

Νίκη Γεωργίου



ΒΙΟΓΡΑΦΙΚΕΣ ΠΛΗΡΟΦΟΡΙΕΣ:

Greek:

Η Νίκη Γεωργίου είναι εγγεγραμμένη νοσηλεύτρια και εγγεγραμμένη τεχνολόγος αγγείων (Registered Vascular Specialist) η οποία εξελίχθηκε στον τομέα των υπερήχων για τις φλέβες και αρτηρίες. Εκπαιδεύτηκε υπό την καθοδήγηση του Καθηγητή Ανδρέα Νικολαΐδη και στο Charing Cross Hospital στο Λονδίνο. Έχει αποκτήσει υποτροφία του Fulbright για μετεκπαίδευση στο Stony Brook University Medical Centre, στο Long Island, New York. Στο παρόν στάδιο εργάζεται με τον Δρ. Ανδρέα Νικολαΐδη και ασχολείται με καρδιαγγειακές έρευνες για την πρόληψη των εμφραγμάτων του μυοκαρδίου και των εγκεφαλικών καθώς και με τη διάγνωση αγγειακών παθήσεων με τη χρήση υπερήχου. Έχει πολυάριθμες επιστημονικές δημοσιεύσεις και κατέχει διεθνή βραβεία για τη δουλειά της στην καρδιαγγειακή έρευνα.

English:

Niki Georgiou is a registered nurse and has evolved in the field of Vascular Ultrasound. She was trained under the wing of Professor Andrew Nicolaides and at Charing Cross Hospital in London. She has acquired a Fulbright scholarship to further her knowledge at Stony Brook University in Long Island, New York. She is currently involved in Cardiovascular Research for the prevention of heart attacks and strokes and in the diagnosis of vascular disease using ultrasound. She is a fully accredited Registered Vascular Specialist (RVS). She has numerous scientific publications and international awards for her work in cardiovascular research.

Education:

PROFESSIONAL QUALIFICATIONS:

October 1997 – January 2001: School of Nursing Cyprus, Graduation Diploma R.G.N

February 2003: Certificate of Course Completion, Basic Epidemiological Methods Department of Social Medicine, University of Bristol.

February 2004: Occupational Health and Safety Assessment Series (OHSAS 18001), Lead Assessor. Course Completion.

January 2009- September 2009: Clinical placement at Charing Cross Hospital, London, as Vascular Technologist.

September 2011-November 2011: Clinical placement at Stony Brook Medical Centre, Division of Vascular Surgery as Vascular Technologist

June 2015: Registered Vascular Specialist (RVS) accreditation from Cardiovascular Credentialing International.

CAREER HISTORY:

January 2001- September 2001: Neurology Nurse at the Cyprus Institute of Neurology and Genetics.

September 2001 – 2005: Trainee Vascular Technologist The Cyprus Institute of Neurology . Genetics (CING) under the mentorship of Professor A.Nicolaides

November 2002 – March 2003: University of Bristol, Department of Social Medicine.

January 2006 to December 2013: Vascular Screening and Diagnostic Centre, Nicosia

PRESENT APPOINTMENT:

January 2014-till present: Freelance Registered Vascular Specialist

RESEARCH EXPERIENCE:

- Asymptomatic Carotid Stenosis and Risk of Stroke: A multicenter natural history study 2001 – 2011.
- Vascular Technologist of the Boyd Orr Study, UK.
- The Cyprus Cardiovascular Study (Follow Up in Progress).
- Carotid ultrasound image analysis, normalization and processing.
- Contrast imaging using ultrasound of carotid atherosclerotic plaques(Vasa Vasorum).

SCOLARSHIPS,HONORS AND AWARDS:

April 2007: International Union of Angiology 2nd prize for best oral presentation of scientific work entitled “ Smoking in Cyprus. A Pilot Population Survey.”

March 2008: Cyprus Medical Association 1st prize for best oral presentation of scientific work entitled “ Metabolic Syndrome and Subclinical Atherosclerosis in Cyprus.”

September- November 2011: Fulbright Scholarship awarded.

PUBLICATIONS:

1. Texture analysis of the media-layer of the left and right common carotid artery .Christos P. Loizou, Niki Georgiou, Maura Griffin, Eftyvoulos Kyriacou, Andrew Nicolaides, Constantinos S. Pattichis.IEEE Int. Conf. Biomed. & Health Informatics (BHI), Valencia, Spain; 06/2014
2. Association between serum levels of pro-metalloproteinase 1, tissue inhibitor of metalloproteinases 1 and 2 and prevalent cardiovascular disease in a population-based study. A G Panayiotou, E Kamilari, M Griffin, T Tyllis, N Georgiou, D Bond, D Hoppensteadt, J Fareed, A Nicolaides International angiology: a journal of the International Union of Angiology 12/2013; 32(6):599-604.
3. Association of genotypes at the matrix metalloproteinase (MMP) loci with carotid IMT and presence of carotid and femoral atherosclerotic plaques.Andrie G Panayiotou, Maura B Griffin, Theodosis Tyllis, Niki Georgiou, Dawn Bond, Steve E Humphries, Andrew N Nicolaides Vascular Medicine 09/2013; 18(5).
4. Association between presence of the metabolic syndrome and its components with carotid intima-media thickness and carotid and femoral plaque area: a population study Andrie G Panayiotou, Maura Griffin, Panayiotis Kouis, Theodosis Tyllis, Niki Georgiou, Dawn Bond, Andrew N Nicolaides Diabetology and Metabolic Syndrome 08/2013; 5(1):44.
5. Progression of Carotid Artery Stenosis Is Associated With the Occurrence of Subsequent Ipsilateral Ischemic Events and Stroke: Results From the ACSRS Study.Stavros K. Kakkos, Ioanna Charalambous, Michael M. Sabetai, Maura B. Griffin, Niki Georgiou, George Geroulakos, Gregory C. Makris, Andrew N. Nicolaides Journal of Vascular Surgery 05/2013; 57(5):26S–27S. DOI:10.1016/j.jvs.2013.02.082
6. Automated carotid IMT measurement and its validation in low contrast ultrasound database of 885 patient Indian population epidemiological study: results of AtheroEdge™ Software.Molinari F, Meiburger KM, Zeng G, Saba L, Rajendra Acharya U, Famiglietti L, Georgiou N, Nicolaides A, Sriswan Mamidi R, Kuper H, Suri JS.Int Angiol. 2012 Feb;31(1):42-53.
7. Juxtaluminal hypoechoic area in ultrasonic images of carotid plaques and hemispheric

symptoms. Griffin MB, Kyriacou E, Pattichis C, Bond D, Kakkos SK, Sabetai M, Geroulakos G, Georgiou N, Doré CJ, Nicolaides A. *J Vasc Surg.* 2010 Jul;52(1):69-76. Erratum in: *J Vasc Surg.* 2010 Nov;52(5):1430.

8. Plaque area at carotid and common femoral bifurcations and prevalence of clinical cardiovascular disease. Griffin M, Nicolaides A, Tyllis T, Georgiou N, Martin RM, Bond D, Panayiotou A, Tziakouri Ch, Dore CJ, Fessas CH. *Int Angiol.* 2010 Jun;29(3):216-25.

9. Leukocyte telomere length is associated with measures of subclinical atherosclerosis. Panayiotou AG, Nicolaides AN, Griffin M, Tyllis T, Georgiou N, Bond D, Martin RM, Hoppensteadt D, Fareed J, Humphries SE. *Atherosclerosis.* 2010 Jul;211(1):176-81. Epub 2010 Feb 4.

10. Carotid and femoral arterial wall changes and the prevalence of clinical cardiovascular disease. Griffin M, Nicolaides A, Tyllis T, Georgiou N, Martin RM, Bond D, Panayiotou A, Tziakouri C, Doré CJ, Fessas C.

11. Serum total homocysteine, folate, 5,10-methylenetetrahydrofolate reductase (MTHFR) 677C→T genotype and subclinical atherosclerosis. Panayiotou A, Nicolaides A, Griffin M, Tyllis T, Georgiou N, Martin RM, Bond D, Tziakouri-Shiakalli C, Fessas C, Deltas C. *Expert Opin Ther Targets.* 2009 Jan;13(1):1-11.

12. ApoB/ApoA1 ratio and subclinical atherosclerosis. Panayiotou A, Griffin M, Georgiou N, Bond D, Tyllis T, Tziakouri-Shiakalli C, Fessas C, Nicolaides A. *Int Angiol.* 2008 Feb;27(1):74-80.

13. Management of chronic venous disorders of the lower limbs: guidelines according to scientific evidence. Nicolaides AN, Allegra C, Bergan J, Bradbury A, Cairois M, Carpentier P, Comerota A, Delis C, Eklof B, Fassiadis N, Georgiou N, Geroulakos G, Hoffmann U, Jantet G, Jawien A, Kakkos S, Kalodiki E, Labropoulos N, Neglen P, Pappas P, Partsch H, Perrin M, Rabe E, Ramelet AA, Vayssaira M, Ioannidou E, Taft A. *Int Angiol.* 2008 Feb;27(1):1-59.

14. Associations of insulin-like growth factor (IGF)-I, IGF-II, IGF binding protein (IGFBP)-2 and IGFBP-3 with ultrasound measures of atherosclerosis and plaque stability in an older adult population. Martin RM, Gunnell D, Whitley E, Nicolaides A, Griffin M, Georgiou N, Davey Smith G, Ebrahim S, Holly JM. *J Clin Endocrinol Metab.* 2008 Apr;93(4):1331-8. Epub 2008 Jan 22.

15. Media thickness measurement of the common carotid artery. Loizou CP, Pattichis CS, Pantziaris M, Nicolaides A, Georgiou N, Kyriacou E. *Conf Proc IEEE Eng Med Biol Soc.* 2007;2007:2171-4.

16. Effect of image normalization on carotid plaque classification and the risk of ipsilateral hemispheric ischemic events: results from the asymptomatic carotid stenosis and risk of stroke study. Nicolaides AN, Kakkos SK, Griffin M, Sabetai M, Dhanjil S, Thomas DJ, Geroulakos G, Georgiou N, Francis S, Ioannidou E, Doré CJ; Asymptomatic Carotid Stenosis and Risk of Stroke (ACSRS) Study Group. *Vascular.* 2005 Jul-Aug;13(4):211-21.

17. Factors associated with mortality in patients with asymptomatic carotid stenosis: results from the ACSRS Study. Kakkos SK, Nicolaides A, Griffin M, Sabetai M, Dhanjil S, Thomas DJ, Sonecha T, Salmasi AM, Geroulakos G, Georgiou N, Francis S, Ioannidou E, Dore CJ; Asymptomatic Carotid Stenosis and Risk of Stroke (ACSRS) Study Group. *Int Angiol.* 2005 Sep;24(3):221-30.

18. Severity of asymptomatic carotid stenosis and risk of ipsilateral hemispheric ischaemic events: results from the ACSRS study. Nicolaides AN, Kakkos SK, Griffin M, Sabetai M, Dhanjil S, Tegos T, Thomas DJ, Giannoukas A, Geroulakos G, Georgiou N, Francis S, Ioannidou E, Doré CJ; Asymptomatic Carotid Stenosis and Risk of Stroke (ACSRS) Study Group. *Eur J Vasc Endovasc Surg.* 2005 Sep;30(3):275-84

19. Breastfeeding and atherosclerosis: intima-media thickness and plaques at 65-year follow-up of the Boyd Orr cohort. Martin RM, Ebrahim S, Griffin M, Davey Smith G, Nicolaides AN, Georgiou N, Watson S, Frankel S, Holly JM, Gunnell D. *Arterioscler Thromb Vasc Biol.* 2005 Jul;25(7):1482-8. Epub 2005 May 12.

BOOK CHAPTERS:

- 'Ultrasonic Characterization of Carotid plaques.' *Non Invasive Vascular Diagnosis.* Springer 2007.
- 'Carotid plaque characterization using ultrasound' *The Carotid and Supraortic Trunks: Diagnosis, Angioplasty and Stenting.* 2nd Edition. Blackwell Publishing 2011.