberg A, Johansson A, Wenneberg B: Influence on the masticatory system in treatment of obstructive sleep apnea and snoring with a mandibular protruding device: A 2-year follow-up. Am J Orthod Dentofacial Orthop. 126: 687-93, 2004.
396. Mathews DP, Kokich VG: Managing treatment for the orthodontic patient with periodontal problems. Semin Orthod 3: 21-38-278, 1997.
397. Long H, Pyakurel U, Wang Y, Lia L, Zhou Y, Lai W: Interventions for accelerating orthodontic tooth movement. A systematic review. Angle Orthod 83: 164-171, 2013.
398. Wilcko MT, Wilcko WM, Pulver JJ, Bissada NF, Bouquot JE: Accelerated osteogenic orthodontics technique: A 1-stage surgically facilitated rapid orthodontic technique with alveolar augmentation: J Oral Maxillofac Surg 67: 2149-2159, 2009.
399. Levin L, Einy S, Zigdoni H, Aizenbud D, Machtei E: Guidelines for periodontal care and follow-up during orthodontic treatment in adolescents and young adults. J Appl Oral Sci 2012;20(4):399-403.

400. Hamilton RS., Gutmann JL: Endodontic-orthodontic relationships: a review of integrated treatment planning challenges. International Endodontic Journal, 32, 343-360, 1999.
401. Von Beohl M, Ren Y, Fudalej P, Kuijpers-Jagtman AM: Pulpal Reactions to Orthodontic Force Application in Humans: A Systematic Review. J Endod 2012;38:1463–1469.

עדכנית בין תחומית

402. Arn ML, Dritsas K, Pandis N, Kloukos D. The effects of fixed orthodontic retainers on periodontal health: A systematic review. Am J Orthod Dentofacial Orthop. 2020 Feb;157(2):156-164.e17.
403. Sivarajan S, Ringgingon LP, Fayed MMS, Wey MC. The effect of micro-osteoperforations on the rate of orthodontic tooth movement: A systematic review and meta-analysis. Am J Orthod Dentofacial Orthop. 2020 Mar;157(3):290-304.
404. Reyes Pacheco AA, Collins JR, Contreras N, Lantigua A, Pithon MM, Tanaka OM. Distalization rate of maxillary canines in an alveolus filled with leukocyte-platelet-rich fibrin in adults: A randomized controlled clinical split-mouth trial. Am J Orthod Dentofacial Orthop. 2020 Aug;158(2):182-191.
405. Promchaiwattana P, Suzuki B, Krisanaprakornkit S, Suzuki EY. Periodontal ligament enhancement in mesio-angulated impaction of third molars after orthodontic tooth movement: A prospective cohort study. Am J Orthod Dentofacial Orthop. 2020 Oct;158(4):495-504.
406. Ramos AL, Dos Santos MC, de Almeida MR, Mir CF. Bone dehiscence formation during orthodontic tooth

movement through atrophic alveolar ridges. Angle Orthod. 2020 May 1;90(3):321-329.
407. Alkan Ö, Kaya Y, Tunca M, Keskin S. Changes in the gingival thickness and keratinized gingival width of maxillary and mandibular anterior teeth after orthodontic treatment. Angle Orthod. 2021 Jul 1;91(4):459-467.
408. Abela S, Murtadha L, Bister D, Andiappan M, Kwok J. Survival probability of dental autotransplantation of 366 teeth over 34 years within a hospital setting in the United Kingdom. Eur J Orthod. 2019 Sep 21;41(5):551-556.
409. Zasčiurinskienė E, Lund H, Lindsten R, Jansson H, Bjerklin K. Outcome of periodontal-orthodontic treatment in subjects with periodontal disease. Part II: a CBCT study of alveolar bone level changes. Eur J Orthod. 2019 Nov 15;41(6):565-574.
410. Zasčiurinskienė E, Lund H, Lindsten R, Jansson H, Bjerklin K. Outcome of orthodontic treatment in subjects with periodontal disease. Part III: a CBCT study of external apical root resorption. Eur J Orthod. 2019 Nov 15;41(6):575-582.
411. Lione R, Pavoni C, Noviello A, Clementini M, Danesi C, Cozza P. Conventional versus laser gingivectomy in the management of gingival enlargement during orthodontic treatment: a randomized controlled trial. Eur J Orthod. 2020 Jan 27;42(1):78-85.
412. Papadopoulou AK, Papageorgiou SN, Hatzopoulos SA, Tsirlis A, Athanasiou AE. Alveolar ridge alterations in the maxillary anterior region after tooth extraction through orthodontic forced eruption for implant site development: a clinical CBCT study. Eur J Orthod. 2020 Jun 23;42(3):295-304.
413. Shahrin AA, Ghani SHA, Norman NH. Effectiveness of microosteoperforations in accelerating alignment of maxillary anterior crowding in adults: A randomized

controlled clinical trial. Am J Orthod Dentofacial Orthop. 2021 Dec;160(6):784-792.
414. Rafiei E, Zandi H, Joshan N, Maybodi FR, Fallah R. Bacterial composition of subgingival plaque in crowded and noncrowded teeth. Am J Orthod Dentofacial Orthop. 2022 Mar;161(3):375-380.
415. Andrews WA, Abdulrazzaq WS, Hunt JE, Mendes LM, Hallman LA. Incisor position and alveolar bone thickness. Angle Orthod. 2022 Jan 1;92(1):3-10.
416. Gehlot M, Sharma R, Tewari S, Kumar D, Gupta A. Effect of orthodontic treatment on periodontal health of periodontally compromised patients. Angle Orthod. 2022 May 1;92(3):324-332.

שונות. XVII

417. Birkland K, Furevik J, Boe OE, Wisth PJ: Evaluation of treatment and post-treatment changes by the PAR index. Eur J Orthod 19: 279-88, 1997.
418. Shalish M, Dykstein N, Friedlander-Barenboim S, Ben-David EC, Gomori JM, Chaushu S. Influence of common fixed retainers on the diagnostic quality of cranial magnetic resonance images. Am J Orthod Dentofacial Orthop. 147:604-609, 2015.

עדכנית שונות

419. Alshammari AK, Huggare J. Pain relief after orthodontic archwire installation-a comparison between intervention with paracetamol and chewing gum: a randomized controlled trial. Eur J Orthod. 2019 Sep 21;41(5):478-485.