

Curriculum Vitae		
Personal information		
Surname(s) / First name(s)	Ioan-Adrian Petrache	
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E-mail	petrache.ioan@gmail.com ; ioan.petrache@umft.ro	
Nationality	Romanian	
Date of birth	21 st October 1983	
Gender	Male	
Desired employment / Occupational field	Staff Thoracic Surgeon Healthcare	
Work experience	<p>Thoracic Surgery Resident from January 2009 – October 2013 at Timisoara Municipal Hospital</p> <p>Thoracic Surgery Resident dispatched to Bucharest October 2013 – January 2014 at “Marius Nasta” National Pneumology Institute in Bucharest</p> <p>Thoracic Surgery Resident January 2014 – December 2014 at Timisoara Municipal Hospital</p> <p>Staff Thoracic Surgeon – Volunteer January 2015 – 6th February 2015 at Timisoara Municipal Hospital</p> <p>Staff Thoracic Surgeon – 6th February 2015 – 1st June 2015 at Timisoara Municipal Hospital</p> <p>Staff Thoracic Surgeon – Volunteer June 2015 – current time at Timisoara Municipal Hospital</p> <p>Staff Thoracic Surgeon – 1st February 2015 – 1st June 2015 at Timisoara Municipal Hospital.</p> <p>Staff Thoracic Surgeon – 2016 – 2021 at Timisoara Municipal Hospital</p> <p>Staff Thoracic Surgeon (primary) – 2021 – present. at Timisoara Municipal Hospital</p> <p>Assistant Professor at Surgical Semiotics I and Thoracic Surgery, Department IX – Surgery, University of Medicine and Pharmacy „Victor Babeș” Timișoara 2017 – present</p> <p>Scientific Secretary at the Romanian Society of Thoracic Surgery, 2018 - 2023</p>	
Occupation or position held	Staff Thoracic Surgeon Assistant Professor Surgical Semiotics University of Medicine and Pharmacy “Victor Babeș” Timisoara, Eftimie Murgu Square, Timisoara Romania	
Other Competences	Bronchial Endoscopy	
Name and address of employer	University of Medicine and Pharmacy “Victor Babeș” Timisoara, Eftimie Murgu Square, Timisoara Romania Clinical Municipal Hospital Timisoara, King Michael th 1 st Bvd., no 19 Timisoara Romania	

Type of business or sector	Clinical, didactic and research activity – Thoracic surgery
Education and training	
Dates	1998 – 2002 National College “I.C. Bratianu” Pitesti (High School) Mathematics – Physics 2002 – 2008 University Of Medicine and Pharmacy “Victor Babes” Timisoara 2009 – 2014 Thoracic Surgery Residency – Timisoara Municipal Hospital 2023 PhD “Post-Thoracotomy Pain Syndrome – alghorhytm of prevention, diagnosis and treatment” at University Of Medicine and Pharmacy “Victor Babes” Timisoara 2022 – Graduated from the Psycho-Pedagogical Training module – West University of Timisoara
Postgraduate Courses	Tuberculosis Control in a Family Doctor’s Practice – 4,5 th June 2010, Timisoara, Romania EACTS Thoracic Course Part I: Lung – April 2011 Bergamo, Italy EACTS Thoracic Course Part II: Chest Wall, Pleura and Mediastinum. Metastatic disease – October 2011 Bergamo, Italy ESTS 4 th Collaborative Symposium on General Thoracic Surgery – Postgraduate course 10 th June 2012, Essen, Germany SRCT 1994 Hands-on Mediastinoscopy Course – 3 rd October 2014, Timisoara, Romania SRCT 1994 Fundamentals of Minimally Invasive Thoracic Surgery Hands-on Course, 11 – 13 th February, Bucharest, Romania ESTS Postgraduate Symposium on General Thoracic Surgery, 31 th May – 3 rd June 2015, Lisbon, Portugal Bronchial Endoscopy – 5 th May 2015, Bucharest, Romania 8 th Experimental Workshop on VATS Major Lung Resection (uniportal VATS) – 4-5 th June 2015, A Coruna, Spain Innovative and interactive course in lung and thoracic ultrasonography, Cluj Napoca, Romania 2016 Primul Workshop de Chirurgie Toracică prin abord trans-cervical, iunie 2016, Timișoara, Romania ESTS Postgraduate Symposium on General Thoracic Surgery, 28 Mai 2015 Innsbruck, Austria ESTS Postgraduate Symposium on General Thoracic Surgery, 27 mai 2018, Ljubljana, Slovenia

Scientific activity

1. **Modern Thoracic Surgery Techniques in the Thoracic Surgery Clinic Timisoara** - Nicodin Al., Burlacu O., Cozma G., Voiculescu V., Miron I., Tunea C., Petrache I.A., Kerti C.A., Nicodin G.. The XVI Reunion of Surgeons from Banat County, Timisoara, Romania 2009
2. **The Surgical Treatment in Acute Mediastinitis** - V.Voiculescu, O.Burlacu, G.Cozma, C.Țunea, I.Miron, Gabriela Nicodin, I.Petrache, A.Nicodin. The National Congress of Thoracic Surgery, Cheile Gradistei-Brasov, Romania 2009
3. **Our experience in Sterncondroplasties Using Miniinvasive Surgical Techniques** - G.V Cozma, O. Burlacu, V. Voiculescu, C. Tunea, I. Miron, I.A. Petrache, G. Nicodin, Prof. A.C. Nicodin. The National Congress of Thoracic Surgery, Cheile Gradistei-Brasov, Romania 2009
4. **Bronchoscopy in the Thoracic Surgery Clinic Timisoara** - Voiculescu V., Petrache I., Burlacu O., Țunea C., Cozma G., Miron I., Nicodin G., Nicodin Al.. The National Congress of Bronchology Timisoara, Romania 2009
5. **Surgical Treatment of Acute Mediastinitis - 10 Years Experience** - V.T. Voiculescu, I. Petrache, C.Kerti, O.Burlacu, G.Cozma, C.Tunea, I.Miron, A.C. Nicodin. The 18th European Conference on General Thoracic Surgery, Valladolid, Spain, May 30th - June 2nd, 2010
6. **Is Tracheostomy Indicated in an Acute Episode of COPD?** - V. Voiculescu, G.Cozma, V.Tudorache, G.Nicodin, I.Petrache, D. Vancea, A. Nicodin. ERS congress Barcelona, Spain 2010
7. **Our Experience in Pectus Excavatum Repair Using Mini-invasive Surgery** - G.V. Cozma, O.N. Burlacu, V.Voiculescu, C.P.Tunea, I.Miron, I.A.Petrache, G.Nicodin, A.C. Nicodin. ERS congress Barcelona, Spain 2010
8. **Avantajele minitoracotomiei videoasistate în hemotoraxul posttraumatic** - G. Cozma, O. Burlacu, G. Nicodin, I. Petrache, T. Mateescu, G. Singh, Prof.Dr. Al. Nicodin. The National Congress of Thoracic Surgery Iasi, Romania 2010, Timmedica 2011, Timisoara
9. **Traumatismele toracelui – 10 ani de experiență în clinica de chirurgie toracică Timișoara** - Al. Nicodin, V. Voiculescu, O. Burlacu, G. Cozma, C. Tunea, I. Miron, I. Petrache, G. Nicodin. The National Congress of Thoracic Surgery Iasi, Romania 2010
10. **Tehnica Nuss – o solutie fezabila în pectusul excavatum recidivat** G. V. Cozma, O. N. Burlacu, I.Petrache, V. Voiculescu, G. Nicodin, A. C. Nicodin The National Congress of Thoracic Surgery Iasi, Romania 2010
11. **Rolul chirurgului toracic în managementul exacerbarilor acute ale bronhopneumopatiei cronice obstructive** - V. Voiculescu, G. Cozma, V. Tudorache, G. Nicodin, I. Petrache, D. Vancea, A. Nicodin. The National Congress of Thoracic Surgery Iasi, Romania 2010
12. **Pseudotumoral lung tuberculosis – A controvered clinical and imagistic entity** - O. Burlacu, V. Voiculescu, G. Cozma, I. Miron, C. Tunea, I. Petrache, D. Vancea, V. Tudorache, A. Nicodin. European Respiratory Society Congress - Amsterdam 2011
13. **Study of traumatic extrathoracic lesions associated with lung contusions** - V. Voiculescu, O. Burlacu, G. Cozma, C. Tunea, I. Miron, Al. Nicodin. European Respiratory Society Congress – Amsterdam 2011
14. **Management of Intrathoracic Esophageal Ruptures – a Single Center’s Experience** – C.P. Tunea, V.T. Voiculescu, O.N. Burlacu, G.V. Cozma, I. Miron, I.A. Petrache, M. Butas, A.C. Nicodin. 9th National Conference of Thoracic Surgery, Cheile Gradistei, Fundata, Romania 2011
15. **Classical Technique vs Nuss in the Treatment of Failed Surgery for Pectus Excavatum** – G.V. Cozma, I.A. Petrache, O.N. Burlacu, A.C. Nicodin 9th National Conference of Thoracic Surgery, Cheile Gradistei, Fundata, Romania 2011
16. **Our Experience in the Surgery of the Chest Wall Tumors** – A.C. Nicodin, I. Miron, O. Sirbu, G.V. Cozma, O.N. Burlacu, I.A. Petrache, A.C. Nicola, C. Mogoi. 9th National Conference of Thoracic Surgery, Cheile Gradistei, Fundata, Romania 2011
17. **Surgical Repair of the Liver Dome Echinococcosis Using the Transthoracic – Transdiaphragmatic Approach** – C.P. Tunea, O. Burlacu., G. Cozma, V. Voiculescu, I. Miron, I. Petrache, A. Nicodin. 20th European Conference of Thoracic Surgery Essen, Germany 2012
18. **Our Experience in the Surgery of the Chest Wall Tumors** – A. Nicodin, O. Burlacu, I. Petrache, V. Voiculescu. ERS Congress 2012
19. **Intrathoracic Foreign Bodies – 11 Year Statistics** – I. Miron, O. Burlacu, V. Voiculescu, G. Cozma, I. Petrache, A. Nicola. ERS Congress 2012

20. **One Port Thoracoscopic Surgery** – Cozma G., Burlacu O., Petrache I., Tunea C., Voiculescu V., Miron I., Butas M., Nicodin Al. 11th National Conference of Thoracic Surgery, Bucharest, Romania 2012
21. **Acute Necrotic Cervico-Mediastinitis with Bilateral Secondary Pleural Empiema and Septic Erosion of the Right Anterior Jugular Vein and Right Jugulo Subclavian Venous Confluent** – Miron I., Petrache I., Burlacu O., Nicodin Al. 11th National Conference of Thoracic Surgery, Bucharest, Romania 2012
22. **Surgical Repair of Liver Dome Echinococcosis – The Thoracic Surgeon's Way?** – Tunea C., Burlacu O., Cozma G., Voiculescu V., Miron I., Petrache I., Nicodin Al. 11th National Conference of Thoracic Surgery, Bucharest, Romania 2012
23. **Can the Thoracic Surgeon be a Good Bronchoscopist?** – Voiculescu V., Petrache I., Burlacu O., Tunea C., Cozma G., Miron I., Nicola A., Nicodin Al. 11th National Conference of Thoracic Surgery, Bucharest, Romania 2012
24. **Alternative Surgical Treatment for Tuberculous Cavern Grafted by Micosis** – O. Burlacu, C. Tunea, V. Voiculescu, G. Cozma, I. Petrache, A. Nicodin – ERS Conference Barcelona, Spain 2013
25. **Intrapleural Compresses – Last Resort fo Tumoral Bleeding After Biopsy** – Burlacu O., Cozma G., Petrache I., Georgescu I. – 11th National Thoracic Surgery Congress Cluj-Napoca, Romania 2013
26. **Early Thoracoscopy for TB Pleural Effusions, Premise to Avoid Late Complications** – Burlacu O., Cozma G., Petrache I., Tunea C., Voiculescu V., Miron I., Butas M., Nicodin Al. 11th National Thoracic Surgery Congress Cluj-Napoca, Romania 2013
27. **Bronchoscopy After Lung Resections** – Voiculescu V., Petrache I., Tunea C., Cozma G., Miron I., Nicola A., Nicodin Al. 11th National Thoracic Surgery Congress Cluj-Napoca, Romania 2013
28. **Nuss Operation – Technical Difficulties and Complications** – Cozma G., Burlacu O., Petrache I., Voiculescu V., Tunea C., Miron I., Nicola A., Nicodin Al. 11th National Thoracic Surgery Congress Cluj-Napoca, Romania 2013
29. **Unpredictable Evolution After Chest Stabbing** – Cozma G., Tunea C., Mogoi C., Petrache I. 11th National Thoracic Surgery Congress Cluj-Napoca, Romania 2013
30. **Chest Wall Tumor – Dual Thoracoscopic and Open Approach** – Cozma G., Petrache I., Nicola A., Burlacu O. ERS Conference Amsterdam 2014
31. **Is Sternotomy Really Necessary to Perform Thiroidectomy for Giant Benign Intrathoracic Goiters?** – C.P. Tunea, O. Burlacu, I. Petrache, G. Cozma, A. Dobrescu, D. Gogu, L. Fulger. WSCTS Conference Geneva, Switzerland 2014
32. **Early Thoracoscopy, Better Long Term Prognosis for TB Pleural Effusions** – G. Cozma, C. Tunea, I. Petrache, V. Voiculescu, I. Miron, A. Nicola, O Burlacu. WSCTS Conference Geneva, Switzerland 2014
33. **Mixed Thoracic and Cervical Approach to Prevent Hemoragic Complications for Giant Intrathoracic Goiters** – I. Petrache, Tunea C., Cozma G., Voiculescu V., Nicola A., Nicodin Al., Burlacu O. 12th National Conference of Thoracic Surgery, Timisoara, Romania 2014
34. **Double Thoracoscopic and Open approach for the Resection of Chest Wall Tumor** – I. Petrache, Cozma G., Voiculescu V., Miron I., Nicola A., Burlacu O. 12th National Conference of Thoracic Surgery, Timisoara, Romania 2014
35. **The Surgical Treatment of Giant Intrathoracic Benign Tumors – Much Ado for Nothing** – I. Petrache, Tunea C., Cozma G., Voiculescu V., Miron I., Mogoi C., Nicodin Al., Burlacu O. 12th National Conference of Thoracic Surgery, Timisoara, Romania 2014
36. **Free Contralateral Musculo-Cutaneous Flap, A Solution for the Treatment of Pospneumonectomy Cavity** - Burlacu O., Cozma G., Petrache I., Ionac M., Tunea C.. 12th National Conference of Thoracic Surgery, Timisoara, Romania 2014
37. **The Role of Bronchoscopy for the Treatment of Thoracic Surgery Complications** – Voiculescu V., Petrache I., Tunea C., Cozma G., Nicola A., Miron I., Mogoi C., Nicodin Al. 12th National Conference of Thoracic Surgery, Timisoara, Romania 2014
38. **Rolul Bronhoscopiei in tratamentul complicatiilor din chirurgia toracica** – Voiculescu V., Petrache I., Tunea C., Cozma G., Nicola A., Miron I., Mogoi C., Nicodin A. Conferinta Nationala de Chirurgie Toracica, Timisoara, Romania 2014
39. **A Low Cost Method for Chest Wall Reconstruction After Resections for Tumors** – I. Petrache, G.V. Cozma, C. Tunea, V. Voiculescu, I. Miron, A. Nicola, Al. Nicodin, O. Burlacu. ESTS Congress Of Thoracic Surgery Lisabona, Portugalia Iunie 2015.
40. **Rupturile traheale iatrogene, un studio retrospective** – I. Petrache, G.V. Cozma, C. Tunea, V. Voiculescu, I. Miron, A. Nicodin, A. Nicola, O. Burlacu. Conferința Națională de Chirurgie Toracică, Iași, Romania, 2015

41. **Evoluția tehnicilor minim invazive – 14 ani de experiență** - I. Petrache, G. Cozma, V. Voiculescu., I. Miron, C. Țuneș, A. Nicola, D. Brihac, D. Biriș, O. Burlacu. Conferința Națională de Chirurgie Toracică, Iași, Romania, 2015
42. **Aspecte curioase ale chirurgiei toracice** – I. Petrache, G. Cozma, V. Voiculescu, I. Miron, C. Țuneș, A. Nicodin, O. Burlacu. Conferința Națională de Chirurgie Toracică, Iași, Romania, 2015
43. **Puncția transtoracică ghidată CT – alternativă minim invazivă în diagnosticul și stadializarea neoplasmului bronho-pulmonar** – O. Burlacu, G. Cozma, Țuneș C., Voiculescu V., Miron I., I. Petrache. Conferința Națională de Chirurgie Toracică, Craiova, Romania, 2016
44. **Strategii noi în abordul multidisciplinar al neoplasmului bronho-pulmonar** – C. Oancea, C. Suci, V. Tudorache, I. Petrache, O. Burlacu. Conferința Națională de Chirurgie Toracică, Craiova, Romania, 2016
45. **Sindromul algic post-toracotomie – o entitate misterioasă în evoluția postoperatorie a pacienților chirurgicali toracici** – I. Petrache, G. Cozma, V. Voiculescu, C. Țuneș, I. Miron, M. Butaș, O. Burlacu Conferința Națională de Chirurgie Toracică, Craiova, Romania, 2016
46. **Metode inedite în corpii străini endobronșici** – Voiculescu V., Petrache I., Cozma G., Țuneș C., Miron I., Laitin B., Georgescu I., Burlacu O. Conferința Națională de Chirurgie Toracică, Galați, Romania, 2017
47. **Plăgoile cardiace și rolul chirurgului toracic în managementul acestora** – Țuneș C., Voiculescu V., Petrache I., Miron I., Cozma G., Hasan E., Biriș D., Burlacu O. Conferința Națională de Chirurgie Toracică, Galați, Romania, 2017
48. **Roulșul toracoscopiei în stadializarea cancerului bronho-pulmonar** – Petrache I., Cozma G., Țuneș C., Voiculescu V., Miron I., Brihac D., Găborean V., Burlacu O. Conferința Națională de Chirurgie Toracică, Galați, Romania, 2017
49. **Dissemination pathway of odontogenic DNM influences survival and aggressiveness of surgical approach** - I. Petrache, V. Voiculescu, C. Țuneș, G. Cozma, I. Miron, Butas M., O. Burlacu - ESTS annual meeting, Innsbruck, Austria 2017
50. **Odontogenic mediastinitis, grim complication of oral infections, a single center experience** – Țuneș C., Petrache I., Cozma G., Miron I., Voiculescu V., Găborean V., Laitin B., Burlacu O. 27th Congress of the World Society of Thoracic Surgeons. Astana 2017.
51. **Cervical rib, a pain in the neck both for the patient and the surgeon** - I. Petrache, G. Cozma, V. Voiculescu, C. Țuneș, I. Miron, Butas M., O. Burlacu Conferința Națională de Chirurgie Toracică, București, Romania, 2018
52. **Bullous disease followed by massive spontaneous secondary pneumothorax on a pneumonectomy patient – case presentation** – I. Petrache, I. Miron, E. Hasan, M. Butas, O. Burlacu Conferința Națională de Chirurgie Toracică, București, Romania, 2018
53. **Cervico-mediastinita văzută de jos** – I. Petrache, C. Țuneș, G. Cozma, V. Voiculescu, I. Miron, M. Butas, S. Mayer, O. Burlacu – Conferința „Supurațiile mediastinale, o luptă cu șanse mici de reușită”, Spitalul Universitar Bucești, 2018
54. **Lambourile musculare – o alternativă la decorticare sau rezecție pulmonară în tratamentul spațiului rezidual la pacienții țarați** – I. Petrache, S. Matei, G. Cozma, C. Țuneș, V. Voiculescu, I. Miron, O. Burlacu - Al XIII-lea Congres al asociației Chirurgilor Nicolae Anestiadi” și al III-lea Congres al Societății de Endoscopie, Chirurgie miniminvasivă și Ultrasonografie V. M. Guțu” din Republica Moldova (cu participare internațională) 2019.
55. **Managementul sindromului dureros post-toracotomie** – S. Matei, I. Petrache, S. Rațiu, O. Burlacu, S. Olariu - Al XIII-lea Congres al asociației Chirurgilor Nicolae Anestiadi” și al III-lea Congres al Societății de Endoscopie, Chirurgie miniminvasivă și Ultrasonografie V. M. Guțu” din Republica Moldova (cu participare internațională) 2019.
56. **Tratamentul complex al fistulei bronho-pleurale** – I. Petrache, C. Păleru, G. Cozma, C. Țuneș, E. Hasan, A. Has, O. Burlacu - Conferința Națională de Chirurgie Toracică, Timișoara, Romania, 2019
57. **Parietorafia extracostală – metodă simplă și eficientă pentru scăderea intensității durerii acute post-toracotomie (rezultate parțiale)** - I. Petrache, G. Cozma, C. Țuneș, V. Voiculescu, I. Miron, D. Brihac, V. Găborean, O. Burlacu - Conferința Națională de Chirurgie Toracică, Timișoara, Romania, 2019
58. **A rare case of right-sided diaphragmatic rupture with intrathoracic migration of the kidney** – T. Cojocar, I. Petrache, L. Daminescu, A. Gazea, A. Schiller Conferința Națională de Chirurgie Toracică, Timișoara, Romania, 2019
59. **Impactul pandemiei de sars-cov-2 asupra activității chirurgicale toracice într-un singur centru** Brihac Dragos Mihai, Ioan Petrache, Gabriel Cozma, Iris Miron, Vasile Găborean, Adina Mirza, Elisei Moise Hasan, Ramona Zgirdea, Ovidiu Burlacu, Conferința Națională de Chirurgie Toracică, București, Romania, 2021

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60. **Aspecte fizio-patologice și anatomo-patologice în sindromul dureros post toracotomie** - *Ioan-Adrian Petrache, Gabriel Cozma, Iris Miron, Vasile Gaborean, Elisei Hasan Moise, Ramona Zgirdea, Flavia Baderca, Ovidiu Burlacu*, Conferința Națională de Chirurgie Toracică, Bucuresti, Romania, 2021
61. **Probleme de management medico-chirurgical in artritele septice sterno-claviculare** *I.A. Petrache, V. Gaborean, I. Miron, D. M. Brihac, E.F. Memu, R. Zgirdea, G.V. Cozma*, Conferința Națională de Chirurgie Toracică, București, Romania, 2022
62. **Tumora giganta fibroasa pleurala – prezentare de caz** *I.A. Petrache, V. Gaborean, G.V. Cozma*, Conferința Națională de Chirurgie Toracică, București, Romania, 2022
63. **Probleme chirurgicale toracice in sindroamele post COVID** *G.V. Cozma, D.M. Brihac, M. Butas, I. Miron, V. Gaborean, R. Zgirdea, E.F. Memu, I.A. Petrache*, Conferința Națională de Chirurgie Toracică, București, Romania, 2022
64. **Lobectomie inferioara stanga si decorticare la un pacient PET pozitiv – prezentare de caz** *E.F. Memu, V. Gaborean, I.A. Petrache, G.V. Cozma*, Conferința Națională de Chirurgie Toracică, București, Romania, 2022
65. **Drumul "la luptă" cu neoplasmul bronho-pulmnar al pacientului în Banat**, *Ioan Petrache*, Conferința regională de cancer bronho-pulmonar, 2022
66. **Trei cazuri consecutive de necroză traheală în cervico-mediastinita acută descendentă operată – cauze posibile și probleme de management anestezico-chirurgical**, *Ioan Petrache, D. Brihac, V. Găborean, I. Miron, E. Memu, R. Zgirdea, M. Butaş, G. Cozma*, Conferința Națională de Chirurgie Toracică, Poiana Braşov, Romania, 2023
67. **Impactul psihologic al intervențiilor chirurgicale toracice asupra pacienților**, *Elisei Hasan, I. Petrache, I. Miron, D. Brihac, I. Găborean, R. Zgirdea, E. Memu, G. Cozma*, Conferința Națională de Chirurgie Toracică, Poiana Braşov, Romania, 2023
68. **Mic îndreptar pentru tânărul cercetător în realizarea unui studiu doctoral**, *Ioan Petrache, V. Găborean, G. Cozma* Conferința Națională de Chirurgie Toracică, Poiana Braşov, Romania, 2023
69. **Experiența noastră în chirurgia tumorilor gigante intrapleurale**, *Ioan Petrache, V. Găborean, D. Brihac, I. Miron, E. Memu, R. Zgirdea, G. Cozma*, Conferința Națională de Chirurgie Toracică, Poiana Braşov, Romania, 2023
70. **Tumoră mediastinală mio-fibroblastică inflamatorie – prezentare de caz**, *Gabriel Cozma, V. Găborean, M. Butaş, F. Baderca, I. Petrache*, Conferința Națională de Chirurgie Toracică, Poiana Braşov, Romania, 2023
71. **Histiocitoza cu celule Langerhans la nivel costal- prezentare de caz**, *Vasile Găborean, F. Baderca, I. Petrache, G. Cozma*, Conferința Națională de Chirurgie Toracică, Poiana Braşov, Romania, 2023
72. **Aspecte particulare în hidatidoza mediastino-pulmonară diseminată, recidivată**, *Ioan Petrache, V. Găborean, I. Miron, D. Brihac, E. Memu, R. Zgirdea, G. Cozma*, Conferința Națională de Chirurgie Toracică, Poiana Braşov, Romania, 2023
73. **Tratamentul chirurgical al cancerului bronho-pulmonar incipient**, *Ioan Petrache*, Conferința „Zilele Oncohelp”, Alba Iulia, Romania 2023
74. **Abordarea problemei cancerului bronho-pulmonar în clinica de chirurgie toracică din Timișoara**, *Ioan Petrache*, Conferința regională de Cancer Pulmonar, 2023
75. **Probleme de management al pacientului cu neoplasm bronho-pulmonar** *IA Petrache, E Memu, V Gaborean, D Brihac, I Miron, R Zgirdea, L Feher, G Cozma*, Conferința Națională de Chirurgie Toracică, Iași, Romania, 2024
76. **Tratamentul chirurgical in stadiile incipiente ale neoplasmului bronho-pulmonar** *IA Petrache, E Memu, V Gaborean, D Brihac, I Miron, R Zgirdea, L Feher, G Cozma* Conferința Națională de Chirurgie Toracică, Iași, Romania, 2024
77. **Experienta Clinicii de Chirurgie Toracica Timisoara in lobectomiile toracoscopice** *Eustațiu Memu, Vasile Găborean, Ioan Petrache, Dragoș Brihac, Iris Miron, Ramona Zgirdea, Laszlo Feher, Mădălina Butaş, Gabriel Cozma*. Conferința Națională de Chirurgie Toracică, Iași, Romania, 2024
78. **Sistemele Port a Cath - un nou instrument valoros in lupta cu patologiile neoplazice** *IA Petrache, V Gaborean, D Brihac, E Memu, R Zgirdea, I Miron, M Butaş, G Cozma* Conferința Națională de Chirurgie Toracică, Iași, Romania, 2024
79. **Aplicații ale terapiei cu vacuum la pacienții critici în chirurgia toracică** *IA Petrache, V Găborean, DM Brihac, EF Memu, I Miron, M Butaş, AI Blidișel, GV Cozma* Conferința Națională de Chirurgie Toracică, București, Romania, 2025
80. **Decizii dificile pentru medici și pacient în tratamentul cancerului pulmonar** *EF Memu, L Feher, V Găborean, IA Petrache, DM Brihac, I Miron, M Butas, I Sida, R Vasiliu-Calogherato, GV Cozma* Conferința Națională de Chirurgie Toracică, București, Romania, 2025
81. **Pleurezia – o patologie simpla cu ecou complex** *V Gaborean, GV Cozma, IA Petrache, EF Memu, I Miron, DM Brihac*

	<p>82. Hernia diafragmatică Morgagni-Larrey. Considerații anatomo-clinice și prezentare de caz de hernie Larrey L Feher, EF Memu, IA Petrache, V Gaborean, M Neagoe, R Zgirdea, DM Brihac, GV Cozma Conferința Națională de Chirurgie Toracică, București, Romania, 2025</p> <p>83.</p>
Articles	<ol style="list-style-type: none"> 1. An Original Stereotactic Device for Trans-Thoracic CT-guided Biopsy. An Experimental Study. – O. Burlacu, A. Nicodin, T. Jurma, F. Ioanovici, I. Petrache, O. Cretu, D. Iliescu, C. Budisan – Timisoara Medical Journal – received for publication sept. 06.2011, Revised Nov. 14.2011 – TMJ2011, vol. 61, no. 3-4 pg.141-146 2. Rib fractures, a public health issue-a multireginal retrospective study. I Dragan, IA Petrache, VC Pavaloiu, P Giuliano, I Mindrila, AD Demetrian, ... Journal of Surgery [Jurnalul de chirurgie] 17 (1) 3. New Thoracotomy Closure, a Simple Way to Decrease Chronic Post-Operative Pain in Selected Patients-Blinded Prospective Study. Petrache IA, Oancea C, Hasan EM, Neagoe OC, Tudorache E, Ionica M, Burlacu ON. J Pers Med. 2021 Oct 6;11(10):1007. doi: 10.3390/jpm11101007. PMID: 34683147; PMCID: PMC8538661. 4. Marza, A. M., Petrica, A., Lungeanu, D., Sutoi, D., Mocanu, A., Petrache, I., & Mederle, O. A. (2022). Risk Factors, Characteristics, and Outcome in Non-Ventilated Patients with Spontaneous Pneumothorax or Pneumomediastinum Associated with SARS-CoV-2 Infection. <i>International Journal of General Medicine</i>, 15, 489. 5. Hasan EM, Calma CL, Tudor A, Oancea C, Tudorache V, Petrache IA, Tudorache E, Papava I. Coping, Anxiety, and Pain Intensity in Patients Requiring Thoracic Surgery. <i>Journal of Personalized Medicine</i>. 2021; 11(11):1221. https://doi.org/10.3390/jpm11111221 6. Gabriel V Cozma, Darian Onchis, Codruta Istin, Ioan Adrian Petrache Explainable Machine Learning Solution for Observing Optimal Surgery Timings in Thoracic Cancer Diagnosis. <i>Applied sciences</i>. 2022; 12 (13):6506 https://doi.org/10.3390/app12136506 7. Ioan-Adrian Petrache, Abhinav Sharma, Abhijit Kumar, Flavia Baderca, Octavian Constantin Neagoe, Emanuela Tudorache, Cristian Oancea, Manuela Emilia Jifcu, Mihaela Ionica, Nilima Rajpal Kundnani, Cozma Gabriel, Ovidiu Burlacu Nerve changes associated with post thoracotomy pain syndrome <i>Histology and Histopathology</i> 2022; 37: 999 – 1006 https://doi.org/10.14670/HH-18-515 8. Părau, A.F.; Manzur, A.R.; Mihaicuta, S.; Petrache, I.A. The Controversy of Using Insufficient Great Saphenous Veins in Coronary Artery Bypass Grafting: A Comparative Morphological Analysis of Healthy and Insufficient Veins Related to the Possibility of Using Them as a Graft. <i>Biomedicines</i> 2024, 12, 476. https://doi.org/10.3390/biomedicines12030476 9. CVI Feier, C Muntean, AM Faur, V Gaborean, IA Petrache, GV Cozma Exploring Inflammatory Parameters in Lung Cancer Patients: A Retrospective Analysis <i>Journal of Personalized Medicine</i> 14 (6), 552 https://doi.org/10.3390/jpm14060552 10. GV Cozma, C Muntean, AM Faur, V Gaborean, IA Petrache, CVI Feier Unveiling the Effects of the COVID-19 Pandemic on Lung Cancer Surgery <i>Medicina</i> 60 (6), 964 https://doi.org/10.3390/medicina60060964 11. Krisztina Munteanu, Ovidiu Ghirlea, Daniel Breban-Schwarzkopf, Alexandra-Ioana Dănilă, Roxana-Georgeta Iacob, Ioan Adrian Petrache, Gabriel Veniamin Cozma, Anca Bordianu, Sorin Lucian Bolintineanu The Great Saphenous Vein Proximal Part: Branches, Anatomical Variations, and Their Implications for Clinical Practice and Venous Reflux Surgery <i>Journal of Cardiovascular Development and Disease</i>, 2024 https://doi.org/10.3390/jcdd11080242 12.
Memberships	<p>Colegiul Medicilor Romania (CMR) Societatea Romana de Chirurgie Toracica 1994 (SRCT 1994) Asociatia Romana de Chirurgie Endoscopica (ARCE) European Respiratory Society (ERS) European Society of Thoracic Surgeons (ESTS) Cardiothoracic Surgeons Network (CTSNet)</p>
Mother tongue(s)	Romanian
Other language(s)	English, French, German

Self-assessment	Understanding				Speaking				Writing	
		Listening		Reading		Spoken interaction		Spoken production		
Language	1	Excellent		Excellent		Excellent		Excellent		Excellent
Language	2	Excellent		Excellent		Very Good		Very Good		Very Good
Language	3	Beginner		Good		Beginner		Beginner		Beginner
Social skills and competences	Very social, very easy to make new friends, very easy to integrate in new groups, dependable.									
Organizational skills and competences	I like organized work, I like to finish the job intended for me, finish every task, very pretentious regarding a job well done, I like to plan and fulfill the plans I make									
Scientific Meetings attendance	<ol style="list-style-type: none"> 1. Congresul National de Chirurgie Toracica , Gheile Gradistei, Brasov, Romania 2009 2. A XVI-a Reuniune a Chirurgilor Banateni, Timisoara, Romania 2009 3. A VIII-a Conferinta Nationala de Chirurgie Toracica cu participare internationala Iasi, Romania 2010 4. A IX-a Conferinta Nationala de Chirurgie Toracica cu participare internationala, Cheile Gradistei, Fundata, Romania 2011 5. 20th European Conference on General Thoracic Surgery Essen, Germania, 2012 6. Conferinta Sectiunii de Tuberculoza editia I, Timisoara, Romania, 2012 7. A X-a Conferinta Nationala de Chirurgie Toracica cu participare internationala, Bucuresti, Romania 2012 8. Prima Conferinta Nationala de Cancer Pulmonar, Bucuresti, Romania 2013 9. European Respiratory Society Annual Meeting, Barcelona, Spania 2013 10. A XI-a Conferinta Anuala a Societatii de Chirurgie Toracica 1994 cu participare internationala, Cluj-Napoca, Romania 2013 11. Conferinta Nationala de Tabacologie – Pitesti, Romania 2013 12. Conferinta Nationala a Asociatiei Romane de Chirurgie Endoscopica, Bucuresti, Romania 2013 13. A XII-a Conferinta Nationala de Chirurgie Toracica cu participare internationala, Timisoara, Romania, 2014 14. 23rd European Conference on General Thoracic Surgery, Lisabona, Portugalia, 2015 15. Conferința Națională de Chirurgie Toracică, Iasi, Romania, 2015 16. Conferința Națională de Chirurgie Toracică, Craiova, Romania, 2016 17. Conferința Națională de Chirurgie Toracică, Galați, Romania, 2017 18. 25th ESTS Annual Meeting, Innsbruck, 28 – 31 Mai, 2017 19. Conferința Națională de Chirurgie Toracică, București, Romania, 2018 20. 26th ESTS Annual Meeting, Ljubljana, 27 – 30 Mai, 2018 21. Conferința Națională de Chirurgie Toracică, Timișoara, Romania, 2019 22. Online meeting – ESTS Annual Meeting 2020 23. Online meeting – ESTS Annual Meeting 2021 24. Conferința Națională de Chirurgie Toracică, Bucuresti, Romania, 2021 25. Conferința regională de Cancer Pulmonar, Craiova, 2022 26. Conferința „Imunoterapia Cancerului”, Timișoara, 2023 27. Conferința regională de Cancer Pulmonar, Craiova, 2023 28. Conferința Națională de Chirurgie Toracică, Poiana Brașov, Romania, 2023 29. Conferința „Zilele Oncohelp”, Alba Iulia, Romania, 2023 30. Conferința Națională de Chirurgie Toracică, Iași, Romania, 2024 31. Conferința ”Imunoterapia cancerului”, Timișoara, Romania, 2025 32. Conferința Națională de Chirurgie Toracică, București, Romania, 2025 33. Cursul internațional ”Ghiduri și protocoale în anestezie, terapie intensivă și medicina de urgență”, Timișoara, Romania 2025 34. 									

Computer skills and competences	<p>Very good computer knowledge: I know how to install/use Microsoft Windows 9x/NT/2k/XP/Vista/7; I know how to install/use Linux Based Operating Systems such as Ubuntu, Debian, Fedora Core.</p> <p>I know how to use Office products MS Word/Excel/Power Point, Open Office.org/LibreOffice</p> <p>I know to use the computer for graphics (e.g. posters)</p> <p>Quite passionate on imagistic techniques(DICOM format): Thoracic CT/MRI, Reconstructions, 3d Models, Virtual Bronchoscopy</p>
Artistic skills and competences	<p>I play acoustic&electric guitar.</p> <p>I am a guitarist in a band called Akusti-K Timisoara</p> <p>I like photography.</p> <p>I sometimes write poems/essays.</p>
Hobbies	<p>Rock music</p> <p>Movies & Cartoons</p> <p>Travelling</p> <p>Reading</p> <p>Sports (Football, Formula 1, MotoGP, Tennis)</p>
Driving licence	Driver license B category - Romania
Additional information	<p>Contact Person:</p> <p>Dr. Gabriel Veniamin Cozma, sef sectie clinica Chirurgie Toracica, SCUMT, Gheorghe Dima Street no. 5, Timisoara Romania drgabrielcozma@gmail.com</p>
Annexes	Caselist.xls - Operative Log Ctsnet.org