

Lista de lucrări

Şef lucrări Dr. Bud Eugen

Teză de doctorat

Cercetări privind tratamentul edentaţiei parţiale la tineri

Anul susţinerii: 2011 Conducător ştiinţific: Prof Dr Popşor Sorin

Atribuirea titlului de doctor prin Ordinul Ministrului Educaţiei, Cercetării, Tineretului şi Sportului nr. 5743/12.09.2012

Instituţia eliberatoare a diplomei de doctor: UMST G.E.Palade Târgu-Mureş

Cărţi de specialitate (după ultima promovare):

Alexandru Vlasa, **Eugen Bud**, Mariana Păcurar, Csilla Bukhari, Imola Buka, Anamaria Bud. Noţiuni practice de parodontologie şi ortodonţie la pacientul parodontopat. Editura University Press Târgu-Mureş, 2021, 77 pg, ISBN 978-973-169-697-3, cod CNCIS 210. **(20 pct)**

Doru Roman, **Eugen Bud**, Manuela Chibelea, Mariana Păcurar. Tehnologia fazelor generale de lucru în confecţionarea aparatelor ortodontice. Editura University Press Târgu-Mureş, 2021, 83 pg, ISBN 978-973-169-694-2, cod CNCIS 210. **(20 pct)**

Cărţi de specialitate (înainte de ultima promovare):

Păcurar Mariana, **Bud Eugen**, Eşian Daniela, Chibelea Manuela. Ancorajul în ortodonţie. Editura University Press Târgu-Mureş, 2015, 109 pg, ISBN 978-973-169-360-6, cod CNCIS 210.

Eşian Daniela, Păcurar Mariana, Jurcă Anamaria, **Bud Eugen**, Bică Cristina. Pedodonţie. Îndrumător de lucrări practice. Editura University Press Târgu-Mureş, 2014, 249 pg, ISBN 978-973-169-311-8, cod CNCIS 210.

Articole publicate în extenso

Articole publicate în reviste cotate ISI cu factor de impact, în calitate de autor principal (după ultima promovare):

1. **Bud ES**, Bocanet VI, Muntean MH, Vlasa A, Bucur SM, Păcurar M, Dragomir BR, Olteanu CD, Bud A. Accuracy of Three-Dimensional (3D) Printed Dental Digital Models Generated with Three Types

of Resin Polymers by Extra-Oral Optical Scanning. *Journal of Clinical Medicine*. 2021; 10(9):1908, ISSN 2077-0383 <https://doi.org/10.3390/jcm10091908> FI: 3,303 (64,545 pct)

2. **Bud ES**, Bica CI, Stoica OE, Vlasa A, Eșian D, Bucur S-M, Bud A, Chibeleian M, Păcurar M. Observational Study Regarding the Relationship between Nutritional Status, Dental Caries, Mutans Streptococci, and Lactobacillus Bacterial Colonies. *International Journal of Environmental Research and Public Health*. 2021; 18(7):3551, ISSN 1660-4601, <https://doi.org/10.3390/ijerph18073551> FI:2,849 (57,735 pct)

3. **Bud ES**, Bică CI, Păcurar M, Vaida P, Vlasa A, Martha K, Bud A. Observational Study Regarding Possible Side Effects of Miniscrew-Assisted Rapid Palatal Expander (MARPE) with or without the Use of Corticopuncture Therapy. *Biology*. 2021; 10(3):187. ISSN 2079-7737, <https://doi.org/10.3390/biology10030187> FI:3,796 (71,94 pct)

4. Chelărescu S, Șurlin P, Decusară M, Oprică M, **Bud E**, Teodorescu E, Elsaafin MN, Păcurar M. Evaluation of IL1 β and IL6 Gingival Crevicular Fluid Levels during the Early Phase of Orthodontic Tooth Movement in Adolescents and Young Adults. *Applied Sciences*. 2021; 11(2):521, ISSN 2076-3417, <https://doi.org/10.3390/app11020521> FI:2,474 autor correspondent (52,11 pct)

5. Coman AN, Mare A, Tanase C, **Bud E**, Rusu A. Silver-Deposited Nanoparticles on the Titanium Nanotubes Surface as a Promising Antibacterial Material into Implants. *Metals*. 2021; 11(1):92, ISSN 2075-4701, <https://doi.org/10.3390/met11010092> FI:2,117 autor corespondent (46,755 pct)

6. **Bud ES**, Păcurar M, Vlasa A, Lazăr AP, Lazăr L, Vaida P, Bud A. Retrospective Case Series Regarding the Advantages of Cortico-Puncture (CP) Therapy in Association with Micro-Implant Assisted Rapid Palatal Expander (MARPE). *Applied Sciences*. 2021; 11(3):1306, ISSN 2076-3417, <https://doi.org/10.3390/app11031306> FI:2,474 (52,11 pct)

7. **Bud ES**, Vlasa A, Bud A. Diabetes Mellitus is Associated with Severe Infection and Mortality in Patients with COVID-19: A Systematic Review and Meta-analysis. *Arch Med Res*. 2021 Apr; 52(3):356, ISSN 0188-4409, <https://doi.org/10.1016/j.arcmed.2020.11.003> FI:2,093 (46,395 pct)

8. **Bud ES**, Bud A, Păcurar M, Vlasa A, Lazăr AP, Lazăr L. Clinical Studies Regarding Electromagnetic Stimulation in Proximity of Dental Implants on Patients with/without Orthodontic Treatment. *Journal of Clinical Medicine*. 2020; 9(12):3983, ISSN 2077-0383, <https://doi.org/10.3390/jcm9123983> FI:3,303 (64,545 pct)

9.Vaida LL, **Bud ES**, Halitchi LG, Cavalu S, Todor BI, Negrutiu BM, Moca AE, Bodog FD. The Behavior of Two Types of Upper Removable Retainers—Our Clinical Experience. Children. 2020; 7(12):295, ISSN 2227-9067, <https://doi.org/10.3390/children7120295> **FI:2,078 autor correspondent (46,17 pct)**

10.Lazăr L, Loghin A, **Bud ES**, Cerghizan D, Horváth E, Nagy EE. Cyclooxygenase-2 and matrix metalloproteinase-9 expressions correlate with tissue inflammation degree in periodontal disease. Rom J Morphol Embryol. 2015; 56(4):1441-1446, ISSN 1220-0522, **FI:0,811 autor correspondent (27,165 pct)**

Articole publicate în reviste cotate ISI cu factor de impact, în calitate de coautor (după ultima promovare):

1.Olteanu C, Ganea I, Pop A, Lucaciu O, Tarmure V, Ionescu E, Teodorescu E, Chibeleian M, Bud E, Pacurar M. CBCT Evaluation of the Severity of Maxillary Impacted Canines Using the KPG Index. Rev Chim 2018 Jun;69(6):1458-1461. ISSN 0034-7752, <https://doi.org/10.37358/RC.18.6.6346> **FI:1,605 (3,907 pct)**

2.Bud A, **Bud E**, Esian D, Pop S, Bechir A, Pacurar M, Curt-Mola F, Tarmure V. Interrelation Between Salivary pH, Buffer Capacity and Dental Caries in Underweight, Normal Weight and Overweight Children. Rev Chim 2017 Jun;68(6):1255-1258. ISSN 0034-7752, <https://doi.org/10.37358/RC.17.6.5652> **FI:1,412 (4,5225 pct)**

3.Vlasa A, Biris C, Lazar L, Bud A, **Bud E**, Mitariu ISC, Pacurar M. In vitro Assessment of Calcium Hydroxide Removal from Endo Blocks by Simple Irrigation with NaOCl and the Passive Ultrasonic Irrigation Technique. Mater Plast 2017 Jan;54(1):122-124. ISSN 0025-5289, <https://doi.org/10.37358/MP.17.1.4799> **FI:1,248 (4,817 pct)**

4.Vlasa A, Biris C, Lazar L, Bud A, **Bud E**, Varlam CM, Maris M, Pacurar M. Scanning Electron Microscope Analysis of Titanium Alloy Orthodontic Implants. Mater Plast 2017 Apr; 54(2):345-347 ISSN 0025-5289, <https://doi.org/10.37358/MP.17.2.4848> **FI:1,248 (4,215)**

5.Lazar L, Bica CI, Martha K, Pacurar M, **Bud E**, Lazar AP, Lorinczi L. The Use of Polymerase Chain Reaction (PCR) for Identifying Periodontopathogenic Bacteria - therapeutic Implications in Periodontal Disease. Rev Chim 2017 Jan; 68(1):163-167. ISSN 0034-7752, <https://doi.org/10.37358/RC.17.1.5411> **FI:1,412 (5,168 pct)**

6.Vlasa A, Biris C, Pacurar M, Bud A, **Bud E**, Bukhari C, Imola B, Varlam CM, Maris M, Lazar L. The Effect of Enamel Matrix Derivate Proteins EMD on Ortodontically Induced Bone Resorption Based on Mini-implants. Rev. Chim. 2017 Jul;68(7):1457-1459. ISSN 0034-7752, <https://doi.org/10.37358/RC.17.7.5695> FI:1,412 **(3,618 pct)**

Articole publicate în reviste cotate ISI fără factor de impact în calitate de autor principal (după ultima promovare):

- 1.**Bud ES**, Bucur SI, Cocoş DI, Bucur SM, Bud A, Vlasa A. Challenges of using transbond plus in orthodontic treatment. RJOR 2021; 13(1): 147-152, ISSN 2066-7000 **(15 pct)**
- 2.Bucur SM, Bucur SI, Alecu A, Cocoş D, Bud A, Pacurar M, **Bud ES**. Possibilities of homeopathic treatment of recurrent oral aphthae. RJOR 2021; 13(1): 188-193, ISSN 2066-7000 **(15 pct)**
- 3.Eşian D, Bica C, Bud A, Stoica O, Bucur SM, Vlădărean A, Lazăr A, **Bud ES**. Evaluation of oral status in children infected with mycobacterium tuberculosis. RJOR 2021; 13(1): 280-287, ISSN 2066-7000 **(15 pct)**

Articole publicate în reviste indexate BDI în calitate de autor principal (după ultima promovare):

- 1.Vlasa A, Bukhari C , Bucur SM, Bud A , Lazăr L, Martha K , Condurache GG, MPăcurar, **Bud ES**. In-vitro study on structural changes in type I collagen as a result of exposure to oral cavity conditions. RJMDE 2021; 10(1): 58-65, ISSN 2393-1531 **(10 pct)**
- 2.**Bud ES**, Păcurar M, Vlasa A, K Martha, Chibeleian M, Țiņț, Bucur MS, Condurache GG, Bud A. Statistical imaging studies regarding skeletal changes in patients with open bite. RJMDE 2021; 10(1): 76-82, ISSN 2393-1531 **(10 pct)**
- 3.Eşian D, Bica C, Bud A, Stoica O, **Bud E**. Behavioural etiological factors that contribute to the occurrence of severe early childhood caries. AMT 2021; 26(1):70-74 DOI: 10.2478/amtsb-2021-0019 , ISSN 2285-7079 **(10 pct)**
- 4.**Bud E**, Vlasa A, Chibeleian M, Martha K, Păcurar M, Bud A, Esian D. Factors Associated with Pain Intensity in Patients Undergoing Orthodontic Treatment Based on Mini-Implants. J Interdiscip Med 2021; Epub ahead of print. DOI: 10.2478/jim-2021-0015 **(10 pct)**
- 5.**Bud E**, Păcurar M, Vlasa A, Bica C, Martha K, Eşian D, Bukhari C, Lazăr L, Bud A. Cone beam computed tomography study on the incidence of endodontic filling biomaterials resorption in

patients with/without orthodontic treatment. J. Interdiscip.Med. 2021; Epub ahead of print. DOI: 10.2478/jim-2021-0023 **(10 pct)**

6.Olteanu C, Tarmure V, Ordean L, **Bud E**, Chibeleian M, Pacurar M. Impacted canines: Clinical and therapeutical aspects. Ro J Stomatol 2020;66(1) DOI: 10.37897/RJS.2020.1.8, autor corespondent **(10 pct)**

7.Mártha K, Ogodescu A, Eşian D, Bica C, **Bud E**. Evaluation of dental erosion in a group of romanian children diagnosed with gastroesophageal reflux disease. J.Interdiscip Med 2017; 2(S1):17-20, DOI: 10.1515/jim-2017-0010 **(10 pct)**

8.Bud A, Chibeleian M, Pacurar M, Esian D, Muica (Nagy-Bota) M, **Bud E**. Correlation Between Bmi, Dental Caries And Salivary Buffer Capacity In A Sample Of Children From Mures County, Romania. ESJ 2015; 11(1) : 38-46.ISSN 1857-7881 **(10 pct)**

Articole publicate în reviste indexate BDI în calitate de coautor (după ultima promovare):

1.Păcurar M, **Bud E**, Pop S, Chibeleian M, Martha K. Orthodontic treatment of patients with obstructive sleep apnea syndrome (OSAS). ASMJ 2019; 2(1)168-176 ISSN 2601-6877 **(2 pct)**

2.Gansca OM, Pop S, Nenovici D, Chibeleian M, **Bud E**, Botoaca O, Tohati A, Teodorescu E, Păcurar M. Utilization of Digital Orthopantomography to Assess Mandibular Asymmetries. Rev. Chim. 2019 Dec;70(12):4488-4492, ISSN 0034-7752 <https://doi.org/10.37358/RC.19.12.7781> **(1,11 pct)**

3.Bud A, Vartolomei A C, **Bud E**, Zalana A, Pacurar M. Dentist's attitude towards their role in children and adolescent obesity control in the dental office. R J S.2018; 64(3):142-149,ISSN 1843-0805 **(2 pct)**

4.Vlasa A, Yero Eremie L, Lazar L, Bud A, Pacurar M, **Bud E**, Biris C. Correlation between orthodontic forces and root resorbtion-a systematic review of the literature. Journal of Interdisciplinary medicine 2016. 1(2):142-145, ISSN 2501-5974 **(1,428pct)**

5.Vlasa A, Biriş C, Lazăr L, Bud A, Păcurar M, **Bud E**, Yero Eremie L. Detection and Quantification of Periodontopathogenic Bacteria in Subgingival Plaque Samples on Patients Undergoing Orthodontic Treatment. Journal of Interdisciplinary Medicine.2016; 1(2):165-167, ISSN 2501-5974 **(1,428 pct)**

Articole publicate în extenso în reviste indexate BDI și B (înainte de ultima promovare):

1. Lazăr L, **Bud E**, Lazăr AP, Ciurbă A, Yero Eremie LM. Systemic antimicrobial therapy as an adjunct to scaling and root planing. Acta Medica Transilvanica 2015; 20(1):107-109, ISSN 1453-1968.
2. Bud A, Lazăr L, Păcurar M, Bică C, Chibeleian M, **Bud E**. Dental age assesment using Demirjan's Method – a radiographic study. ESJ 2014; 10 (36): 51-60, ISSN 1857-7881
3. Păcurar M, Jurca AM, Roman D, **Bud E**, Zetu I, Vata I. Nonextraction methods for creating space in orthodontic therapy. Stoma Edu J. 2014; 1(1):18-21. ISSN 2360-2406
4. Lazăr L, Ormenișan A, **Bud E**, Nagy Bota M, Biriș C. Morphological aspects of the gingival tissue in periodontal disease. Revista Română de Anatomie funcțională și clinică, macro- și microscopică și de Antropologie 2014; 13(4):477-482, ISSN 1583-4026.
5. Jurcă A, Lazăr L, Păcurar M, Bică C, Chibeleian M, **Bud E**. Dental age assesment using Demirjan's Method – a radiographic study. European Scientific Journal 2014; 10(36):51-60, ISSN: 1857-7881.
6. Bică C, Păcurar M, **Bud E**. Relations between cervical vertebra maturation and chronological age. Medicine in Evolution 2011; 17(3):240-244, ISSN 2065-376X.
7. **Bud E**, Popșor S, Jurcă A, Martha K, Păcurar M. Craniofacial morphology of patients with hypodontia. Revista Română de anatomie funcțională și clinică, macro- și microscopică și de Antropologie 2011; 10 (3):303-308, ISSN 1583-4026.
8. **Bud E**, Popșor S, Jurcă A, Cormoș Suciu B, Păcurar M. Statystical study on the prevalence of non-syndromic hypodontia in youts. Acta Medica Transilvanica 2011; 2(3):185-186. ISSN 1453-1968.
9. **Bud E**. Hypodontia: a preliminary epidemiologic study. Revista de Medicină și Farmacie UMF Tg-Mureș 2009; 55:507-508.
10. **Bud E**., Mariana Păcurar, Claudiu Horga. Particularitățile reabilitării orale complexe la tineri. Revista de Medicină și Farmacie UMF Tg-Mures 2008; 54: 173-175.

Rezumate publicate în rezumat in reviste și volumele unor manifestări științifice (după ultima promovare):

Rezumate in suplimente de reviste ISI care nu apar pe Web of Science (după ultima promovare):

1.Bud A, Eșian D, Bica C, Pop S, **Bud E**. Interdisciplinarity management of a young patient with hypodontia: an orthodontic-restorative-surgical approach. European Human Genetics Conference, Glasgow, iunie 2015. Eur J Human Genetics, 2015, 23(suppl 1):393, ISSN 1018-4813, IF 4,580 **(4 pct)**

Rezumate in reviste sau suplimente de reviste BDI, vol ale unor manifestări științifice cu ISSN/ISBN, în calitate de autor principal (după ultima promovare):

1.Streiche L, Panțuroiu DE , Voinea C, Preda I, **Bud E**. Enamel Evaluation After Debonding: An In Vitro Study. Metal Bracket Vs. Ceramic Bracket. Acta Med Transilvanica, Book of Abstracts 2019; 65(1):50, ISSN 2068-3024 **(2 pct)**

2.Ciubotariu AE, **Bud E**. The Psychosocial Impact of Dental Aesthetics and The Orthodontic. Acta Med Transilvanica, Book of Abstracts 2018; 61(1):70, ISSN 2068-3024 **(2 pct)**

3.Martha K, **Bud E**. In vitro microscopic evaluation of enamel preparation need prior to fixed orthodontic treatment. Zilele UMF, Sesiunea Științifică a Cadrelor Didactice, 11-15 Decembrie 2017, Acta Med Marisiensis 2017; 63(S4):17, ISSN 2068-3324 **(2 pct)**

4.Vlasa A, Bud A, **Bud E**. Detection and quantification of periodontopathogenic bacteria in subgingival plaque samples using pcr thermal cycling technique. International Congress for Students and Young Doctors "Asklepios" 2016 , Sibiu, 14-17 Aprilie 2016

Rezumate in reviste sau suplimente de reviste BDI, vol ale unor manifestări științifice cu ISSN/ISBN, în calitate de coautor (după ultima promovare):

1.Martha K, Bud E, Pop S. Study of the stability of orthodontic temporary anchorage devices. Zilele UMFST G.E.Palade, Sesiunea Științifică a Cadrelor Didactice, 11-14 Decembrie 2019, Book of abstracts, ISSN 2602-1609 **(0,666 pct)**

2.Lazăr L, Lazăr AP, **Bud E**, Molnar VC, Lorinczi L. The identification of periodontopathogenic bacteria using the polymerase chain reaction (pcr) – diagnostic implications in the periodontal disease. Acta Med Marisiensis 2015; 61(8):5, ISSN 2068-3324 **(0,4 pct)**

3.Vlasa A, Lazăr, Pop M, **Bud E**, Bud A. Comparative analysis of different types of rotary files. Acta Med Marisiensis 2015; 61(8):6, ISSN 2068-3324 **(0,4 pct)**

În reviste sau suplimente de reviste BDI, vol ale unor manifestări științifice cu ISSN/ISBN (înainte de ultima promovare):

1.Chibeleian M, Pacurar M, Sita D, **Bud E**, Jurcă A, Pribac V. Aesthetic and dental evaluation of orthodontic treatment need in a group of children and adults from Mures region. Al V-lea Congres al Asociatiei Romane de Straight Wire, Acta Med Marisiensis 2014; 60:40, ISSN 2068-3324.

2.Chibeleian M, Jurca A, **Bud E**, Pop S, Esian D, P. Orthodontic treatment need in a group of children and young adults from mures region. Acta Med Marisiensis 2014; 60(4):8-12, ISSN 2068-3324

3.Jurcă A, **Bud E.**, Bică C, Eșian D, Gyergyay R, Chibeleian M, Păcurar. Correlation between BMI, dental caries and salivary buffer capacity in a sample of children from Mures County, Romania. Acta Med Marisiensis 2014, 60(4):44, ISSN 2068-3324

4.Chibeleian M, Jurcă A, **Bud E**, Pop S, Eșian D, Păcurar. Orthodontic treatment need in a group of children and young adults from Mures region. Acta Med Marisiensis 2014, 60(4):65, ISSN 2068-3324

5.Drasoveanu A, Chibeleian M, **Bud E**, Jurca A. Effects of oral breathing on craniofacial morphology: A cephalometric study. 8th Interim Seminar & Workshop of the European Academy of Paediatric Dentistry. [Abstracts Book 2013, pg 35 http://www.eapd-cyprus2013.Programme_abstracts_2013_for_web.pdf](http://www.eapd-cyprus2013.Programme_abstracts_2013_for_web.pdf)

6.Esian D, Păcurar M, Bica C , Jurca A, **Bud E**. Determination of correlation between the salivary level of streptococcus mutans and lactobacillus and the degree of cariesativity in children from urban and rural communities Acta Med Marisiensis 2012; 58:23-24, ISSN 1221-2229

7.**Bud E**, Popsor S. The prevalence of hypodontia and orthodontics and prosthetics solving possibilities . Acta Med Marisiensis 2010; ISSN 1221-2229.

8.Păcurar M, Bică C, Roman D, **Bud E**. Rolul si implicatiile ATM in patologia anomaliilor dento-maxilare la copii si adolescenti . Al XV-lea Congres ANRO cu Participare Internațională, Sibiu, Mai 2010, Rev Dento-Medica 2010; (1):59, ISSN 1453-2476

9.Martha K, Suciu M, **Bud E**, Jurca A. Disfunctii temporomandibulare la pacienti cu diferite anomalii dentomaxilare - Revista de medicina si farmacie UMF Tg-Mures 2009; 55:23, ISSN 1221-2229

10.**Bud E**, Pacurar M, Martha K. Metode de investigatii radiologice la pacientii tineri edentati partial. Revista de Med și Farm UMF Tg-Mureș 2009; 55:191, ISSN 1221-2229

11.**Bud E**, Hompoth Z. Impactul psihologic asupra pacientilor edentati in zona frontala. Revista de medicina si farmacie UMF Tg-Mures 2008; 54:192, ISSN 1221-2229

12.Bud E, Pacurar M. Posibilități de tratament ortodontic și protetic la edentatul adult tânăr. Revista de Medicină și Farmacie UMF Tg-Mureș 2006; 52:191, ISSN 1221-2229

13.Pacurar M, **Bud E**. Posibilitati de evolutie a molarilor de minte inferiori la pacientii cu anomalii dento-maxilare. Revista de Medicina si Farmacie UMF Tg-Mures 2005; 51:356, ISSN 1221-2229

14.Păcurar M, **Bud E**. Rolul molarului de minte in anomaliile dento-maxilare cu inghesuire. Revista de Medicină și Farmacie Tg. Mureș 2005; 51(5):371, ISSN1221-2229