

Dr. Naphtali Brezniak  
Head of the Orthodontic residency - Israel Defence Force

### Curriculum Vitae

Name: Naphtali Brezniak  
Date and Place of Birth: June 5, 1950, Israel  
Marital status: In relationship + 2 daughters (18:6 and 17)  
Place of work:  
Private clinic: Tel-Aviv, 43 Brodezki St. Israel  
Hadera, 13 Rotchild St.  
Kibbutz Maanit Dr. Oded Assif Dental Clinic  
Kibutz Maabarot Dental Clinic  
Home Address: Tel-Aviv, 9 Maurizio Vitale St. Tel-Aviv 6965104,  
Israel  
Tel: 03-6411733, Fax: 03-64116569,  
Email: [Brezniak@gmail.com](mailto:Brezniak@gmail.com)  
Web: [www.ortho1.co.il](http://www.ortho1.co.il)  
Citizenship: Israel

### **Schools and Universities record:**

1968-1975: Tel Aviv University Medical School

Tel Aviv, Israel

1980-1983: Hebrew University Dental School

Jerusalem, Israel

1984-1986: University of the Pacific

San Francisco, California, U.S.A.

1996-1997: Hagalil College

Beit-Berl, Israel

1979-1980: MAMRAM

Israel Defence Force

### **Degrees**

### Date Awarded/Expected

M.D. - Tel Aviv University 1975

D.M.D. - Hebrew University 1984

M.S.D - University of the Pacific, SF California 1986

Certificate in Orthodontics - University of the Pacific, SF California 1986

Certificate in Medical Administration - Hagalil College 1997

Computer programmer - MAMRAM (IDF) 1980

**Specialties:**

Board certified - Israeli Board of Orthodontics 1989

Board certified (Diplomat) - **American Board of Orthodontics** 1997

**Work Experience**

**A: Israel Defence Forces:**

1976-1979 - **Physician** - in a Navy unit

1980-1981 – Mamram – programming and informational technology

1980-1984 - **Company Commander of medical troop** - Active in the  
1982 War of Galilee

1983-1984 - **Dentist** - General dentistry

1986-1997 - **Head of the Orthodontic Department, The center of  
Dentistry, Sheba Medical center, Tel-Hashomer –**  
(lieutenant colonel)

2000-2012 - **Head of the Orthodontic Residency** - (as civilian)

**B: Yosseftal Medical Center - Eilat**

1976-1979 - **Physician** - Emergency Medicine, Public health - Family  
Doctor, and Hyperbaric medicine.

**C: Tel-Aviv University - Orthodontic Department**

1987-1993 - **Instructor**

**D: Orthodontics**

1987-open - **Orthodontist** - in a private clinic

### **Other Courses and Special Experience of Study**

#### Basic sciences in immunology

1995-1999 (Sheba Medical Center - Heller institute)

Build-up of a protocol to quantitatively evaluate the amount of SAA and IgD blood levels using ELISA

#### Computer programming

1998 - in a private school (One to One) - Web Page builder

### **Membership in Professional Societies**

#### American Association of Orthodontics

1984-open

#### American Boards of Orthodontics - College of Diplomats

1997-open

#### World Federation of Orthodontists

1988-open

#### Israeli Dental Association

1988-open

#### Israeli Orthodontic Society

1987-open

## **Professional and Academic Activities**

Israel Dental Association - Scientific Council - Orthodontics Section

1992-open, member of; **1995-2000: head of**

Israel Dental Association - Scientific Council - Orthodontics and Pedodontics

Examination Committee

1992 - 2000: member of

Israeli Dental Association - Judge in dental affairs

1997-2000: member of

Israel Orthodontic Society

1999-2001: **president of**

## **Editorial Reviewer**

American Journal of Orthodontics and Dentofacial Orthopedics

1993 - open, reviewer of the journal

Angle Orthodontist

2002 - open, reviewer of the journal

## **Awards**

Hebrew University 1983

**Excellent student**

Frederick T. West Leadership Award

**Outstanding student leadership; University of the Pacific 1986**

Orthodontic Alumni Association Award

**Outstanding research thesis; University of the Pacific 1986**

The Israeli Orthodontic Society

**Outstanding Contribution to the Orthodontic Society 2016**

### **Papers:**

1. Brezniak N. Roberts WE. Multiple fluorochrome histomorphometric analysis of rat trabecular bone J. of Dental Research, Volume 65:235 Special Issue, 1986.
2. Brezniak N. Roberts WE. Relative incidence of different color fluorochrome labels at four weekly interval in rat vertebrae The Anatomical Record, 214 (3):16A, March 1986.
3. Roberts WE. Turley PK Brezniak N. Fiedler PJ. Bone physiology and metabolism California Dental Association Journal 54-61, 1987.
4. Brezniak N. Ben-Yair S. Patient burnout - Behavior of young adults undergoing orthodontic treatment Stress Medicine 5(3) 183-188:1989
5. Brezniak N. Meidan Z. Leiberman M. Orthodontic positioning of an impacted supernumerary tooth: report of a case Quintessence International 21(4):321-324, 1990.
  - 5a. Published later in:  
Quintessence - publication internacional de odontologia 4(3):171-174, 1991.
  - 5b. Published later in:  
Quintessence - The Japanese Edition 11(2):136-139, 1992.
6. Gross M. Brezniak N. Temporomandibular joint relation Dental Medicine 7(1): 3-13, 1989.
7. Gleis R. Brezniak N. Leiberman M. Israeli cephalometric standards compared to Downs and Steiner analyses Angle Orthodontist 60(1):35-40, 1990.
8. Brezniak N. Lower first molar mesiobuccal root resorption J. Clin Orthod 24(1),25-28, 1990.
9. Roberts WE. Brezniak N. Histomorphometry of surgical, biomechanical and gravitational effects at the macroscopic an microscopic levels Bone Symposium at Oregon Health Sciences University 147-172, 1991.
10. Peretz B. Brezniak N. Fusion of primary mandibular teeth: Report of a case: Journal of Dentistry for children 366-68:Sep-Oct, 1992.
11. Brezniak N. Wasserstein A. Root resorption after orthodontic treatment: Part 1. Literature review - Am J Orthod Dentofacial Orthop 103:62-66, 1993.
12. Brezniak N. Wasserstein A. Root resorption after orthodontic treatment: Part 2. Literature review - Am J Orthod Dentofacial Orthop 103:138-146, 1993.

13. Tzur B. Brezniak N. Ben-Yehuda A. Controlled tooth eruption as a means for restoration of local gingival esthetic defect - J. Clin Orthod 26(10):645-647, 1992.
14. Brezniak N. Ben-Yehuda A Shapira Y. Unusual mandibular canine transposition: A case report - Am J Orthod Dentofacial Orthop 104:91-4, 1993.
15. Root resorption associated with orthodontic treatment: Etiology and clinical aspects - J. Isr Dent Assoc 11(1): 48-54, 1994
16. Brezniak N. Wasserstein A. Transposition between canines and lateral incisors in the mandible - J. Isr Dent Assoc 1996; 13(4):28-33.
17. Brezniak N. Wasserstein A. Bilateral transposition in the mandible between canines and lateral incisors - report of a case - J. Isr Dent Assoc 1997; 14(1):22-26.
18. Wasserstein A. Tzur B. Brezniak N. Incomplete canine transposition and maxillary central incisor impaction - a case report - Am J Orthod Dentofacial Orthop 111(6):635-39, 1997.
19. Wasserstein A. and Brezniak N. Disclosing material usage to detect fixed retainers bonding failure. J. Clin Orthod. 32(10):598-599, 1998
20. Brezniak N. Livneh A. Strasburg S. Pras M. Serum IgD as a discriminator between Behcet's disease and Hyper IgD syndrome - Ann.Rheum. Dis. 57:255-256, 1998
21. Strasburg S. Livneh A. Brezniak N. Pras M. Long term effects of amyloid enhancing factor - Clin. Exp. Rheumatol.16:299-302, 1998
22. Brezniak N. Wasserstein A. Eini S. A "third party" eye injury caused by an orthodontic face bow - J. Clin Orthod.32(4):230-231,1998
23. Padeh S, Brezniak N, Zemer D, Pras E, Livneh A, Langevitz P, Migdal A, Pras M, Passwell JH. Periodic fever, aphthous stomatitis, pharyngitis, and adenopathy syndrome: clinical characteristics and outcome. J Pediatr 1999 Jul;135(1):98-101
24. Shtrasburg S. Pras M. Brezniak N. Dolitzki M. Livneh A.: Pregnancy and amyloidogenesis: I. Offspring of amyloidotic mice are not predisposed to develop amyloidosis. J Lab Clin Med 1999 Aug;134(2):168-72
25. Redilch M. Mazor Z. Brezniak N. Severe high angle Class II division 1 malocclusion with vertical maxillary Excess. Am J Orthod Dentofacial Orthop. 1999 Sep;116(3):317-320.
26. Gang N. Drenth JPH. Langevitz P., Zemer D., Brezniak N. Pras M. Van der meer JWM and Livneh A.. Activation of the Cytokine Network in Familial Mediterranean Fever. The Journal of Rheumatology, 26(4);890-897, 1999.
27. Brin I., Ben-Bassat Y. Heling I. and Brezniak N. Profile of an Orthodontic Patient at Risk of Dental Trauma. Endodo Dent Traumatol 2000;16:111-115

28. Ben-Bassat Y, Brin I. and Brezniak N. Can Maxillary Incisor Trauma Be Predicted From Cephalometric Measurements - Am J Orthod Dentofacial Orthop. 2001 Aug;120(2):186-9.
29. Brezniak N. and Wasserstein A. Orthodontic Induced Inflammatory Root Resorption (OIIRR) - A contemporary review - Part I - Angle orthod. (72):175-179, 2002.
30. Brezniak N. and Wasserstein A. Orthodontic Induced Inflammatory Root Resorption (OIIRR) - Clinical considerations - Part II - Angle orthod. (72):180-184, 2002.
31. Brezniak N., Arad A., Heller M., Dinbar A. and Wasserstein A. The Pathognomonic Characteristics of Angle Class II div 2 Malocclusion.- Angle orthod. (72):251-257, 2002.
32. Samuels RHA and Brezniak N. Orthodontic Facebows: Safety Issues and Current management - J. of Orthodontics (29):101-107, 2002.
33. Brezniak N.Goren S, Zoizner R, Heller M., Dinbar A, Arad A., and Wasserstein A. A Comparison between Three Ways to Accurately Measure Root Length. Angle Orthod.74(6):786-91, 2004.
34. Brezniak N.Goren S, Zoizner R, Shochat T., Heller M., Dinbar A, Arad A., and Wasserstein A. The Accuracy of the CEJ Identification on Periapical Films. Shochat T Angle Orthod.74(4):496-500, 2004.
35. Wasserstein A, Brezniak N. Shalish M, Heller M, Rakocz M. Angular Changes and Their Rates in Concurrence to Developmental Stages of Mandibular Second Premolar. Angle Orthod 74(3):332-6 2004.
36. Brezniak N.Goren S, Zoizner R, Heller M., Dinbar A, Arad A., and Wasserstein A. The use of an individual jig in measuring tooth length changes. Angle Orthod.74(6):780-5, 2004.
37. Goren S. Tzoizner R. Dinbar A. Levin L. Brezniak N. Prevalence of congenitally missing teeth in Israeli recruits. Refuat Hapeh Vehashinayim. Apr;22(2):49-53, 87. 2005.
38. Rabinovich E, Livneh A, Langevitz P, Brezniak N, Shinar E, Pras M, Shinar Y. Severe disease in patients with rheumatoid arthritis carrying a mutation in the Mediterranean fever gene. Ann Rheum Dis. 64(7):1009-14. 2005.
39. Samuels RH, Brezniak N. A new labial palatal expander and stabilizer. J. Clin. Orthod 40(11): 665-70, 2006.
40. Brezniak N. Birnboim-Blau G. Bar-Hama P. Wasserstein A. Dinbar A. The inaccuracy of the panoramic film as a tool to determine tooth inclination. Accepted – World Fed. Orthod. 2007.

41. Goren S, Brezniak N. Partial Orthodontic Treatment – A Case Report – and its implications. Accepted for publication - Refuat Hapeh Vehashinayim 2007.
42. Brezniak N. The clear plastic appliance: Point of view. Angle Orthod. Mar;78(2):381-2, 2008.
43. Brezniak N, Wasserstein A. Root resorption following treatment with aligners. Angle Orthod. 2008 Nov;78(6):1119-24.
44. Brezniak N, Turgeman R, Redlich M. Incisor inclination determined by the light rereflection zone on the tooth's surface. Quintessence Int. 2010 Jan-Feb;41(1):27-34.
45. Brezniak N, Protter N, Herman A, Turgeman R, Zoizner R. Biomechanics of self-ligating brackets. Am J Orthod Dentofacial Orthop. 2010 Apr;137(4):444;
46. Brezniak N, Krauss A Online Conferences. Refuat Hapeh Vehashinayim. 2011 Apr;28(2):76.
47. Brezniak N, Birnboim-Blau G, Bar-Hama P, Zoizner R, Dinbar A, Wasserstein A. The inaccuracy of the panoramic radiograph as a tool to determine tooth inclination. Refuat Hapeh Vehashinayim. 2012 Jan;29(1):36-9,65.
48. Brezniak N, Wasserstein A, Shmuli T. Light reflection zone on the incisors' surface-a new parameter for smile esthetics evaluation. Refuat Hapeh Vehashinayim. 2012 Jul;29(3):39-43,
49. Brezniak N, Krauss A. Success has many parents while failure is an orphan. Refuat Hapeh Vehashinayim. 2012 Jul;29(3):61,60.
50. Coval M, Wasserstein A, Brezniak N. Lip angle and the position of the maxillary lateral incisor--post orthodontics retention considerations. Refuat Hapeh Vehashinayim. 2013 Jan;30(1):44-50,71.
51. Brezniak N. Listen to your body. Refuat Hapeh Vehashinayim (1993). 2013 Jul;30(3):64.
52. Brezniak N, Wasserstein A. Defining and framing orthodontitis: a new term in orthodontics. Angle Orthod. 2014;84:568–69.
53. Shmuli T, Wasserstein A, Turgeman R, Brezniak N Differences between laypersons and orthodontists in recognizing the light reflection zone on the maxillary central incisors crowns. Refuat Hapeh Vehashinayim (1993). 2014 Jul;31(3):26-30, 60-1.



54. Brezniak N, Wasserstein A. Orthodontic Root Resorption – A New Perspective, Guest Editorial. The Angle Orthodontist. 2016; 86(6), 1056-57.

### **Oral Presentations:**

1. Brezniak N. Gleis R. Laor A. Gershon F. Comparison between sexes and ethnic groups of cephalometric norms of Israeli young Adults IADR Israeli Division No 27, 1989

2. Brezniak N. Gleis R. Laor A. Gershon F. Cephalometric norms of Israeli young adults IADR Israeli Division No 28, 1989.

3. Brezniak N. Renert A. Avraham Z. Cephalometric study of relaxed versus strained lips relation IADR Israeli Division No 60, 1990.

4. Heller M. Arad A. Wasserstein A. Brezniak N. The Relative Position of Angle C1 II/2 Malocclusion in Comparison to C1 II/1 and C1 I Angle Malocclusion - IADR Israeli Division 1995, No 28.

5. Arad A. Heller M. Wasserstein A. Brezniak N. Cephalometric Parameters Featuring Israelis with Angle C1 II/2 Malocclusion - IADR Israeli Division 1995, No 27.

6. Brezniak N. Wasserstein A. Dinte A. Cephalometric Parameters of Angle C1 II/1 Malocclusion Patients Treated by 3 Types of Functional Orthopedic Appliances - IADR Israeli Division 1995, No 25.

7. Wasserstein A. Brezniak N. Dinte A. Comparison Between Angle C1 II/1 Malocclusion Cephalometric Parameters of Israelis and a Michigan Study - IADR Israeli Division 1995, No 31.

8. Dinte A. Dinbar A. Brezniak N. Wasserstein A. A Comparison between 3 A-P Cephalometric Measurements in a Group of Anterior Open Bite Patients - IADR Israeli Division 1995, No 30.

9. Arad A. Heller M. Brezniak N. Wasserstein A. Angle C1 II/2 Malocclusion - A Comparative Study with the Literature - IADR Israeli Division 1995, No 29.

10. Dinbar A. Dinte A. Wasserstein A. Brezniak N. A Cephalometric Comparison Between Two Anterior Open Bite Subgroups Differentiated by WITS. - IADR Israeli Division 1995, No 32.

11. Padeh S, Brezniak N. Zemer D. Pras E. Livneh A. Langevitz P. Migdal A. Pras M. Passwell JH: Periodic fever, aphthous stomatitis, pharyngitis and adenopathy syndrome: clinical characteristics and outcome. Presented at the 1998 Pediatric Academic Societies, Annual Meeting May 1-5, 1998, New Orleans

12. Does Angle Class II division 2 have a unique skeletal pattern? Oral presentation at the American Association of Orthodontists 99th Annual Session, May 14-18, 1999.
13. Brezniak N., Ben-Bassat Y, and Brin I. Can We Predict the Profile of a Trauma-Susceptible Patient? presented in the Pedodontic Annual Session, Eilat, 1999
14. Brezniak N., Ben-Bassat Y. Heling I. and Brin I. Overjet, Lip Coverage and Traumatic Injury Among Orthodontic Patients. IADR, June 1999
15. Can Occurrence of Dental Trauma Be Predicted. Oral presentation at the 7th International Congress of the Turkish orthodontic Society, Istanbul June 2000.
16. Can Occurrence of Dental Trauma Be Predicted by Analyzing Cephalograms Values. Oral presentation at the 6th Panhellenic Orthodontic Congress, Athens, Sept-Oct. 2000.
17. Root Resorption - an update. Oral presentation at the 6th Panhellenic Orthodontic Congress, Athens, Sept-Oct. 2000.
18. Congenital missing laterals - Oral presentation at the Israeli Dental Association Meeting, Nov 22-23, 2001
19. Goren S., Zoizner R., Heller A., Dinbar A., Shochat T., Brezniak N. CEJ Identification as a Landmark for Tooth Length Measurements - Presented at the IADR Israeli Division 2002
20. Goren S., Zoizner R., Heller A., Dinbar A., Shochat T., Brezniak N. The Accuracy of Crown to Root Ratio as measured on PA film - Presented at the IADR Israeli Division 2002.
21. Root Resorption - an update. Oral presentation at the American Association of Orthodontics, San Francisco, May 2005.
22. Root Resorption - an update. Oral presentation at the 5th World Federation of Orthodontics, Paris, Sept 2005.
23. Bar-Hama P, Birnboim G. Brezniak N. Which are the most valuable predictor parameters to the PAR index? – Presented at the IADR Israeli Division 2004.
24. . Bar-Hama P, Birnboim G. Brezniak N. The PAR Index – Presented at the IADR Israeli Division 2004.
25. The Utility of the PAR Index. Oral presentation at the 6th Interdisciplinary Israel Orthodontic Society Congress Jerusalem December, 2005
26. Root Resorption - an update. Oral presentation at the 40th anniversary of the Orthodontic Department in Hadassah Dental School, December 2005
27. Root Resorption - an update. Oral presentation at the British Orthodontic Society, Harrogate, September 2007

28. The Gordian Knot between the Orthodontist and his Patients. Oral presentation at the British Orthodontic Society, Harrogate, September 2007
29. Decision making process. Oral presentation at the Oral Rehabilitation Association meeting. Tel-Aviv, Israel April 1<sup>st</sup>, 2009
30. Root Resorption: Keynote speaker at the American Association of Orthodontics meeting – Boston, USA May 3<sup>rd</sup> 2009.
31. Keynote speaker at the World Federation of Orthodontists – Sydney, Australia, February 10, 2010.
32. Incisor inclination determined by the light rereflection zone on the tooth's surface  
Brezniak N. Turgeman R. Redlich M.. Presented at the IADR meeting in Greece 2008.
33. Root resorption – The Algorithm for making a clinical decision- Brezniak N. Hong-Kong, Feb 26, 2010.
34. Incisor Inclination – Brezniak N. AAO convention May 2011.
35. Root Resorption and Incisor Inclination – Brezniak N. Paris, Local Organization. July 2011.
36. Trauma and Orthodontic Treatment – Brezniak N and Wasserstein Atalia, Jerusalem April 2013
37. Orthodontic Root Resorption – Sign, Symptom, Disease, A New Concept and a New Perspective. Brezniak N. and Wasserstein A. AAO Convention May 2013, Philadelphia.
38. Dental Trauma – Diagnosis and Treatment, Brezniak N and Wasserstein A – School of Dentistry, Hebrew University, April 2013, Jerusalem.
39. Reframing Orthodontic Root Resorption – Brezniak N. Local meeting at Warsaw Poland, August 2013.
40. Orthodontitis versus Periodontitis – Brezniak N. Periodontology and Osteointegration Society, February 2015, Tel-Aviv.
41. Biomechanics of Root Resorption – Burstone memorial pre-symposium, Indianapolis, October 2015.
42. Orthodontics Problems in Young Adults. Clalit Smile Meeting. December 2015, Nazareth.

43. Biomechanics of Root Resorption - Brezniak N and Wasserstein Atalia, AAO Convention May 2016, Orlando.

### **Chapters in Books:**

1. Roberts WE. Garetto LP. Brezniak N. Bone physiology and metabolism - in: Contemporary Implant Dentistry. Ed. Carl E. Misch, Pub. Mosby - year book, Inc. 327-353, 1993.
2. Shtrasburg S. Pras M. Brezniak N. Livneh A. Offspring of amyloidotic mice have no increased susceptibility to develop amyloidosis. in: Amyloid and Amyloidosis. Ed. Kyle RA, Gertz MA, Pub. Parthenon Publishing - pp. 393-395, 1998
3. Gang N. Drenth JPH. Livneh A. Langevitz P. Zemer D. Brezniak N. Pras M. Van der meer JWM. Activation of the Cytokine network in Familial Mediterranean Fever (FMF) -in: Familial Mediterranean Fever (FMF). Ed. Sohar E, Gafni j, Pras M, Pub. Freund Publishing House Ltd, London. 1998.
4. Brezniak N. and Wasserstein A. Orthodontitis: The Inflammation Behind Tooth Movement and Orthodontic Root Resorption. in: Biology of Orthodontic Tooth Movement Ed: Bhavna Shroff. Pub. Springer International Publisher Switzerland 2016.

### **Letters:**

1. Brezniak N. International membership: Referrals - Letter to the editor. American Journal of Orthodontics and Dentofacial Orthopedics 105:19A-20A, 1994.
2. Brezniak N. Further comment on international referrals - Letters to the editor. American Journal of Orthodontics and Dentofacial Orthopedics 106:21A, 1994.
3. Dinte A. Brezniak N. Wasserstein A. Anteroposterior dysplasia indicator [letter] - Angle-Orthod. 1995; 65(6): 384-5.
4. Brezniak N. Arad A. Heller M. Wasserstein A. Class II division 2 Skeletal pattern - Letter to the Editor - Angle Orthodontists 68(2):104,1998.
5. Brezniak N, Wasserstein A. The new Locking Facebow: Its use and more. American Journal of Orthodontics and Dentofacial Orthopedics 115(1);19A,1999
6. Sheskin R and Brezniak N. Erbium YAG Laser - A Surprising Clinical Finding. Letter to the Editor. Pediatric dentistry 2000; 22(3):186.
7. Padeh S, Brezniak N, Zemer D, Pras E, Livneh A, Langevitz P, Migdal A, Pras M, Passwell JH.  
Reply. J Pediatr. 2000 Sep;137(3):439-40. No abstract available.
8. Barash J. Pirogovsky A. Livneh A. Brezniak N. Dror Y. Hahn T. Colchicine treatment in familial Mediterranean fever: An indirect effect on in-vitro serum amyloid A secretion via leukocyte derived factor. Clin Exp Rheum 19 (Suppl 24) 2001.

9. Brezniak N. Functional Appliances, Apical Force Distribution - Angle Orthod. Oct 71(5), 2001.

10. Brezniak N, Protter N, Herman A, Turgman R, Zoizner R. Biomechanics of self-ligating brackets. Am J Orthod Dentofacial Orthop. 2010 Apr;137(4):444

11. Brezniak N, Forces and moments generated by removable thermoplastic aligners: incisor torque, premolar derotation, and molar distalization. Am J Orthod Dentofacial Orthop. 2014

### **Theses**

1. Trephine lung biopsy - Thesis towards M.D. degree.
2. Trabecular remodeling of rat vertebra - Thesis towards M.S.D. in orthodontics

### **Tutor of the following theses at the Tel-Aviv University, Hebrew University, Schools of Dentistry, Orthodontic Departments and others:**

1. Israeli cephalometric standards compared to Downs and Steiner analyses - by Dr. Gleiss Ruth
2. Cephalometric study of relaxed versus strained lips relation - by Dr. Renert Adam.
3. Root Resorption - By Dr. Vasserstein Atalia
4. Orthodontics in Israel in the 2020 – By Dr. Giora Martinovich (General Surgeon)
5. The effect of light reflection on the teeth – By Dr. Ronit Turgman

### **Extracurricular publication and activities:**

1. Author of the book - The Birch Trees Stand Tall – 2004, Yad Vashem Publisher. Israel (in Hebrew). And Spacecreator, Publisher 2010, USA (in English and in German)
2. Author of the book – Abstracts – 2007, Kinert, Zmora Bitan, Publisher, Israel
3. Author of the book – The Patent – 2013, Orion Publisher, Israel
4. Author of the book – At the Bike Level - 2017 New World Publisher, Israel
5. Active member in the Association of the survivor of the of Mezritch in Israel (Second generation to the Holocaust survivors).
6. Member of the Orthodontic Startup Group in Israel (since 2006)

### **Patents Inventor:**

1. Dental brackets or attachments and methods and devices for using the same  
USPatent # 20070054230
2. The “Swivel-Lever” mechanism, IL Patent #183856
3. The “spring lock” mechanism, IL Patent #183315