



Horea-Laurențiu Onea

Adresă: România (Acasă)

EXPERIENȚA PROFESIONALĂ

MEDIC SPECIALIST CARDIOLOGIE – SPITALUL CLINIC JUDETEAN DE URGENTA SIBIU – 01/07/2023 – În curs – SIBIU, ROMÂNIA

CONTRACT INDIVIDUAL DE EFECTUARE GARZI LINIA 1 PE SECTIA DE CARDIOLOGIE – SPITALUL CLINIC JUDETEAN DE URGENTA SIBIU – 05/2023 – În curs – SIBIU, ROMÂNIA

MEDIC SPECIALIST CARDIOLOGIE – SPITALUL JUDETEAN DE URGENTA ZALAU – 01/01/2023 – 30/06/2023 – ZALAU, ROMÂNIA

CONTRACT INDIVIDUAL DE EFECTUARE GARZI LINIA 1 PE SECTIA DE CARDIOLOGIE – SPITALUL JUDETEAN DE URGENTA ZALAU – 05/2022 – 06/2023 – ZALAU, ROMÂNIA

MEDIC REZIDENT CARDIOLOGIE – CLINICA MEDICALA NR 1 SCJU- USTACC; INSTITUTUL INIMII "NICULAE STĂNCIOIU"; SPITALUL DE RECUPERARE – 01/01/2017 – 12/2022 – CLUJ-NAPOCA, ROMÂNIA

EDUCAȚIE ȘI FORMARE PROFESIONALĂ

01/10/2021 – ÎN CURS Cluj-Napoca, România

STUDENT DOCTORAND; TEMA- IMAGISTICA PLĂCII DE ATEROM COMPLICATE DIN SINDROAMELE CORONARIENE ACUTE- IMPLICAȚII CLINICE; ÎNDRUMĂTOR: PROF. DR. OLINIC DAN-MIRCEA
Universitatea de Medicină și Farmacie "Iuliu Hațieganu"

02/2023 – 02/2025 Cluj-Napoca, România

ATESTAT DE STUDII COMPLEMENTARE - CARDIOLOGIE INTERVENTIONALA Universitatea de Medicină și Farmacie "Iuliu Hațieganu" ;Clinica Medicala nr 1 SCJU

2010 – 2016

DIPLOMĂ DE LICENȚĂ: DOCTOR MEDIC Universitatea de Medicină și Farmacie "Iuliu Hațieganu"

01/09/2014 – 31/05/2015 Angers, Franța

EXTERN BURSĂ ERASMUS CHU Angers

2012 – 2013 Cluj-Napoca, România

PARAMEDIC VOLUNTAR SMURD ISU Cluj

2006 – 2010 Ocna-Mureș, România

DIPLOMĂ DE BACALAUREAT Liceul Teoretic "Petru Maior"

COMPETENȚE LINGVISTICE

Limbă(i) maternă(e): **ROMÂNĂ**

Altă limbă (Alte limbi):

	COMPREHENSIUNE		VORBIT		SCRIS
	Comprehensiune orală	Citit	Exprimare scrisă	Conversație	
ENGLEZĂ	C1	C2	C1	C1	C1
FRANCEZĂ	B2	B2	B2	B2	B2
SPANIOLĂ	B1	A2	A2	A2	A2

Niveluri: A1 și A2 Utilizator de bază B1 și B2 Utilizator independent C1 și C2 Utilizator experimentat

● **COMPETENȚE**

Microsoft Office (Word, Excel, Power Point) | Utilizator experimentat internet, programe de messenger, email, căutare

● **REȚELE ȘI AFILIERI**

2025 - ÎN CURS

Membru Societatea Română de Cardiologie

03/2022 - ÎN CURS

Membru European Atherosclerosis Society

2020 - ÎN CURS

Membru ACVC

● **HOBBY-URI**

Călătoriile, lectura, cântatul la chitară, tenisul, schiul și drumețiile

● **COMPETENȚE DOBÂNDITE LA LOCUL DE MUNCĂ**

efectuare ecografie cardiacă

efectuare proceduri invazive: coronarografie, arteriografie periferica, cateterism cardiac, angioplastie coronariană/ periferică, montare cateter venos central, efectuare cardiostimulare temporară, efectuare pericardiocenteză/ toracocenteză

efectuare ecografie vasculară

● **ARTICOLE PUBLICATE IN JURNALE ISI- AUTOR PRINCIPAL**

1. Onea HL, Homorodean C, Lazar FL, Negrea MO, Calin T, Bitea IC, Teodoru M, Nechita VI, Olteanu AL, Olinic DM. Galectin-3 Reflects Systemic Atherosclerosis in Patients with Coronary Artery Disease

Medicina (Kaunas). 2025 Jul 30;61(8):1388. IF- 2.4 Q1

2. Onea HL, Lazar FL, Teodoru M, Stoia O, Olinic DM. A Case Report of Ebstein's Anomaly- Gerbode Defect Dyad- Is There Room for Another Anomaly in the Same Patient?

Eur Heart J Case Rep; 2024 Aug 22;8(9):ytae444. IF- 0.8 Q3

3. Onea HL, Olinic M, Lazar FL, Homorodean C, Ober MC, Spinu M, Achim A, Tataru DA, Olinic DM. A Review Paper on Optical Coherence Tomography Evaluation of Coronary Calcification Pattern: Is It Relevant Today?

J. Cardiovasc. Dev. Dis. 2024; 11(8): 231. IF- 2.4 Q2

4. Onea HL, Spinu M, Homorodean C, Ober MC, Olinic M, Lazar FL, Achim A, Tataru DA, Olinic DM. Superficial Calcified Plates Associated to Plaque Erosions in Acute Coronary Syndromes

5. Onea HL, Lazar FL, Olinic DM, Cortese B. Diffuse coronary artery disease management with drug-coated balloons

Vessel Plus. 2023;7:13.

6. Onea HL, Spinu M, Homorodean C, Olinic M, Olinic DM. OCT imaging of a wide spectrum of culprit plaque morphology features in acute coronary syndromes

Atherosclerosis. 2022 Aug 1;355:30. IF- 6.84 Q1

7. Onea HL, Spinu M, Homorodean C, Olinic M, Lazar FL, Ober MC, Stoian D, Itu LM, Olinic DM. Distinctive Morphological Patterns of Complicated Coronary Plaques in Acute Coronary Syndromes: Insights from an Optical Coherence Tomography Study

Diagnostics (Basel). 2022 Nov 17;12(11):2837. IF- 3.99 Q2

8. Onea HL, Lazar FL, Olinic DM, Homorodean C, Cortese B. The role of optical coherence tomography in guiding percutaneous coronary interventions- is left main the final challenge?

Minerva Cardiol Angiol. 2024 Feb;72(1):41-55. IF- 2.26 Q3

9. Spînu M, *Onea HL, Homorodean C, Olinic M, Ober MC, Olinic DM. Optical Coherence Tomography-OCT for Characterisation of Non-Atherosclerotic Coronary Lesions in Acute Coronary Syndromes.

J. Clin. Med. 2022; 11(1):265. IF- 5.58 Q1 *contribuție egală cu prim autorul

● **GRANTURI DE CERCETARE**

1.PN-III-P2-2.1-PED-2019-2404 Diagnosticarea si planificarea tratamentului in timp real a pacientilor cu boala arteriala coronariana folosind inteligenta artificiala si tomografia de coerenta optica; Director: Prof. Dr. Dan-Mircea Olinic

● **PREZENTARI ORALE**

1. Onea HL, Spinu M, Homorodean C, Olinic M, Olinic DM. OCT Imaging Of A Wide Spectrum Of Culprit Plaque Morphology Features In Acute Coronary Syndromes

EAS Congress, Milano 2022

2. Aldea GD, Stoian DI, Gheorghita AB, Onea HL, Olinic DM, Homorodean C, Spinu M, Olinic M, Itu LM. Deep Learning based Coronary Stent Detection and Residual Stenosis Assessment in Optical Coherence Tomography

IEEE 20th International Power Electronics and Motion Control Conference (PEMC), Braşov 2022

● **PREZENTARI POSTER**

1. Onea HL, Spinu M, Homorodean C, Olinic M, Olinic DM. OCT Imaging Reveals Significant Morphology Differences Between Culprit Lesions With Intimal Discontinuities or Calcified Nodules In Acute Coronary Syndromes

EuroPCR, Paris 2022

● **ARTICOLE PUBLICATE IN JURNALE ISI- COAUTOR**

1. Lazar FL, Kacso TP, Homorodean C, Ober M, Onea HL, Tataru D, Spinu M, Olinic M, Teodoru M, Olinic DM. OCT for Optimizing Long-Term Clinical Results in Left Main PCI-Dream or Reality? Results from a Single-Center High-Volume Registry

J Clin Med. 2025 Aug 18;14(16):5824. IF- 2.9 Q1

2. Homorodean C, Onea HL, Lazar FL, Ober MC, Spinu M, Tataru DA, Olinic M, Popa Ilie IR, Homorodean R, Leucuta DC, Olinic DM. OCT-Based Morphological Classification of Healed Coronary Plaques: Insights from Imaging of Fresh Thrombi at Different Stages of Healing and Implications for Post-Stenting Edge Dissections

Medicina (Kaunas). 2025 Jul 30;61(8):1388. IF- 2.4 Q1

3. Lazar FL, Onea HL, Homorodean C, Bitea IC, Lazar DR, Ober MC, Tataru D, Olinic M, Spinu M, Kacso TP, Olinic DM. Drug-Coated Balloons in All-Comer Population—Are We There Yet?

J Clin Med. 2025 May 21;14(10):3608

4. Iwańczyk S, Lazar FL, Onea HL, Pesenti N, Wańha W, Woźniak P, Gościński W, Lesiak M, Cortese B. Sirolimus-coated balloon versus drug-eluting stent for complex coronary lesions. A propensity matched comparison

Int J Cardiol. 2024 Nov 15;415:132436. IF- 3.2 Q1

5. Lazar FL, Prvulović Đ, Onea HL, Cortese B. The role of drug-coated balloons for coronary bifurcation management: results from the prospective EASTBOURNE-BIF study

Minerva Cardiol Angiol. 2024 Aug;72(4):346-354. IF- 1.4 Q3

6. Tataru DA, Lazar FL, Onea HL, Homorodean C, Ober MC, Olinic M, Spinu M, Olinic DM. Benefits and Challenges of Drug-Coated Balloons in Peripheral Artery Disease: From Molecular Mechanisms to Clinical Practice

Int J Mol Sci. 2024 Aug 11;25(16):8749. IF- 4.9 Q1

7. Spinu M, Gligor RI, Olinic M, Homorodean C, Ober MC, Tataru D, Sabiescu B, Onea HL, Achim A, Lazar FL, Olinic DM. Ultrasonography for the optimal selection of patients suitable for single session arteriography and endovascular revascularization in severe peripheral artery disease

Med Ultrason. 2024 Dec 19;26(4):376-382. IF- 1.8 Q3

8. Lazar FL, Onea HL, Olinic DM, Cortese B. A 2024 scientific update on the clinical performance of drug-coated balloons

AsiaIntervention. 2024 Feb 29;10(1):15-25.

9. Olinic M, Lazar FL, Onea HL, Homorodean C, Ober M, Tataru D, Spinu M, Achim A, Olinic DM. Peripheral Artery Disease Ultrasound Assessment in Predicting the Severity of Coronary Artery Disease.

Life (Basel). 2024 Mar 1;14(3):333. IF- 3.2 Q1

10. Homorodean C, Ober MC, Spinu M, Olinic M, Tataru DA, Onea HL, Achim A, Lazar LF, Homorodean R, Deak B, Olinic DM. Outcomes after stenting of renal artery stenosis in patients with high-risk clinical features

Egypt Heart J. 2024 Jan 18;76(1):4. IF- 1.4 Q3

11. Tătaru DA, Olinic M, Homorodean C, Ober MC, Spînu M, Lazăr FL, Onea L, Olinic DM. Correlation between Ultrasound Peak Systolic Velocity and Angiography for Grading Internal Carotid Artery Stenosis

J Clin Med. 2024 Jan 17;13(2):517. IF- 3.0 Q1

12. Cortese B, Piraino D, Gentile D, Onea HL, Lazar L. Intravascular imaging for left main stem assessment: An update on the most recent clinical data

Catheter Cardiovasc Interv. 2022 Dec;100(7):1220-1228. IF- 2.69 Q1

13. Ober MC, Lazăr FL, Achim A, Tirinescu DC, Leibundgut G, Homorodean C, Olinic M, Onea HL, Spînu M, Tătaru D, Săbiescu B, Olinic DM. **Interventional Management of a Rare Combination of Nutcracker and Wilkie Syndromes**

J Pers Med. 2022 Sep 6;12(9):1461. IF- 3.5 Q2

14. Achim A, Stanek A, Homorodean C, Spinu M, Onea HL, Lazăr L, Marc M, Ruzsa Z, Olinic DM. **Approaches to Peripheral Artery Disease in Diabetes: Are There Any Differences?**

Int J Environ Res Public Health. 2022 Aug 9;19(16):9801. IF- 4.61 Q1

15. Lazar FL, Onea HL, Cortese B. **An update on the use of drug coated balloons in clinical practice - results from the most recent studies**

Heart and Blood Vessels. 2022;31(3):65-69.

● **ABONAMENTE REVISTE DE SPECIALITATE**

2022 – ÎN CURS

EuroIntervention

● **COMPETENȚE DE COMUNICARE ȘI INTERPERSONALE**

Spirit de echipă

Empatie

● **COMPETENȚE ORGANIZATORICE**

Capacitate de a lucra eficient sub presiune

Capacitate de sinteză și analiză

Capacități decizionale

Adaptabilitate și flexibilitate

● **PARTICIPĂRI CONFERINȚE**

EuroPCR

2025, Paris

Al 63-lea Congres Național de Cardiologie

2024, Sinaia

CHIP Romania

2024, București

Conferința de Primăvară a Societății Române de Cardiologie

2023, Sibiu

CHIP Romania

2023, București

EuroPCR

2022, Paris

EAS Congress

2022, Milano

29.01.2026