

JOB APPLIED FOR
POSITION

Current position

1 – “ Prof. Dr. Th. Burghele” Hospital
- Specialist in cardiology
- Consultant in Internal Medical

2 – University of Medicine “Carol Davila”
- Assistan Professor

WORK EXPERIENCE

- 1 – Specialist in Cardiology – since 2005**
- 2 – Consultant in Internal Medicine – since 1994**
- 3 – Expert in vascular ultrasound – since 2008**
- 4 – Expert in transoesophageal echocardiography – since 2001**
- 5 – Expert in Echocardiography ultrasound – since 1995**
- 6 – Assistant professor – since 1991**

EDUCATION AND TRAINING

Post academic achievements:

- 1 – PhD , awarded by UMF “Carol Davila”, Bucharest, in 2006
- 2 – ESC Fellowship in cardiology – held in Glasgow, UK
- 3 – Austrian and Soros Foundation Fellowship in cardiology – held in Viena, Austria
- 4 – Cornell Hospital Foundation Fellowship in cardiology – held in Salzburg, Austria

Academic achievements:

- 1 – MD, in 1990

PERSONAL SKILLS

Mother tongue(s) **Romanian**

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	excellent	excellent	very well	very well	very well
French	very well	excellent	well	well	well

Communication skills

C1 / C2

- exceptional communication skills gained through my experience as assistant professor
- exceptional communication skills gained through my courses I take for ILTS with the British Council
- exceptional communication skills gained through my working-time spent in the UK & Austria

Organisational / managerial skills

C1 / C2

- leadership (currently responsible for a team of 10 people)

Job-related skills

Excellent team work skills

- gained through 25 years of work experience

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Independent user	Independent user	Independent user

Membership in scientific societies

- 1 – European Society of Cardiology
- 2 – American Society of Echocardiography
- 3 – Romanian Society of Cardiology
- 4 – Romanian Society of Internal Medicine

Conferences and Lectures

- 1 – “**Echocardiography in the ER – The role of the echocardiography in making the differential diagnosis of acute dyspnoea**” – The 21-st Romanian National Symposium of Echocardiography, Bucharest, May 2006
- 2 – “**Diastolic Suction – a useful haemodynamic phenomenon in studying the LV systolic function**” – Romanian Society of Cardiology, Bucharest, June 2006
- 3 – **Lectures on Emergencies in cardiology** – Caritas Hospital, Bucharest
- 4 – **Lectures on ECG interpretation** - for nurses
- 5 – **Courses** for III-rd and IV-th year students on Cardiology, Internal Medicine, Medical Semiology

- **Published articles**

1. **Case record of the Prof. Dr. Th. Burghel Hospital: A 32-year-old man with Raynaud syndrome and acute myocardial infarction treated with Streptokinase** (Terapeutica, 3/1994 Dec., p.57-66)
2. **Scientific paper: Medical progresses in paroxysmal supraventricular tachycardia** (Spitalul, 3/1995, p.23-27)
3. **Scientific paper: Right ventricular infarction - diagnosis, treatment, prognosis.** (Spitalul, 3/1996, p.49-54)
4. **Scientific paper: "Evaluation of left ventricular diastolic function in systemic hypertension by Doppler echocardiography using Valsalva maneuver and pulmonary venous flow"** (Cardiovascular Imaging 1996; 8) (Co-authors: Dr. A. Iliesiu, S. Radulescu, T. Nanea, N. Paun, C. Boianjiu, Prof. P. Popescu)

- **Works presented at congresses**

1. **Aspects of cardiac function in patient with chronic hemodialysis** (Co-authors: Dr. A. Iliesiu, Dr. N. Paun, Dr. T. Nanea) The 29th National Conference of Cardiology, Sinaia-Romania, Oct. 1995
 2. **Comparison of pulmonary venous flow with mitral flow by means of Pulsed Doppler Echocardiography in hypertensive patient versus normal subjects.** (Co-authors: Dr. A. Iliesiu, Dr. N. Paun, Prof. P. Popescu) The 29th National Conference of Cardiology, Sinaia-Romania, Oct. 1995
 3. **Mechanisms of chronic ischemic mitral valve insufficiency and determination of Doppler-derived rate of left ventricular pressure rise (dP/dT).** (Co-authors: Dr. A. Iliesiu, Dr. N. Paun, Prof. P. Popescu) The 30th National Conference of Cardiology, Sinaia-Romania, Oct. 1996
- The work was very well received and awarded the Special Award**
4. **Evaluation of left ventricular diastolic function in systemic hypertension by means of Doppler Echo- cardiography using Valsava manoeuvre and pulmonary venous flow.** (Co-authors: Dr. A. Iliesiu, Dr. N. Paun, Prof. P. Popescu) The 9th International Congress on Echocardiography "Clinical Cardiology", Rome-Italy, 5-8 Feb. 1997
 5. **Echocardiographical assessment of the left atrium function related to mitral and pulmonary flows in patients with left ventricular diastolic dysfunction.** (Co-authors: A. Iliesiu N. Paun, P. Popescu) The National Congress of Cardiology, Bucharest-Romania, 1-4 Oct. 1997
- The work was very well received and awarded the Special Award**
6. **Comparison of pulmonary venous flow and mitral flow by pulsed Doppler echo in hypertensive cardiomyopathy versus normal subjects.** POSTER (Co-authors: A. Iliesiu, et al.) The 2nd World Congress of Echocardiography and vascular Ultrasound, Beijing-China, May 24-26, 1996.
 7. **Diastolic function and left ventricular geometric remodeling in arterial hypertension** (Co-authors: A. Iliesiu, T. Nanea, C. Boianjiu, C. Nicolae, M. Matinca, N. Paun, M. Crutescu) The third annual and plenary meeting of the Working Group on Echocardiography of the ESC, Vienna-Austria, 8-11 December, 1999.
 8. **Diastolic function and left ventricular geometric remodeling in arterial hypertension** (Co-authors: A. Iliesiu, T. Nanea, C. Boianjiu, C. Nicolae, M. Matinca, N. Paun, M. Crutescu) The 38th National Congress of Cardiology, Sinaia-Romania, September 29 - October 2, 1999
 9. **Early repolarization syndrome evaluation** (Co-authors: T. Nanea, M. Crutescu, A. Iliesiu, N. Paun, C. Cleja, Z. Filip) The 38th National Congress of Cardiology, Sinaia-Romania, September 29 - October 2, 1999
 10. **Estimation of the intraventricular diastolic pressure gradients by a software especially conceived for the digital analysis of the Colour M-Mode Doppler flow.** (Co-authors: N. Paun, D. Steriu* and colleagues) The 18th National Symposium of Echocardiography with International participation, Bucharest, May 2003.

The work was very well received and awarded the First Prize.

11. **Diastolic dysfunction and LV remodelling in hypertensive patients** – (Co-authors: Iliesiu A, Paun N, Vinereanu D, Nicolae C, Nanea T) - 3rd Annual Meeting of the Echocardiography working Group of the European Society of Cardiology, Vienna 1999

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12. Diastolic dysfunction and LV geometry in hypertensive patients
(Co-authors: Nanea T, Nicolae C, Paun N, Iliesiu A, Matinca M) – The 38th Romanian

National Congress of Cardiology, Sinaia 1999

13. Noninvasive evaluation of myocardial viability in ischemic cardiopathy. 2nd Part; I T Nanea , GS Gheorghe . A M Iliesiu, M Nanea., C Nicolae , N Paun , S Vlisan; PRACTICA MEDICALĂ – VOL. V, NR. 2(18), AN 2010

14. Estimation of the intraventricular diastolic pressure gradients by a especially conceived for the digital analysis of the Colour M-Mode

hypertensive patients (Co-authors: Paun N, Steriu Dan*, Iliesiu A, Filip Z, Nicolae C, Deleanu AM, Nanea T); The 42nd Romanian National Congress of Sinaia, 2003

15. Digital analysis of the early diastolic Colour M-Mode Doppler flow Echocardiographic comparative evaluation of the LV function in patients

before and after treatment (Co-authors: Paun N, Steriu D*, Nanea T); National Symposium of Heart Failure, Brasov, May 2004

16. Extraction of hemodynamic parameters from echocardiographic using the virtual analysis (Co-authors: Steriu D, Paun N)

Robotics, Cluj, May 2004

The work was very well received and awarded the Prize of Excellence

17. ST segment elevation – Diagnostic difficulties in young patients

Chest pain (Co-authors: Paun N, Campeanu G, Campeanu A, Nanea T) The National Conference of Emergency Cardiology, Noiembrie, 2004

18. Risk Factors in NSTEMI (Co-authors: Gheorghe GS, Andrei I, Paun N, Camelia N, Uscoiu G, Tiberiu N) The Romanian National Symposium of the Group of the Atherosclerotic Disease

19. Correlation between early diastolic parameters (LV Suction) and LV in patients with LVF (Co-authors: Paun N, Steriu D, Nanea T) The 21st

National Symposium of Echocardiography, Bucharest May 2006

20. Latent hypothyroidism in the elderly with persistent AF (Co-authors: Gheorghe GS , Paun N, Andrei I, Visan S, Dusceac D, Statie R, Macovei M) Romanian Society of Cardiology, Bucharest June 2006

21. Diastolic Suction – an insight into haemodynamic changes useful in the assessment of LV systolic function (Co-authors: Paun N, Steriu D*, Nicolae C, Gheorghe GS , Deleanu AM, Nanea T) Romanian Society of Cardiology, Bucharest July

22. Myocarditis in HIV infection – Clinical and Morphopathological correlations(Co-authors Moldovan L, Brinzan O, Stefanescu Winterlink A, Teodorescu M, Paun N) The 3rd Romanian National Symposium of Morphopathology, “V. Babes Institute”, Bucharest, November 2006

23. Left atrial function in hypertensive patients (Co-author N.Paun) The 10th Mondial Congress of Echocardiography and Cardiovascular

Imagistics, Rome October 2006

The work was very well received and awarded the the 3rd Prize

with COPD

24. Clinical and haemodynamical effects of AEC inhibitors in patients

(Co-authors: Gheorghe GS, Paun N, Nicolae C, Nanea IT) Congress of the European Federation of Internal Medicine, Lisabone, Mai 2007

patient with

25. A mobile hyperechogenic mass attached to the aortic cusp in a

the Working

recently diagnosed HF (Co-author: Nanea. T, Paun N) The Conference of

Group for Echocardiography, Brasov Mai, 2007

global

26. Correlation of early diastolic function (ventricular suction) with

systolic left ventricular function (N. Paun, C. Nicolae, G. Gheorghe, A. Iliesiu, T. Nanea) The VII-th Central European Symposium on Echocardiograph ; Sibiu, 26-27 Octombrie, 2007

27. Echocardiography – more than a simple analysis of the morphopathological

modifications in heart diseases (T. Nanea, N. Paun) The 47th Romanian National Congress of Echocardiography, Sinaia, October 2007

patient with

28. A mobile hyperechogenic mass attached to the aortic cusp in a

recently diagnosed HF (Nanea. T, Paun N) The 47th Romanian National Congress of Echocardiography, Sinaia, October 2007

29. Early clinical particularities in the evolution of acute inferior and right ventricle myocardial infarction (Gheorghe GS, Nanea IT, Paun N) Heart Failure Congress, Nice, May-June 2009

30. COPD a risk factor for AMI (Co-authors: Gheorghe GS, Hodorozea A, Andrei I, Paun N, Cipi L, Parvu I, Nicolae C, Nanea T) The 48th Romanian National Congress of Echocardiography, Sinaia, September, 2009

31. Non-invasive evaluation of myocardial viability in ischemic cardiopathy. 2nd Part; (Ioan Tiberiu Nanea , Gabriela Silvia Gheorghe, Adriana Mihaela Iliesiu , Mariana Nanea ,Camelia Nicolae , Nicolae Paun , Sorin Visan) PRACTICA MEDICALĂ – VOL. V, NR. 2(18), AN 2010

32. Ecocardiographical data in atrial flutter, before and after ablation. (Ioan Tiberiu Nanea, , Gabriela Silva Gheorghe, ,Adriana Mihaela Iliesiu, Ana Cristea,, Camelia Nicolae, Nicolae Paun, Mariana Nanea) PRACTICA MEDICALĂ – VOL. VI, NR. 3(23), AN 2011

33. Estimation of the LV protodiastolic pressure gradients by digital analysis of the Colour M-Mode doppler flow – invasive and echocardiographic study of the diastolic suction (Co-authors: stud. Busnatu SS, Steriu D, Nanea IT Paun N) The 1st congress of students and young doctors from the University of Medicine and Pharmacy of Bucharest, March, Bucharest, March 2011

The work was very well received and awarded the 3rd Prize

34. Estimation of the LV protodiastolic pressure gradients by digital analysis of the Colour M-Mode doppler flow (Co-authors: stud. Busnatu SS, Steriu D, Nanea IT Paun N) The 10th International Congress of Medical Sciences for students and young doctors, Sofia – Bulgaria, May 2011

The work was very well received and awarded the 3rd Prize

35. Digital analysis of the early diastolic colour doppler M-Mode flow of the LV – an invasive and echocardiographic study of diastolic suction (Co-authors: stud. Busnatu SS, Steriu D, Nanea IT, Paun N.) The 22nd

European Students' Conference, Berlin, Chartie, September 2011

37. Dispersion of ventricular repolarization in relation to cardiovascular risk factors in hypertension; (Ciobanu A, Gheorghe GS, Ababei M, Deaconu M, Ilieșiu AM, Bolohan M, Păun N, Nicolae C, Nanea IT); Journal of Medicine and Life Vol. 7, Issue 4, October-December 2014, pp.545-550

38. Hypertension-induced left ventricular concentric remodelling , early diagnosing (Co-authors: Gabriela Silvia Gheorghe, Ioan Tiberiu Nanea, Nicolae Paun, C Nicolae) Journal of Hypertension Research, 2018, 4(1), 7-14

39 The Significance of Ventricular Interdependence in Patients with Right Ventricular Hypertrophy and Normal Left Ventricular Function (Co-authors: Nicolae Paun , Ioan Tiberiu Nanea, Camelia Nicolae, Alice Munteanu, Florentina Cristina Plesa , Magdalena Diaconu, Alina Bisoca , Monica Marilena Tantu, Elena Ioana Iconaru , Alina Paunescu, Constantin Ciucurel) Revista de Chimie, No 10, 2019; 3689-3693

40. Adult onset of Dandy-Walker Syndrome (Co-authors: Sinelli Joanna, Toader Cornel, Paun Nicolae) Movement Disorders Journal supplement 2020

41. Adult onset of Dandy-Walker Syndroe (Co-authors: Sinelli Joanna, Toader Corneliu, Paun Nicolae) 2020 International Congress of Parkinson's Disease and Movement Disorders; Abstract Reference Number: 000045; 12 – 16 Septembrie 2020

42. NT-pro BNP versus E/E' ratio after ECG treadmill test in asymptomatic hypertensive patients with exercise-induced diastolic dysfunction (Co-authors: Nicolae Paun, Gabriela Uscoiu, Andreea Hodorozea, Irina Mariella Andrei , Camelia Nicolae, Tiberiu Ioan Nanea) Romanian Journal of Cardiology, Vol 31, No 2, 2021

43. Exercised-induced NT-pro BNP secretion in hypertensive patients without eart failure can diagnose the subclinical left ventricular dysfunction; Nicolae Păun , Ingrid Joanna Sinelli , Camelia Nicolae , Ioan Tiberiu Nanea , Corneliu Toader; Internal Medicine 20 vol. XV No. - www.smi.ro

44. Reducing cardiovascular burden in psoriasis patients by using specific therapies – How close are we?; Claudia Andreea Palcau, Stefan Busnatu , Livia Florentina Paduraru, Alexandru Cosmin Palcau, Octavian Andronic, Nicolae Paun , Ana Maria Alexandra Stanescu; Romanian Medical Journal – Volume 69, No. 3, 2022

46. Patient Perception When Transitioning from Classic to Remote Assisted Cardiac Rehabilitation; S, tefan-Sebastian Busnatu , Maria-Alexandra Pană, , Andreea Elena Lăcraru, , Cosmina-Elena Jercălău, Nicolae Paun, Massimo Caprino, Kai Gand, Hannes Schlieter, Sofoklis Kyriazakos, Cătălina Liliana Andrei and Crina-Julieta Sinescu); Diagnostics 2022, 12, 926. <https://doi.org/10.3390/diagnostics12040926>

47. Changing Times: The Impact of Digitalization on the Behavior of Professionals and Their Perception towards Development; (Ariadna Badea , Nicolae Paun , Cristina Fleseriu and Dragos Paun); Behavioral Sciences; Vol 12, 139, 2022

48. Oral arginine supplementation in healthy individuals performing regular resistance training. ([Ștefan-Sebastian Busnatu](#) [Octavian Andronic](#), [Maria-Alexandra Pană](#), [Anca Pantea Stoian](#), [Alexandru Scafa-Udris̃te](#), [Nicolae Păun](#), [Silviu Stanciu](#),) [Healthcare \(Basel\)](#). 2023 Jan; 11(2): 182.

Published Books

- “Heart and the HIV infection”

Authors: Popescu LM, Moldovan L, Branzan O, Ardeleanu C; Paun N, and co.

- **“Semiologie medicala” vol I si II** ; sub coordonarea prof univ. Ion Dina

Research work

- **“VIVA – Evaluation of the myocardial viability in ischaemic cardiomyopathy using the morfo-functional modifications of the heart caused by arrhythmias with different ventricular filling”**

Experienced researcher

Research project – “IDEAS” Nr. 587 / 2008