Index to Volume LII

2018 Author Index*

- ABUBACKER SIDDIQUE, A.M., FAYYAZ AHAMED, S., FAHIMA, A., and APROS KANNA, A.S., Fixed Retainers with Bonded Pontics, 171
- AHMED V.K., S., ARATHI G., N., and KRISHNASWAMY, N.R., A Windowed Temporary Crown for a Peg-Shaped Lateral Incisor, 559
- AHN, H.W., CHUNG, K.R., NELSON, G., and KIM, S.H., The Biocreative Strategy, Part 2: The Tweemac Analysis, 359
- AL-JEWAIR, T., MANZELLA, K., and FRANCHI, L., Correction of Maxillary Transverse Deficiency in Growing Patients with Permanent Dentitions, 148
- ANTELO, O.M., MEIRA, T.M., MIYOSHI, C.S., ALLAH-HAM, A., and TANAKA, O.M., Single Lower Incisor Extractions in Adult Invisalign Patients, 419
- APROS KANNA, A.S., ABUBACKER SIDDIQUE, A.M., FAYYAZ AHAMED, S., and FAHIMA, A., Fixed Retainers with Bonded Pontics, 171
- ARATHI G., N., KRISHNASWAMY, N.R., and AHMED V.K., S., A Windowed Temporary Crown for a Peg-Shaped Lateral Incisor, 559
- ARGYROPOULOS, C., VOUDOURIS, J.C., POULOS, J.J., and SCHISMENOS, C., Invisalign Mandibular Advancers and Tetrahedron 3D Facial Analysis in Dentofacial Orthopedics: 10 Rules, 134
- ARRUDA, A.L., WHITE, C., ZUELKE, P.D., and HAEGER, R.S., JCO Roundtable: Starting a New Practice, 157
- ASPINWALL-REZENDE, P.O., FRANÇA, E.C., LOM-BARDI, M.A., DRUMMOND, A.F., MARTINS, A.V., ALBUQUERQUE, R.C., and PRETTI, H., Orthodontic and Restorative Treatment of Avulsed Upper Central Incisors, 563
- BİLGİLİ, Ö., EFE, E., GÖKALP, H., and EFENDİYEVA, R., Treatment of Skeletal Class II Open Bite with the Triple Intrusion System, 427
- BOWMAN, S.J., The Horseshoe Jet for Miniscrew-Supported Molar Distalization, 196
- CETTA, C.N., Virtually Eliminating Undercuts in Invisalign's ClinCheck, 51
- CHANGSIRIPUN, C. and SUWANKOMONKUL, S., Measuring the Torque on the Terminal End of an Archwire, 346
- CHRISTENSEN, L.R., Digital Workflows in Orthodontics, 34
- CHUNG, K.R., KIM, Y., CHOO, H., KIM, S.H., and NEL-
- *Articles with five or more authors are listed under only the first author name because of space constraints.

- SON, G., The Biocreative Strategy, Part 4: Molar Distalization in Nonextraction Treatment, 462
- CHUNG, K.R., KIM, Y.J., JEON, H.H., KIM, S.H., and NELSON, G., The Biocreative Strategy, Part 6: Class III Treatment, 604
- CHUNG, K.R., NELSON, G., and KIM, S.H., The Biocreative Strategy, Part 1: Foundations, 258
- CHUNG, K.R., NELSON, G., KIM, S.H., and AHN, H.W., The Biocreative Strategy, Part 2: The Tweemac Analysis, 359
- COPE, J., KRAVITZ, N.D., JORGENSEN, G., and FREY, S., Resin Bite Turbos, 456
- COSSE, C.C., SILMON, J.W., and KEIM, R.G., Practice Profile: Cosse and Silmon Orthodontics, 45
- COZZANI, M., MANNI, A., and LUPINI, D., Combining Skeletal Anchorage and Intermaxillary Elastics in Class II Treatment, 227
- CROUSE, J., Patient Compliance with Removable Clear Aligner Therapy, 710
- DAN, C., WATANABE, H., KUMAGAI, Y., and OJIMA, K., Upper Molar Distalization with Invisalign Treatment Accelerated by Photobiomodulation, 675
- DANFORTH, R.A. and MAH, J.K., Comparative Direct Dosimetry of Cone-Beam Computed Tomography Using Reduced Basis Projections, 173
- DARENDELILER, M.A., KELES, A., LIN, C.H., and KELES, E., Rapid Palatal Expansion with the Keles Keyless Expander, 598
- DE BRITO, G.M., SIMÕES, D., and MACHADO, A.W., Miniscrew Anchorage for Posterior Crossbite Correction in an Adult Patient, 165
- DEMURA, N., HASUMOTO, M., and DEMURA, T., Nonsurgical Orthodontic Treatment of Adolescent Patients with Severe Jaw Deformities, 477
- DEMURA, T., DEMURA, N., and HASUMOTO, M., Nonsurgical Orthodontic Treatment of Adolescent Patients with Severe Jaw Deformities, 477
- DESAI, P., REVANKAR, S., PAI, V., and SHINDE, S.D., Intrusion of a Supraerupted Maxillary Second Molar Using a Modified Cantilever Appliance, 235
- DHOLE, P. and MAHESHWARI, D., In-Office Fabrication of a Simple Miniscrew-Assisted Rapid Palatal Expander, 347
- DI LEONARDO, B., RIATTI, R., GIUNTOLI, F., DERTON, N., MURA, R., PERINETTI, G., and CONTARDO, L., Management of Partially Impacted Mandibular Molars Using Temporary Anchorage Devices, 275
- DU, J., LIN, S., MA, Q.L., WU, T., and LI, H., Correction of Severe Unilateral Scissor Bite in Growing Class II Patients, 97
- EFE, E., GÖKALP, H., EFENDİYEVA, R., and BİLGİLİ,

January, pp. 1-60; February, pp. 61-120; March, pp. 121-188; April, pp. 189-248; May, pp. 249-316; June-July, pp. 317-376; August, pp. 377-444; September, pp. 445-504; October, pp. 505-572; November, pp. 573-648; December, pp. 649-732

- Ö., Treatment of Skeletal Class II Open Bite with the Triple Intrusion System, 427
- EFENDİYEVA, R., BİLGİLİ, Ö., EFE, E., and GÖKALP, H., Treatment of Skeletal Class II Open Bite with the Triple Intrusion System, 427
- ENGLISH, J.D., KASPER, F.K., SHORT, M.M., and FAVE-RO, C.S., Impact of Orientation on Dimensional Accuracy of 3D-Printed Orthodontic Models, 13
- FAHIMA, A., APROS KANNA, A.S., ABUBACKER SID-DIQUE, A.M., and FAYYAZ AHAMED, S., Fixed Retainers with Bonded Pontics, 171
- FAVERO, C.S., ENGLISH, J.D., KASPER, F.K., and SHORT, M.M., Impact of Orientation on Dimensional Accuracy of 3D-Printed Orthodontic Models, 13
- FAVERO, L., FAVERO, R., and VOLPATO, A., Managing Early Orthodontic Treatment with Clear Aligners, 701
- FAVERO, R., VOLPATO, A., and FAVERO, L., Managing Early Orthodontic Treatment with Clear Aligners, 701
- FAYYAZ AHAMED, S., FAHIMA, A., APROS KANNA, A.S., and ABUBACKER SIDDIQUE, A.M., Fixed Retainers with Bonded Pontics, 171
- FRANCHI, L., AL-JEWAIR, T., and MANZELLA, K., Correction of Maxillary Transverse Deficiency in Growing Patients with Permanent Dentitions, 148
- FREY, S., COPE, J., KRAVITZ, N.D., and JORGENSEN, G., Resin Bite Turbos, 456
- GAUR, A., MAHESHWARI, S., GUPTA, N.D., and RATHI, S., Preprosthetic Orthodontics in an Adult with Multiple Anterior Edentulous Spaces and Loss of Vertical Dimension, 297
- GERXHANI, R.I. and LUZI, C., The PowerScope System for Simplified Class II Treatment, 80
- GIERIE, W.V., Clear Aligner Therapy: An Overview, 665
- GÖKALP, H., EFENDİYEVA, R., BİLGİLİ, Ö., and EFE, E., Treatment of Skeletal Class II Open Bite with the Triple Intrusion System, 427
- GRAHAM, J.W., Self-Ligating Brackets, 408
- GRAY, J.B. and RICHMAN, C., Pre-Orthodontic Periodontal Augmentation for Lower Incisor Advancement in Adolescent Patients, 513
- GRIBEL, B.F., MARASSI, C., and SPITZ, A., CAD/CAM Technology for Digital Indirect Bonding, 621
- GROTH, C., KRAVITZ, N.D., and SHIRCK, J.M., Incorporating Three-Dimensional Printing in Orthodontics, 28
- GROTH, C., SHANNON, T., and KRAVITZ, N.D., CAD/ CAM Software for Three-Dimensional Printing, 22
- GUPTA, N.D., RATHI, S., GAUR, A., and MAHESHWARI, S., Preprosthetic Orthodontics in an Adult with Multiple Anterior Edentulous Spaces and Loss of Vertical Dimension, 297
- HAEGER, R.S., ARRUDA, A.L., WHITE, C., and ZUEL-KE, P.D., JCO Roundtable: Starting a New Practice, 157
- HAEGER, R.S. and WHITE, C., Finding a Successful Associate to Fit Your Office, 71
- HASUMOTO, M., DEMURA, T., and DEMURA, N., Nonsurgical Orthodontic Treatment of Adolescent Patients

- with Severe Jaw Deformities, 477
- HINES III, F.B. and LEVY-BERCOWSKI, D., Prevention of Mucosal Irritation from the Forsus Fatigue Resistant Device, 557
- HUANG, A.T. and HUANG, D., Space Management with Invisalign for Interdisciplinary Orthodontic Treatment, 219
- HUANG, D. and HUANG, A.T., Space Management with Invisalign for Interdisciplinary Orthodontic Treatment, 219
- JAIN, S., SINGH, S.P., and VERMA, R.K., Bonded Attachment for Severely Rotated Teeth, 476
- JOHNSON, B.M., KILIC, H., and KRAVITZ, N.D., A Modified Bonding Technique for Invisalign Attachments, 715
- JORGENSEN, G., FREY, S., COPE, J., and KRAVITZ, N.D., Resin Bite Turbos, 456
- KALIA, A., Nonsurgical Correction of Class III Malocclusion and Anterior Open Bite with Mini-Implant Anchorage, 629
- KASPER, F.K., SHORT, M.M., FAVERO, C.S., and EN-GLISH, J.D., Impact of Orientation on Dimensional Accuracy of 3D-Printed Orthodontic Models, 13
- KEIM, R.G., COSSE, C.C., and SILMON, J.W., Practice Profile: Cosse and Silmon Orthodontics, 45
- KEIM, R.G. and SHOAF, S.C., Practice Profile: Salem Smiles Orthodontics, 495
- KELES, A., LIN, C.H., KELES, E., and DARENDELILER, M.A., Rapid Palatal Expansion with the Keles Keyless Expander, 598
- KELES, E., DARENDELILER, M.A., KELES, A., and LIN, C.H., Rapid Palatal Expansion with the Keles Keyless Expander, 598
- KILIC, H., KRAVITZ, N.D., and JOHNSON, B.M., A Modified Bonding Technique for Invisalign Attachments, 715
- KIM, S.H., AHN, H.W., CHUNG, K.R., and NELSON, G., The Biocreative Strategy, Part 2: The Tweemac Analysis, 359
- KIM, S.H., CHUNG, K.R., and NELSON, G., The Biocreative Strategy, Part 1: Foundations, 258
- KIM, S.H., ISKENDEROGLU, N.S., KOOK, Y.A., CHUNG, K.R., and NELSON, G., The Biocreative Strategy, Part 3: Extraction Treatment, 388
- KIM, S.H., PARK, K.H., NOH, M.K., CHUNG, K.R., and NELSON, G., The Biocreative Strategy, Part 5: Labial and Lingual Space Closure in Extraction Treatment, 528
- KRAVITZ, N.D., Active Nickel Titanium Lingual Retainer for Minor Tooth Movement, 308
- KRAVITZ, N.D., Helping Patients Properly Connect Elastic Bands, 117
- KRAVITZ, N.D., GROTH, C., and SHANNON, T., CAD/ CAM Software for Three-Dimensional Printing, 22
- KRAVITZ, N.D., JOHNSON, B.M., and KILIC, H., A Modified Bonding Technique for Invisalign Attachments, 715
- KRAVITZ, N.D., JORGENSEN, G., FREY, S., and COPE, J., Resin Bite Turbos, 456
- KRAVITZ, N.D., SHIRCK, J.M., and GROTH, C., Incorpo-

- rating Three-Dimensional Printing in Orthodontics, 28 KRISHNASWAMY, N.R., AHMED V.K., S., and ARATHI G., N., A Windowed Temporary Crown for a Peg-Shaped Lateral Incisor, 559
- KUMAGAI, Y., OJIMA, K., DAN, C., and WATANABE, H., Upper Molar Distalization with Invisalign Treatment Accelerated by Photobiomodulation, 675
- LEVY-BERCOWSKI, D. and HINES III, F.B., Prevention of Mucosal Irritation from the Forsus Fatigue Resistant Device, 557
- LIN, C.H., KELES, E., DARENDELILER, M.A., and KE-LES, A., Rapid Palatal Expansion with the Keles Keyless Expander. 598
- LORENTE, C., LORENTE, P., PEREZ-VELA, M., ESQUI-NAS, C., and LORENTE, T., Management of Deeply Impacted Molars with the Miniscrew-Supported Pole Technique. 589
- LUPINI, D., COZZANI, M., and MANNI, A., Combining Skeletal Anchorage and Intermaxillary Elastics in Class II Treatment, 227
- LUZI, C. and GERXHANI, R.I., The PowerScope System for Simplified Class II Treatment, 80
- MACHADO, A.W., DE BRITO, G.M., and SIMÕES, D., Miniscrew Anchorage for Posterior Crossbite Correction in an Adult Patient, 165
- MAH, J.K. and DANFORTH, R.A., Comparative Direct Dosimetry of Cone-Beam Computed Tomography Using Reduced Basis Projections, 173
- MAHESHWARI, D. and DHOLE, P., In-Office Fabrication of a Simple Miniscrew-Assisted Rapid Palatal Expander, 347
- MAHESHWARI, S., GUPTA, N.D., RATHI, S., and GAUR, A., Preprosthetic Orthodontics in an Adult with Multiple Anterior Edentulous Spaces and Loss of Vertical Dimension, 297
- MANNI, A., LUPINI, D., and COZZANI, M., Combining Skeletal Anchorage and Intermaxillary Elastics in Class II Treatment, 227
- MANNI, A. and MIGLIORATI, M., Skeletally Anchored PowerScope 2 for Adult Class II, Division 2 Treatment, 551
- MANZELLA, K., FRANCHI, L., and AL-JEWAIR, T., Correction of Maxillary Transverse Deficiency in Growing Patients with Permanent Dentitions, 148
- MARASSI, C., SPITZ, A., and GRIBEL, B.F., CAD/CAM Technology for Digital Indirect Bonding, 621
- McGILL, J.K., Ransomware: Is Your Practice Protected? 237 MIGLIORATI, M. and MANNI, A., Skeletally Anchored PowerScope 2 for Adult Class II, Division 2 Treatment, 551
- MILES, P., Does Microvibration Accelerate Leveling and

- Alignment? A Randomized Controlled Trial, 342
- MOSER, L., PELLITTERI, G., SICILIANI, G., and SCHNEIDER, U.E.M., Orthodontic Space Closure vs. Implant-Borne Crowns in Patients with Congenitally Missing Maxillary Lateral Incisors, 284
- NAIK, R., PRABHU, P.K., PATIL, A.K., and SHETTY, R., Modified Transpalatal Arch for Simultaneous Intrusion and Retraction, 439
- NELSON, G., KIM, S.H., AHN, H.W., and CHUNG, K.R., The Biocreative Strategy, Part 2: The Tweemac Analysis, 359
- NELSON, G., KIM, S.H., and CHUNG, K.R., The Biocreative Strategy, Part 1: Foundations, 258
- OJIMA, K., DAN, C., WATANABE, H., and KUMAGAI, Y., Upper Molar Distalization with Invisalign Treatment Accelerated by Photobiomodulation, 675
- PAI, V., SHINDE, S.D., DESAI, P., and REVANKAR, S., Intrusion of a Supraerupted Maxillary Second Molar Using a Modified Cantilever Appliance, 235
- PARK, J.H., SERRANO, P., and SAITO, T., Closure of Mandibular Spaces During Retention, 639
- PATIL, A.K., SHETTY, R., NAIK, R., and PRABHU, P.K., Modified Transpalatal Arch for Simultaneous Intrusion and Retraction, 439
- PATIL, H.A., KERUDI, V.V., PATIL, N.S., TEKALE, P.D., and VERULKAR, A., The Zygoma-Gear Appliance for Maxillary Molar Distalization, 412
- PELLITTERI, G., SICILIANI, G., SCHNEIDER, U.E.M., and MOSER, L., Orthodontic Space Closure vs. Implant-Borne Crowns in Patients with Congenitally Missing Maxillary Lateral Incisors, 284
- POULOS, J.J., SCHISMENOS, C., ARGYROPOULOS, C., and VOUDOURIS, J.C., Invisalign Mandibular Advancers and Tetrahedron 3D Facial Analysis in Dentofacial Orthopedics: 10 Rules, 134
- PRABHŪ, P.K., PATIL, A.K., SHETTY, R., and NAIK, R., Modified Transpalatal Arch for Simultaneous Intrusion and Retraction, 439
- RATHI, S., GAUR, A., MAHESHWARI, S., and GUPTA, N.D., Preprosthetic Orthodontics in an Adult with Multiple Anterior Edentulous Spaces and Loss of Vertical Dimension, 297
- REVANKAR, S., PAI, V., SHINDE, S.D., and DESAI, P., Intrusion of a Supraerupted Maxillary Second Molar Using a Modified Cantilever Appliance, 235
- RICHMAN, C. and GRAY, J.B., Pre-Orthodontic Periodontal Augmentation for Lower Incisor Advancement in Adolescent Patients, 513
- SAITO, T., PARK, J.H., and SERRANO, P., Closure of Mandibular Spaces During Retention, 639
- SAMOTO, H. and VLASKALIC, V., Class II Correction with

January, pp. 1-60; February, pp. 61-120; March, pp. 121-188; April, pp. 189-248; May, pp. 249-316; June-July, pp. 317-376; August, pp. 377-444; September, pp. 445-504; October, pp. 505-572; November, pp. 573-648; December, pp. 649-732

VOLUME LII NUMBER 12 721

- Weekly Changes of Computer-Generated Aligners: Distalize or Jump? 684
- SCHISMENOS, C., ARGYROPOULOS, C., VOUDOURIS, J.C., and POULOS, J.J., Invisalign Mandibular Advancers and Tetrahedron 3D Facial Analysis in Dentofacial Orthopedics: 10 Rules, 134
- SCHNEIDER, U.E.M., MOSER, L., PELLITTERI, G., and SICILIANI, G., Orthodontic Space Closure vs. Implant-Borne Crowns in Patients with Congenitally Missing Maxillary Lateral Incisors, 284
- SERRANO, P., SAITO, T., and PARK, J.H., Closure of Mandibular Spaces During Retention, 639
- SHANNON, T., KRAVITZ, N.D., and GROTH, C., CAD/ CAM Software for Three-Dimensional Printing, 22
- SHETTY, R., NAIK, R., PRABHU, P.K., and PATIL, A.K., Modified Transpalatal Arch for Simultaneous Intrusion and Retraction, 439
- SHINDE, S.D., DESAI, P., REVANKAR, S., and PAI, V., Intrusion of a Supraerupted Maxillary Second Molar Using a Modified Cantilever Appliance, 235
- SHIRCK, J.M., GROTH, C., and KRAVITZ, N.D., Incorporating Three-Dimensional Printing in Orthodontics, 28
- SHOAF, S.C. and KEIM, R.G., Practice Profile: Salem Smiles Orthodontics, 495
- SHORT, M.M., FAVERO, C.S., ENGLISH, J.D., and KASPER, F.K., Impact of Orientation on Dimensional Accuracy of 3D-Printed Orthodontic Models, 13
- SICILIANI, G., SCHNEIDER, U.E.M., MOSER, L., and PELLITTERI, G., Orthodontic Space Closure vs. Implant-Borne Crowns in Patients with Congenitally Missing Maxillary Lateral Incisors, 284
- SILMON, J.W., KEIM, R.G., and COSSE, C.C., Practice Profile: Cosse and Silmon Orthodontics, 45
- SIMÕES, D., MACHADO, A.W., and DE BRITO, G.M., Miniscrew Anchorage for Posterior Crossbite Correction in an Adult Patient, 165
- SINCLAIR, P.M., The Readers' Corner, 9, 303
- SINGH, S.P., VERMA, R.K., and JAIN, S., Bonded Attachment for Severely Rotated Teeth, 476
- SPITZ, A., GRIBEL, B.F., and MARASSI, C., CAD/CAM Technology for Digital Indirect Bonding, 621

- SUWANKOMONKUL, S. and CHANGSIRIPUN, C., Measuring the Torque on the Terminal End of an Archwire, 346
- TAKANE, V., KELUSKAR, K., JAISINGHANI, A., MAL-AGAN, M., and JATTI, R., Nonsurgical Management of Severe Reverse Overbite in a Young Adult, 109
- URIBE, F., AZAMI, N., STEINBACHER, D., JANAKIRA-MAN, N., and NANDA, R., Skeletal Open-Bite Correction with Mini-Implant Anchorage and Minimally Invasive Surgery, 485
- VALARELLI, F.P., NASCIMENTO, F.E.C., BATISTA, D.M., FREITAS, K.M.S., and CANÇADO, R.H., Class III Camouflage Treatment with the Biofunctional Technique, 351
- VEERANKI, S., PARK, J.H., PRUZANSKY, D., TAKAGI, M., and TAI, K., A Current Review of Asymmetry, 325
- VERMA, R.K., JAIN, S., and SINGH, S.P., Bonded Attachment for Severely Rotated Teeth, 476
- VLASKALIC, V. and SAMOTO, H., Class II Correction with Weekly Changes of Computer-Generated Aligners: Distalize or Jump? 684
- VOGELS, D.S. III, A Capital Convention, 90
- VOGELS, P.B., 2018 Eugene L. Gottlieb JCO Student of the Year: Dr. Samaneh Mojarrad, 240
- VOLPATO, A., FAVERO, L., and FAVERO, R., Managing Early Orthodontic Treatment with Clear Aligners, 701
- VOUDOURIS, J.C., POULOS, J.J., SCHISMENOS, C., and ARGYROPOULOS, C., Invisalign Mandibular Advancers and Tetrahedron 3D Facial Analysis in Dentofacial Orthopedics: 10 Rules, 134
- WATANABE, H., KUMAGAI, Y., OJIMA, K., and DAN, C., Upper Molar Distalization with Invisalign Treatment Accelerated by Photobiomodulation, 675
- WHITE, C. and HAEGER, R.S., Finding a Successful Associate to Fit Your Office, 71
- WHITE, C., ZUELKE, P.D., HAEGER, R.S., and ARRUDA, A.L., JCO Roundtable: Starting a New Practice, 157
- ZUELKE, P.D., HAEGER, R.S., ARRUDA, A.L., and WHITE, C., JCO Roundtable: Starting a New Practice, 157

2018 Subject Index

- 2018 Eugene L. Gottlieb JCO Student of the Year: Dr. Samaneh Mojarrad, 240
- 3D Facial Analysis, Tetrahedron, in Dentofacial Orthopedics, Invisalign Mandibular Advancers and: 10 Rules, 134
- 3D-Printed Orthodontic Models, Impact of Orientation on Dimensional Accuracy of, 13
- Accelerate Leveling and Alignment, Does Microvibration, A Randomized Controlled Trial, 342
- Accelerated by Photobiomodulation, Upper Molar Distalization with Invisalign Treatment, 675
- Active Nickel Titanium Lingual Retainer for Minor Tooth Movement, 308
- Adult Class II, Division 2 Treatment, Skeletally Anchored PowerScope 2 for, 551
- Adult Invisalign Patients, Single Lower Incisor Extractions in, 419
- Adult Patient, Miniscrew Anchorage for Posterior Crossbite Correction in an, 165
- Adult with Multiple Anterior Edentulous Spaces and Loss of Vertical Dimension, Preprosthetic Orthodontics in an, 297
- Adult, Young, Nonsurgical Management of Severe Reverse Overbite in a, 109
- Aligner Corner: Clear Aligner Therapy: An Overview, 665 Aligner Therapy, Removable Clear, Patient Compliance with, 710
- Aligners, Clear, Managing Early Orthodontic Treatment with, 701
- Aligners, Computer-Generated, Class II Correction with Weekly Changes of: Distalize or Jump? 684
- Anchorage Devices, Temporary, Management of Partially Impacted Mandibular Molars Using, 275
- Anchorage, Mini-Implant, and Minimally Invasive Surgery, Skeletal Open-Bite Correction with, 485
- Anchorage, Mini-Implant, Nonsurgical Correction of Class III Malocclusion and Anterior Open Bite with, 629
- Anchorage, Miniscrew, for Posterior Crossbite Correction in an Adult Patient, 165
- Anchorage, Skeletal, and Intermaxillary Elastics in Class II Treatment, Combining, 227
- Anterior Open Bite, Nonsurgical Correction of Class III Malocclusion and, with Mini-Implant Anchorage, 629
- Associate to Fit Your Office, Finding a Successful, 661 Asymmetry, A Current Review of, 325
- Attachment, Bonded, for Severely Rotated Teeth, 476
- Attachments, Invisalign, A Modified Bonding Technique for, 715
- Avulsed Upper Central Incisors, Orthodontic and Restorative Treatment of, 563
- Biocreative Strategy, The, Part 1: Foundations, 258

- Biocreative Strategy, The, Part 2: The Tweemac Analysis, 359
- Biocreative Strategy, The, Part 3: Extraction Treatment, 388 Biocreative Strategy, The, Part 4: Molar Distalization in Nonextraction Treatment, 462
- Biocreative Strategy, The, Part 5: Labial and Lingual Space Closure in Extraction Treatment, 528
- Biocreative Strategy, The, Part 6: Class III Treatment, 604 Biofunctional Technique, Class III Camouflage Treatment with the, 351
- Bite Turbos, Resin, 456
- Bonded Attachment for Severely Rotated Teeth, 476
- Bonding Technique for Invisalign Attachments, A Modified, 715
- Bonding, Digital Indirect, CAD/CAM Technology for, 621 Book Reviews, 21, 311, 714
- CAD/CAM Software for Three-Dimensional Printing, 22
- CAD/CAM Technology for Digital Indirect Bonding, 621
- Camouflage Treatment, Class III, with the Biofunctional Technique, 351
- Cantilever Appliance, Intrusion of a Supraerupted Maxillary Second Molar Using a Modified, 235
- Capital Convention, A, 90
- Case Report, 109, 165, 227, 297, 351, 427, 485, 563, 629
- Class II Correction with Weekly Changes of Computer-Generated Aligners: Distalize or Jump? 684
- Class II Open Bite, Skeletal, Treatment of, with the Triple Intrusion System, 427
- Class II Patients, Growing, Correction of Severe Unilateral Scissor Bite in, 97
- Class II Treatment, Combining Skeletal Anchorage and Intermaxillary Elastics in, 227
- Class II Treatment, The PowerScope System for Simplified, 80
- Class II, Division 2 Treatment, Adult, Skeletally Anchored PowerScope 2 for, 551
- Class III Camouflage Treatment with the Biofunctional Technique, 351
- Class III Malocclusion and Anterior Open Bite, Nonsurgical Correction of, with Mini-Implant Anchorage, 629
- Class III Treatment: The Biocreative Strategy, Part 6, 604
- Clear Aligner Therapy: An Overview, 665
- ClinCheck, Invisalign's, Virtually Eliminating Undercuts in, 51
- Closure of Mandibular Spaces During Retention, 639
- Combining Skeletal Anchorage and Intermaxillary Elastics in Class II Treatment, 227
- Comparative Direct Dosimetry of Cone-Beam Computed Tomography Using Reduced Basis Projections, 173
- Compliance, Patient, with Removable Clear Aligner Therapy, 710

January, pp. 1-60; February, pp. 61-120; March, pp. 121-188; April, pp. 189-248; May, pp. 249-316; June-July, pp. 317-376; August, pp. 377-444; September, pp. 445-504; October, pp. 505-572; November, pp. 573-648; December, pp. 649-732

VOLUME LII NUMBER 12 723

- Cone-Beam Computed Tomography Using Reduced Basis Projections, Comparative Direct Dosimetry of, 173
- Convention, A Capital, 90
- Correction of Maxillary Transverse Deficiency in Growing Patients with Permanent Dentitions, 148
- Correction of Severe Unilateral Scissor Bite in Growing Class II Patients, 97
- Cosse and Silmon Orthodontics: Practice Profile, 45
- Crossbite, Posterior, Correction in an Adult Patient, Miniscrew Anchorage for, 165
- Crown, A Windowed Temporary, for a Peg-Shaped Lateral Incisor, 559
- Crowns, Implant-Borne, in Patients with Congenitally Missing Maxillary Lateral Incisors, Orthodontic Space Closure vs., 284
- Current Review of Asymmetry, A, 325
- Cutting Edge, The, 13, 621
- Deformities, Severe Jaw, Nonsurgical Orthodontic Treatment of Adolescent Patients with, 477
- Dentofacial Orthopedics, Tetrahedron 3D Facial Analysis, Invisalign Mandibular Advancers and: 10 Rules, 134
- Digital Indirect Bonding, CAD/CAM Technology for, 621 Digital Workflows in Orthodontics, 34
- Dimensional Accuracy of 3D-Printed Orthodontic Models, Impact of Orientation on, 13
- Distalization, Maxillary Molar, The Zygoma-Gear Appliance for, 412
- Distalization, Molar, in Nonextraction Treatment: The Biocreative Strategy, Part 4, 462
- Distalization, Molar, Miniscrew-Supported, The Horseshoe Jet for, 196
- Distalization, Upper Molar, with Invisalign Treatment Accelerated by Photobiomodulation, 675
- Distalize or Jump? Class II Correction with Weekly Changes of Computer-Generated Aligners, 684
- Does Microvibration Accelerate Leveling and Alignment? A Randomized Controlled Trial, 342
- Dosimetry, Comparative Direct, of Cone-Beam Computed Tomography Using Reduced Basis Projections, 173
- Early Orthodontic Treatment, Managing, with Clear Aligners, 701
- Edentulous Spaces and Loss of Vertical Dimension, Preprosthetic Orthodontics in an Adult with Multiple Anterior, 297
- Elastic Bands, Helping Patients Properly Connect, 117
- Elastics, Intermaxillary, in Class II Treatment, Combining Skeletal Anchorage and, 227
- Expander, Rapid Palatal, In-Office Fabrication of a Simple Miniscrew-Assisted, 347
- Expansion, Rapid Palatal, with the Keles Keyless Expander, 598
- Extraction Treatment, Labial and Lingual Space Closure in: The Biocreative Strategy, Part 5, 528
- Extraction Treatment: The Biocreative Strategy, Part 3, 388 Extractions, Single Lower Incisor, in Adult Invisalign Patients, 419

- Facial Analysis, Tetrahedron 3D, in Dentofacial Orthopedics, Invisalign Mandibular Advancers and: 10 Rules, 134
- Finding a Successful Associate to Fit Your Office, 661
- Fixed Retainers with Bonded Pontics, 171
- Forsus Fatigue Resistant Device, Prevention of Mucosal Irritation from the, 557
- Foundations: The Biocreative Strategy, Part 1, 258
- Gottlieb, Eugene L., 2018 JCO Student of the Year: Dr. Samaneh Mojarrad, 240
- Helping Patients Properly Connect Elastic Bands, 117
- Horseshoe Jet for Miniscrew-Supported Molar Distalization, The, 196
- Hot Seat, The, 408
- Impact of Orientation on Dimensional Accuracy of 3D-Printed Orthodontic Models, 13
- Impacted Mandibular Molars, Partially, Management of, Using Temporary Anchorage Devices, 275
- Impacted Molars, Management of Deeply, with the Miniscrew-Supported Pole Technique, 589
- Implant-Borne Crowns in Patients with Congenitally Missing Maxillary Lateral Incisors, Orthodontic Space Closure vs., 284
- In-Office Fabrication of a Simple Miniscrew-Assisted Rapid Palatal Expander, 347
- Incisor Extractions, Single Lower, in Adult Invisalign Patients, 419
- Incisor, Lower, Advancement in Adolescent Patients, Pre-Orthodontic Periodontal Augmentation for, 513
- Incisor, Peg-Shaped Lateral, A Windowed Temporary Crown for a, 559
- Incisors, Avulsed Upper Central, Orthodontic and Restorative Treatment of, 563
- Incisors, Congenitally Missing Maxillary Lateral, Orthodontic Space Closure vs. Implant-Borne Crowns in Patients with. 284
- Incorporating Three-Dimensional Printing in Orthodontics, 28
- Indirect Bonding, Digital, CAD/CAM Technology for, 621 Interdisciplinary Orthodontic Treatment, Space Management with Invisalign for, 219
- Intrusion and Retraction, Simultaneous, Modified Transpalatal Arch for, 439
- Intrusion of a Supraerupted Maxillary Second Molar Using a Modified Cantilever Appliance, 235
- Intrusion System, Triple, Treatment of Skeletal Class II Open Bite with the, 427
- Invisalign Attachments, A Modified Bonding Technique for,
- Invisalign for Interdisciplinary Orthodontic Treatment, Space Management with, 219
- Invisalign Mandibular Advancers and Tetrahedron 3D Facial Analysis in Dentofacial Orthopedics: 10 Rules, 134
- Invisalign Patients, Adult, Single Lower Incisor Extractions in, 419
- Invisalign Treatment Accelerated by Photobiomodulation, Upper Molar Distalization with, 675

- Invisalign's ClinCheck, Virtually Eliminating Undercuts in, 51
- Jaw Deformities, Severe, Nonsurgical Orthodontic Treatment of Adolescent Patients with, 477
- JCO Roundtable: Starting a New Practice, 157
- JCO Student of the Year, 2018 Eugene L. Gottlieb: Dr. Samaneh Mojarrad, 240
- Jump, or Distalize? Class II Correction with Weekly Changes of Computer-Generated Aligners, 684
- Keles Keyless Expander, Rapid Palatal Expansion with the, 598
- Labial and Lingual Space Closure in Extraction Treatment: The Biocreative Strategy, Part 5, 528
- Leveling and Alignment, Does Microvibration Accelerate, A Randomized Controlled Trial, 342
- Lingual Retainer, Active Nickel Titanium, for Minor Tooth Movement, 308
- Lingual Space Closure, Labial and, in Extraction Treatment: The Biocreative Strategy, Part 5, 528
- Management and Marketing, 237, 661
- Management of Deeply Impacted Molars with the Miniscrew-Supported Pole Technique, 589
- Management of Partially Impacted Mandibular Molars Using Temporary Anchorage Devices, 275
- Managing Early Orthodontic Treatment with Clear Aligners, 701
- Mandibular Advancers, Invisalign, and Tetrahedron 3D Facial Analysis in Dentofacial Orthopedics: 10 Rules, 134
- Measuring the Torque on the Terminal End of an Archwire, 346
- Microvibration Accelerate Leveling and Alignment, Does, A Randomized Controlled Trial, 342
- Mini-Implant Anchorage and Minimally Invasive Surgery, Skeletal Open-Bite Correction with, 485
- Mini-Implant Anchorage, Nonsurgical Correction of Class III Malocclusion and Anterior Open Bite with, 629
- Miniscrew Anchorage for Posterior Crossbite Correction in an Adult Patient, 165
- Miniscrew-Assisted Rapid Palatal Expander, In-Office Fabrication of a Simple, 347
- Miniscrew-Supported Molar Distalization, The Horseshoe Jet for. 196
- Miniscrew-Supported Pole Technique, Management of Deeply Impacted Molars with the, 589
- Missing Maxillary Lateral Incisors, Congenitally, Orthodontic Space Closure vs. Implant-Borne Crowns in Patients with, 284
- Models, 3D-Printed Orthodontic, Impact of Orientation on Dimensional Accuracy of, 13
- Modified Bonding Technique for Invisalign Attachments, A, 715

- Modified Transpalatal Arch for Simultaneous Intrusion and Retraction, 439
- Mojarrad, Dr. Samaneh: 2018 Eugene L. Gottlieb JCO Student of the Year, 240
- Molar Distalization in Nonextraction Treatment: The Biocreative Strategy, Part 4, 462
- Molar Distalization, Maxillary, The Zygoma-Gear Appliance for, 412
- Molar Distalization, Miniscrew-Supported, The Horseshoe Jet for, 196
- Molar Distalization, Upper, with Invisalign Treatment Accelerated by Photobiomodulation, 675
- Molar, Second, Supraerupted Maxillary, Intrusion of a, Using a Modified Cantilever Appliance, 235
- Molars, Management of Deeply Impacted, with the Miniscrew-Supported Pole Technique, 589
- Molars, Partially Impacted Mandibular, Management of, Using Temporary Anchorage Devices, 275
- Mucosal Irritation, Prevention of, from the Forsus Fatigue Resistant Device, 557
- New Practice, Starting a: JCO Roundtable, 157
- Nickel Titanium Lingual Retainer, Active, for Minor Tooth Movement, 308
- Nonextraction Treatment, Molar Distalization in: The Biocreative Strategy, Part 4, 462
- Nonsurgical Correction of Class III Malocclusion and Anterior Open Bite with Mini-Implant Anchorage, 629
- Nonsurgical Management of Severe Reverse Overbite in a Young Adult, 109
- Nonsurgical Orthodontic Treatment of Adolescent Patients with Severe Jaw Deformities, 477
- Open Bite, Anterior, Nonsurgical Correction of Class III Malocclusion and, with Mini-Implant Anchorage, 629
- Open Bite, Skeletal Class II, Treatment of, with the Triple Intrusion System, 427
- Open-Bite Correction, Skeletal, with Mini-Implant Anchorage and Minimally Invasive Surgery, 485
- Orientation, Impact of, on Dimensional Accuracy of 3D-Printed Orthodontic Models, 13
- Orthodontic and Restorative Treatment of Avulsed Upper Central Incisors, 563
- Orthodontic Space Closure vs. Implant-Borne Crowns in Patients with Congenitally Missing Maxillary Lateral Incisors, 284
- Overbite, Severe Reverse, in a Young Adult, Nonsurgical Management of, 109
- Overview, 325
- Palatal Expander, Rapid, In-Office Fabrication of a Simple Miniscrew-Assisted, 347
- Palatal Expansion, Rapid, with the Keles Keyless Expander, 598

January, pp. 1-60; February, pp. 61-120; March, pp. 121-188; April, pp. 189-248; May, pp. 249-316; June-July, pp. 317-376; August, pp. 377-444; September, pp. 445-504; October, pp. 505-572; November, pp. 573-648; December, pp. 649-732

VOLUME LII NUMBER 12 725

Patient Compliance with Removable Clear Aligner Therapy, 710

Pearls, 51, 117, 171, 235, 308, 346, 439, 476, 559, 639, 715 Peg-Shaped Lateral Incisor, A Windowed Temporary Crown for a, 559

Periodontal Augmentation for Lower Incisor Advancement in Adolescent Patients, Pre-Orthodontic, 513

Permanent Dentitions, Correction of Maxillary Transverse Deficiency in Growing Patients with, 148

Photobiomodulation, Upper Molar Distalization with Invisalign Treatment Accelerated by, 675

Pole Technique, Miniscrew-Supported, Management of Deeply Impacted Molars with the, 589

Pontics, Bonded, Fixed Retainers with, 171

PowerScope 2, Skeletally Anchored, for Adult Class II, Division 2 Treatment, 551

PowerScope System for Simplified Class II Treatment, The, 80

Practice Profile, 45, 495

Pre-Orthodontic Periodontal Augmentation for Lower Incisor Advancement in Adolescent Patients, 513

Preprosthetic Orthodontics in an Adult with Multiple Anterior Edentulous Spaces and Loss of Vertical Dimension, 297

Prevention of Mucosal Irritation from the Forsus Fatigue Resistant Device, 557

Printing in Orthodontics, Incorporating Three-Dimensional, 28

Printing, Three-Dimensional, CAD/CAM Software for, 22 Ransomware: Is Your Practice Protected? 237

Rapid Palatal Expander, In-Office Fabrication of a Simple Miniscrew-Assisted, 347

Rapid Palatal Expansion with the Keles Keyless Expander, 598

Readers' Corner, The, 9, 303

Resin Bite Turbos, 456

Restorative Treatment of Avulsed Upper Central Incisors, Orthodontic and, 563

Retainer, Active Nickel Titanium Lingual, for Minor Tooth Movement, 308

Retainers, Fixed, with Bonded Pontics, 171

Retention, Closure of Mandibular Spaces During, 639

Retraction, Simultaneous Intrusion and, Modified Transpalatal Arch for, 439

Rotated Teeth, Severely, Bonded Attachment for, 476 Roundtable, 157

Salem Smiles Orthodontics: Practice Profile, 495

Scissor Bite, Severe Unilateral, in Growing Class II Patients, Correction of, 97

Self-Ligating Brackets, 408

Silmon Orthodontics, and Cosse: Practice Profile, 45

Single Lower Incisor Extractions in Adult Invisalign Patients, 419

Skeletal Anchorage and Intermaxillary Elastics in Class II Treatment, Combining, 227 Skeletal Class II Open Bite, Treatment of, with the Triple Intrusion System, 427

Skeletal Open-Bite Correction with Mini-Implant Anchorage and Minimally Invasive Surgery, 485

Skeletally Anchored PowerScope 2 for Adult Class II, Division 2 Treatment, 551

Space Closure, Orthodontic, vs. Implant-Borne Crowns in Patients with Congenitally Missing Maxillary Lateral Incisors, 284

Space Management with Invisalign for Interdisciplinary Orthodontic Treatment, 219

Spaces, Closure of Mandibular, During Retention, 639

Student of the Year, JCO, 2018 Eugene L. Gottlieb: Dr. Samaneh Mojarrad, 240

Supraerupted Maxillary Second Molar, Intrusion of a, Using a Modified Cantilever Appliance, 235

Surgery, Minimally Invasive, Skeletal Open-Bite Correction with Mini-Implant Anchorage and, 485

Technique Clinic, 347, 557

Temporary Anchorage Devices, Management of Partially Impacted Mandibular Molars Using, 275

Tetrahedron 3D Facial Analysis in Dentofacial Orthopedics, Invisalign Mandibular Advancers and: 10 Rules, 134

Three-Dimensional Printing in Orthodontics, Incorporating, 28

Three-Dimensional Printing, CAD/CAM Software for, 22 Torque on the Terminal End of an Archwire, Measuring the, 346

Transpalatal Arch, Modified, for Simultaneous Intrusion and Retraction, 439

Transverse Deficiency, Maxillary, in Growing Patients with Permanent Dentitions, Correction of, 148

Treatment of Skeletal Class II Open Bite with the Triple Intrusion System, 427

Turbos, Resin Bite, 456

Tweemac Analysis, The: The Biocreative Strategy, Part 2, 359

Undercuts in Invisalign's ClinCheck, Virtually Eliminating, 51

Upper Molar Distalization with Invisalign Treatment Accelerated by Photobiomodulation, 675

Vertical Dimension, Loss of, Preprosthetic Orthodontics in an Adult with Multiple Anterior Edentulous Spaces and, 297

Virtually Eliminating Undercuts in Invisalign's ClinCheck, 51

Weekly Changes of Computer-Generated Aligners, Class II Correction with: Distalize or Jump? 684

Windowed Temporary Crown for a Peg-Shaped Lateral Incisor, A, 559

Workflows, Digital, in Orthodontics, 34

Zygoma-Gear Appliance for Maxillary Molar Distalization, The, 412