

PERSONAL INFORMATION **Mihai Alexandru Sandesc**✉ msandesc19@gmail.comData naşterii **19/12/1987** | Naţionalitatea română

PROFESSIONAL EXPERIENCE

2008–2012

1. Practice the Emergency Service **Timisoara** County Emergency Clinical Hospital
2. Practice the Surgery Service of the Clinical Emergency County Hospital Timisoara
3. Practice Bega Obstetrics and Gynecology Clinic Timisoara
4. Practice the Department of Orthopedics and Traumatology Clinical Emergency County Hospital Timisoara

01/01/2014–31/12/2018

Resident physician of orthopedics and traumatology at the II Clinic Orthopedics and Traumatology, "Pius Brînzeu" Emergency County Clinical Hospital Timisoara

2019-2024

Orthopedics and traumatology specialist at II Clinic Orthopedics and Traumatology, "Pius Brînzeu" Emergency County Clinical Hospital Timisoara

14/01/2019–2024

Orthopedics and traumatology specialist at the Dr Sandesc Medical Center

2025-present

Orthopedics and traumatology primary doctor at the Dr Sandesc Medical Center and II Clinic Orthopedics and Traumatology, "Pius Brînzeu" Emergency County Clinical Hospital Timisoara

2025- present

Lecturer at II Orthopedics and Traumatology Discipline, Department XV, "Victor Babeş" University of Medicine and Pharmacy, Timisoara, Romania

14/09/2018–2025

Assistant Professor II Orthopedics and Traumatology Discipline, Department XV, "Victor Babeş" University of Medicine and Pharmacy, Timisoara, Romania

20/11/2019

PhD in Medicine with the Thesis " INFLUENCE OF INCREASED DOSES OF ANTIOXIDANTS ON CLINICAL PROGNOSIS IN PATIENTS WITH MULTIPLE TRAUMA"

2013- present
EDUCATION AND FORM

CEO and Administrator at Centrul Medical Dr Sandesc SRL

1995–2003

General School with grades I–VIII, No.22, Timisoara, Romania

2003–2007

"Grigore Moisil" High School, Timişoara

2007

Baccalaureate

2007–2013

"Victor Babeş" University of Medicine and Pharmacy, Timisoara, Romania

2013

Graduate of the Victor Babeş University of Medicine and Pharmacy, Timisoara, Romania

Curriculum vitae

- Average for the first year (2007-2008): *9.64/10*
- Average for the second year (2008-2009): *9.50/10*
- Third year average (2009-2010): *9.72/10*
- Average for year IV (2010-2011): *9.84/10*

- Average for year V (2011-2012): 9.90/10
- Average score for the sixth year (2012-2013): 9.85/10 *Final average for the promotion of studies: 9.74*

Overall grade following the graduation exam: 10/10

11/2007

PRIME COURSE "Whole person Medicine", Timișoara, România

14/10/2010–15/10/2010

Eco-guided Regional Anesthesia Course, Timisoara, Romania

14/10/2010–16/10/2010

National Course of Guidelines and Protocols in Anesthesia, Intensive Care and Emergency Medicine, eighth edition, Timisoara, Romania

25/11/2010

Workshop "Multidisciplinary approach to care of allergic respiratory disorders", Timișoara, România

08/12/2010

Workshop "Angiogenesis and Limfangiogenesis: targets for cancer therapy", Timișoara, România

03/05/2011–08/05/2011

National Course of Guidelines and Protocols in Anesthesia, Intensive Care and Emergency Medicine, eighth edition, Timisoara, Romania

14/05/2011

"Doctor for a day" – Margina commune, jud. Timiș, Romania

14/05/2011

World Anti-Tuberculosis Day, Margina commune, jud. Timiș, Romania

12/2012

Course – First aid elements, Timisoara, Romania

July 2013 Diploma thesis: Management of complications in mammary augmentation surgery

24/09/2014–26/09/2014

National Conference of Orthopedics SOROT 2014, Constanta, 24-26 September 2014

31/03/2016–01/04/2016

SRATS Congress 2016, Bucharest, 31 march-1 april 2016

21/10/2015–23/10/2015

National Conference of Orthopedics SOROT 2014, Constanta, 24-26 September 2014

28/09/2016–30/09/2016

National Conference of Orthopedics SOROT 2016, Baile Felix, 28-30 September 2016

November-December 2016 Fellowship at Casa di Cura Abano Terme, Italy-Knee surgery Department

10/2017

The XVII-th National Congress of Orthopedics and Traumatology SOROT, Timisoara, 2017

03/10/2018

NATIONAL CONFERENCE ON ORTHOPEDICS AND TRAUMATOLOGY, SIBIU, 2018

PERSONAL COMPETENCE

Mother language(s)

română

Foreign languages

	ÎNȚELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
English	C1	C1	C1	C1	C1
French	A2	A2	A2	A2	A2

Niveluri: A1 și A2: Utilizator elementar - B1 și B2: Utilizator independent - C1 și C2: Utilizator experimentat
 Cadrul european comun de referință pentru limbi străine - Grila de auto-evaluare

Competențe organizaționale/manageriale

Good managerial skills acquired as a result of the establishment and management of Dr Sandesc Medical Center

Digital skills

Operation in The system Word, Excel, Office as well as using the Internet.
 Certificate of professional skills (computer operation) obtained in May 2007.

Driver's license

B

ADDITIONAL INFORMATION

Publications

Toma, I (Toma, Iulia) [1], [2] ; Dinu, A (Dinu, Anca) [2], [3], [4] ; Abu-Awwad, A (Abu-Awwad, Ahmed) [4], [5], [6] ; Sandesc, MA (Sandesc, Mihai-Alexandru) [4], [5], [6] ; Abu-Awwad, SA (Abu-Awwad, Simona-Alina) [4], [7] ; Nitu, R (Nitu, Razvan) [4], [7] ; Ponean, M (Ponean, Mihai) [1] ; Barbato, C (Barbato, Christian) **Patterned Sensory Enhancement: a Music Rehabilitation Therapy for Elderly Patients with Neuromotor Deficit during the COVID-19 Pandemic: A Pilot Study** Volume12Issue1 DOI10.3390/diseases12010011, JAN 2024

Anglitoiu, B (Anglitoiu, Bogdan) [1], [2], [3]; Abu-Awwad, A (Abu-Awwad, Ahmed) [1], [2], [3]; Patrascu, JM Jr (Patrascu Jr, Jenel-Marain) [1], [2], [3]; Abu-Awwad, SA (Abu-Awwad, Simona-Alina) [2], [4]; Dinu, AR (Dinu, Anca Raluca) [2], [5], [6]; Totorean, AD (Totorean, Alina-Daniela) [2], [5], [6]; Cojocaru, D (Cojocaru, Dan) [2], [3]; Sandesc, MA (Sandesc, Mihai-Alexandru) [1], [2], [3] **Staged Treatment of Posttraumatic Tibial Osteomyelitis with Rib Graft and Serratus Anterior Muscle Autografts-Case Report** JOURNAL OF PERSONALIZED MEDICINE Volume13 Issue12 DOI10.3390/jpm13121651, DEC 2023

Lazarescu, AE (Lazarescu, Adrian Emil) [1], [2], [3]; Hogeia, BG (Hogeia, Bogdan Gheorghe) [2], [3], [4]; Andor, BC (Andor, Bogdan Corneliu) [2], [3], [4]; Totorean, A (Totorean, Alina) [2], [5]; Cojocaru, DG (Cojocaru, Dan Grigore) [2], [3]; Negru, M (Negru, Marius) [6]; Bolintineanu, LA (Bolintineanu, Laura A.) [7]; Patrascu, JMJ (Patrascu, Jenel Marian Jnr) [2], [3], [4]; Misca, LC (Misca, Liviu C.) [2], [3], [4]; Sandesc, MA (Sandesc, Mihai A.) [2], [3], [4]; Patrascu, JMS (Patrascu, Jenel Marian Snr) **Using a Double Syringe Sterile System for MSK Aspiration/Injection Procedures Eliminates Risk of Iatrogenic Infection** THERAPEUTICS AND CLINICAL RISK MANAGEMENT Volume18 Page1029-1036, DOI10.2147/TCRM.S372676, Published 2022

Ionescu, A (Ionescu, Alin) [1]; Sharma, A (Sharma, Abhinav) [2]; Kundnani, NR (Kundnani, Nilima Rajpal) [3]; Mihailescu, A (Mihailescu, Alexandra) [4]; David, VL (David, Vlad Laurentiu) [5]; Bedreag, O (Bedreag, Ovidiu) [6]; Sandesc, D (Sandesc, Dorel) [6]; Dinu, AR (Dinu, Anca Raluca) [7]; Sandesc, MA (Sandesc, Mihai Alexandru) [8]; Albuiescu, N (Albuiescu, Nicolae) [9]; Dragoi, RG (Dragoi, Razvan Gabriel) **Intravenous iron infusion as an alternative to minimize blood transfusion in peri-operative patients** Scientific reports, Volume10Issue1, DOI10.1038/s41598-020-75535-2, OCT 27 2020

Dinu, AR (Dinu, Anca Raluca) [1]; Rogobete, AF (Rogobete, Alexandru Florin) [1, 2, 3]; Popovici, SE (Popovici, Sonia Elena) [2, 3]; Bedreag, OH (Bedreag, Ovidiu Horea) [1, 2, 3]; Papurica, M (Papurica, Marius) [1, 2, 3]; Dumbuleu, CM (Dumbuleu, Corina Maria) [2, 3]; Velovan, RR (Velovan, Raluca Ramona) [2, 3]; Toma, D (Toma, Daiana) [2, 3]; Georgescu, CM (Georgescu, Corina Maria) [2, 3]; Trache, LI (Trache, Lavinia Ioana) [2, 3]; Barsac, C (Barsac, Claudiu) [2, 3]; Luca, L (Luca, Loredana) [2, 3]; Buzzi, B (Buzzi, Bettina) [2, 3]; Maghiar, A (Maghiar, Andra) [2, 3]; Sandesc, MA (Sandesc, Mihai Alexandru) [1]; Rimawi, S (Rimawi, Samir) [2, 3]; Vaduva, MM (Vaduva, Madalin Marian) [2, 3]; Bratu, LM (Bratu, Lavinia Melania) [1]; Luminosu, PM (Luminosu, Paul Manuel) [2, 3]; Sandesc, D (Sandesc, Dorel) **Impact of General Anesthesia Guided by State Entropy (SE) and Response Entropy (RE) on Perioperative Stability in Elective Laparoscopic Cholecystectomy Patients-A Prospective Observational Randomized Monocentric Study** ENTROPY, Volume22Issue3, DOI10.3390/e22030356, MAR 2020

1.Mihai Sandesc¹, Alexandru Florin Rogobete^{1,2*}, Ovidiu Horea Bedreag^{1,2}, Anca Dinu¹, Marius Papurica^{1,2}, Carmen Alina Cradigati³, Mirela Sarandan³, Sonia Elena Popovici¹, Lavinia Melania Bratu⁴, Tiberiu Bratu¹, Adrian Tudor Stan¹, Dorel Sandesc^{1,2} - **Analysis of oxidative stress-related markers in critically ill polytrauma patients: An observational prospective single-center study-** BOSNIAN JOURNAL OF BASIC MEDICAL SCIENCES

Volume: 18 Issue: 2 Pages: 191-197

DOI: 10.17305/bjbms.2018.2306

Published: 2018

ISI1.45

2. Mihai Sandesc , Anca Dinu , Alexandru F. Rogobete Ovidiu H. Bedreag, Dorel Sandesc , Marius Papurica , Lavinia M. Bratu , Silviu Negoita , Corina Vernic , Sonia E. Popovici , Dan Corneci - **Circulating microRNAs Expressions as Genetic Biomarkers in Pancreatic Cancer Patients Continuous Non-Invasive Monitoring**

CLINICAL LABORATORY

Volume: 63

Issue: 10

Pages: 1561-1566

DOI: 10.7754/Clin.Lab.2017.170608

Published: 2017

ISI 0.84

3. JENEL MARIAN PATRASCU Jr.1, MIHAI ALEXANDRUSANDESC1*, MARIANA TUDORAN1*, DAN COJOCARU2, ADRIAN LAZARESCU1, GABRIELA ANCA BISTREAN2, CARMEN CAMELIA HAIVAS1, CODRUTA MILOICOV BACIAN1, MIHAELA BOANCA3*,

ALINA MIHAELA PASCU4, GHEORGHE BOGDAN HOGEA1 -**The Utility of Different Types of Implants in Repairing Knee Joint Posttraumatic Lesions**

REVISTA DE CHIMIE

Volume: 70

Issue: 3

Pages: 1076-1079

Published: MAR 2019

ISI 1.6

4. Bogdan Hogeia, Razvan Bardan, Mihai Sandesc, Jenel Marian Patrascu Jr, Alin Cumanas, Bogdan Andor - **Are night-time voiding and lower urinary tract symptoms significant risk factors for hip fractures caused by falling during the night in male subjects?**

PATIENT PREFERENCE AND ADHERENCE

Volume: 13

Pages: 1191-1197

DOI: 10.2147/PPA.S205229

Published: 2019

ISI 2.05

5. Ivan, MV (Ivan, Mihaela V.) [1] ; Rogobete, AF (Rogobete, Alexandru F.) [1,2] ; Bedreag, OH (Bedreag, Ovidiu H.) [1,2] ; Papurica, M (Papurica, Marius) [1,2] ; Popovici, SE (Popovici, Sonia E.) [1,2] ; Dinu, A (Dinu, Anca) [1] ; Sandesc, M (Sandesc, Mihai) [1] ; Beceanu, A (Beceanu, Andrei) [3] ; Bratu, LM (Bratu, Lavinia M.) [4] ; Popoiu, CM (Popoiu, Calin M.) [1] ; Sandesc, D (Sandesc, Dorel) [1,2] ; Boruga, O (Boruga, Ovidiu) [1] ; Fulger, L (Fulger, Lazar)

- **New Molecular and Epigenetic Expressions as Novel Biomarkers in Critically Ill Polytrauma Patients with Acute Kidney Injury (AKI)**

CLINICAL LABORATORY

Volume: 64

Issue: 5

Pages: 663-668

DOI: 10.7754/Clin.Lab.2018.171226

Published: 2018

ISI 0.84

6. GHEORGHE BOGDAN HOGEA1), JENEL MARIAN PĂTRAȘCU JR.1), MIHAI ALEXANDRU SÂDESC1), ANA CRISTINA BREDICEAN2), LAURA ALEXANDRA NUSSBAUM3), LAVINIA MARIA HOGEA4), SORINA MARIA DENISA LAITIN5), DRAGOȘ ERDELEAN6), DANIELA VERONICA CHIRIAC6), FLORIN LUCIAN MUNTEAN7), SORIN DAN CHIRIAC7) -**The utility of indirect imagistic signs in the diagnosis of anterior cruciate ligament ruptures**

ROMANIAN JOURNAL OF MORPHOLOGY AND EMBRYOLOGY

Volume: 59

Issue: 3

Pages: 741-745

Published: 2018

ISI 1.5

7. BOGDAN HOGEA, BOGDAN CORNELIU ANDOR, ALINA TOTOREAN, LAVINIA MARIA HOGEA1, LAURA ALEXANDRA NUSSBAUM, ANCA BISTRIAN, MIHAI ALEXANDRU SANDESC, ROXANA FOLESCU1, MARIA CORINA STANCIULESCU, ROMEO PETRU DOBRIN, MIHAELA

BOANCA3, JENEL MARIAN PATRASCU Jr.1 -Use of Intraoperative Analgesic and Anesthetic Substances by Intramuscular Infiltrations during Hip Surgery for Postoperative Pain Monitoring

REVISTA DE CHIMIE

Volume: 69

Issue: 12

Pages: 3530-3532

Published: DEC 2018

ISI 1.6

8. BOGDAN ANDOR1, JENEL M. PATRASCU1, SORIN FLORESCU1*, DAN COJOCARU3, MIHAI SANDESC3, FLORIN BORCAN 2*, OVIDIU BORUGA4 , SORIN BOLINTINEANU5 Comparison of Different Knee Implants Used on Patients with Osteoarthritis Control Study

MATERIALE PLASTICE

Volume: 53

Issue: 1

Pages: 119-125

Published: MAR 2016

9. Silviu I. Negoita 1, 2, Dorel Sandesc 3, 4, Alexandru F. Rogobete 3, 4, Madalina Dutu 1, 2, Ovidiu H. Bedreag 3, 4, Marius Papurica 3, 4, Muhammed F. Ercisli 5, Sonia E. Popovici 3, Raluca Dumache 3, Mihai Sandesc 3, Anca Dinu 3, Adriana M. Sas 3, Denis Serban 3, Dan Corneci - miRNAs Expressions and Interaction with Biological Systems in Patients with Alzheimer's Disease. Using miRNAs as a Diagnosis and Prognosis Biomarker - CLINICAL LABORATORY, Volume: 63, Issue: 9, Pages: 1315-1321, DOI: 10.7754/Clin.Lab.2017.170327, Published: 2017, ISI 0.84

10. Raluca Dumache1, Alexandru Florin Rogobete2,3, Dorel Sandesc2,3, Ovidiu Horea Bedreag2,3, Veronica Ciocan1, Camelia Muresan1, Adrian Tudor Stan1, Mihai Sandesc1, Anca Dinu1, Ovidiu Horea Bedreag1,2, Sonia Elena Popovici1, Alexandra Enache Use of Circulating and Cellular miRNAs Expression in Forensic Sciences - Journal of Interdisciplinary Medicine , DOI: 10.1515/jim-2017-0074, Published: 2017 Aug 28

- 11. Are night-time voiding and lower urinary tract symptoms significant risk factors for hip fractures caused by falling during the night in male subjects?**By:Hogea, B (Hogea, Bogdan) [1] ; Bardan, R (Bardan, Razvan) [2] ; Sandesc, M (Sandesc, Mihai) [3] ; Patrascu, JM (Patrascu, Jenel Marian, Jr.) [3] ; Cumanas, A (Cumanas, Alin) [2] ; Andor, B (Andor, Bogdan) [3]View Web of Science ResearcherID and ORCID (provided by Clarivate) PATIENT PREFERENCE AND ADHERENCE ,Volume13,Page1191-1197, DOI10.2147/PPA.S205229, Published2019, Indexed2019-08-02, Document TypeArticle
- 12. The Utility of Different Types of Implants in Repairing Knee Joint Posttraumatic Lesions.** By:Patrascu, JM (Patrascu, Jenel Marian, Jr.) [1] ; Sandesc, MA (Sandesc, Mihai Alexandru) [1] ; Tudoran, M (Tudoran, Mariana) [1] ; Cojocaru, D (Cojocaru, Dan) [2] ; Lazarescu, A (Lazarescu, Adrian) [1] ; Bistrea, GA (Bistrea, Gabriela Anca) [2] ; Haivas, CC (Haivas, Carmen Camelia) [1] ; Bacian, CM (Bacian, Codruta Miloicov) [1] ; Boanca, M (Boanca, Mihaela) [3] ; Pascu, AM (Pascu, Alina Mihaela) [4] ; Hogea, GB (Hogea, Gheorghe Bogdan), REVISTA DE CHIMIE, Volume7,Issue3,Page1076-1079, PublishedMAR 2019, Indexed2019-05-01, Document TypeArticle
- 13. Impact of General Anesthesia Guided by State Entropy (SE) and Response Entropy (RE) on Perioperative Stability in Elective Laparoscopic Cholecystectomy Patients-A Prospective Observational Randomized Monocentric Study, By: Dinu, AR (Dinu, Anca Raluca) [1] ; Rogobete, AF (Rogobete, Alexandru Florin) [1] , [2] , [3] ; Popovici, SE (Popovici, Sonia Elena) [2] , [3] ; Bedreag, OH (Bedreag, Ovidiu Horea) [1] , [2] , [3] ; Papurica, M (Papurica, Marius) [1] , [2] , [3] ; Dumbuleu, CM (Dumbuleu, Corina Maria) [2] , [3] ; Velovan, RR (Velovan, Raluca Ramona) [2] , [3] ; Toma, D (Toma, Daiana) [2] , [3] ; Georgescu, CM (Georgescu, Corina Maria) [2] , [3] ; Trache, LI (Trache, Lavinia Ioana) [2] , [3] ; Barsac, C (Barsac, Claudiu) [2] , [3] ; Luca, L (Luca, Loredana) [2] , [3] ; Buzzi, B (Buzzi, Bettina) [2] , [3] ; Maghiar, A (Maghiar, Andra) [2] , [3] ; Sandesc, MA (Sandesc, Mihai Alexandru) [1] ; Rimawi, S (Rimawi, Samir) [2] , [3] ; Vaduva, MM (Vaduva, Madalin Marian) [2] , [3] ; Bratu, LM (Bratu, Lavinia Melania) [1] ; Luminosu, PM (Luminosu, Paul Manuel) [2] , [3] ; Sandesc, D (Sandesc, Dorel), ENTROPY, Volume22, Issue3, Article Number356, DOI10.3390/e22030356, PublishedMAR 2020, Indexed2020-04-30, Document TypeArticle**
- 14. Intravenous iron infusion as an alternative to minimize blood transfusion in peri-operative patients,** By:Ionescu, A (Ionescu, Alin) [1] ; Sharma, A (Sharma, Abhinav) [2] ; Kundnani, NR (Kundnani, Nilima Rajpal) [3] ; Mihailescu, A (Mihailescu, Alexandra) [4] ; David, VL (David, Vlad Laurentiu) [5] ; Bedreag, O (Bedreag, Ovidiu) [6] ; Sandesc, D (Sandesc, Dorel) [6] ; Dinu, AR (Dinu,

Anca Raluca [7] ; Sandesc, MA (Sandesc, Mihai Alexandru) [8] ; Albuiescu, N (Albuiescu, Nicolae) [9] ;
Dragoi, RG (Dragoi, Razvan Gabriel), SCIENTIFIC REPORTS, Volume10, Issue1, Article
Number18403, DOI10.1038/s41598-020-75535-2, PublishedOCT 27 2020, Indexed2021-02-16,
Document TypeArticle