

# CURRICULUM VITAE

After receiving as many distinctions as the amount of years of secondary education, Dr. Karvounis was among the best to be accepted into the **Medical School of Athens, from where he graduated with honours and the 3<sup>rd</sup> best grade.** He received an award from the International Hippocratic Foundation of Kos in 1992, from the rector of the University of Athens, with an **Honorary Graduation Ceremony at the Ancient Asklepion of Kos.** He was a Doctor of the Non Commissioned Officer Army Academy for two academic years in a row. He worked for six years for the fourth Surgery Clinic of **“Evaggelismos” Athens General Hospital.** During that period, he worked and participated in the educational program and the activities of the University Intensive Care Clinic. He received the degree of specialization in Surgery, after an excellent performance in written examination and without any oral exam. He received the **highest possible Scholarship from the Hellenic Surgical Society for postgraduate training in Endocrine Surgery,** at a foreign centre, after evaluation of his resume and taking into account his results following written exams at a national level.

**He worked as a Surgeon in many hospitals in Great Britain,** such as Hammersmith Hospital, Charring Cross Hospital, The Royal London Hospital, St Bart’s Hospital, as well as the private clinics Cromwell Hospital and Clementine Churchill Hospital. He served as a Deputy Director of the Surgical Clinic of Ealing Hospital in London. While he was working as a **Fellow at the Endocrine Surgery Unit, Hammersmith Hospital, Royal Postgraduate Medical School, London, UK,** he received further training and specialised in Endocrine Surgery, next to the distinguished surgeon and charismatic professor Mr John Lynn. It is the UK’s most renowned Centre of Endocrine Surgery in tertiary education, with surgical referrals from patients from England, Scotland, Wales, Commonwealth nations and the

whole of Europe.

He occupied himself with the whole spectrum of Endocrine Surgery, giving emphasis on his special scientific interest, the **minimal invasive surgery** of thyroid and parathyroid glands. He specialised and applies new techniques and methods. He applied the **video-assisted thyroid/parathyroidectomy**. He focused his interest in the radical treatment of malignancies of the thyroid gland, with selective use of portable sonography (**portable US lymph nodes metastasis**), before neck dissection. In his daily surgical practice, he has introduced the use of **radiofrequency ablation, ultracision, ligasure**, for a safe and absolutely accurate and radical dissection, and detachment of the thyroid gland with simultaneous haemostasis. Moreover, with the method of intraoperative **neuromonitoring** he ensures the integrity of the recurrent laryngeal nerves, by minimizing the possibilities of postoperative speech disorder. He gets a second confirmation of the integrity of the vocal cords, by using **video-laryngoscopy** during extubation and waking up the patient.

For him, the method of **intraoperative parathyroid hormone monitoring (intraoperative PTH)** was a work and research subject in England, and he still applies it always in performing absolutely successful "guided" parathyroidectomy with minimally invasive technique, often **under local anaesthesia in external patients**. Finally, he developed and perfected **plastic reconstruction surgery**, without any stitches and with a postoperatively perfect aesthetic result.

He is a **Doctor in Medicine from the Medical School of the National University of Athens**.

He was trained in **Robotic Surgery** (Training program in Da Vinci Surgical Robotic System, IRCAD-EITS, Strasbourg, France, 2008).

**He participated in teaching** students of the Imperial College

of Medicine, University of London, in subjects of Endocrine Surgery during the Clinic of the same name of the Division of Surgery, Hammersmith Hospital. While he was working, he participated in teaching graduate medicine students, of Barts and The London Queen Mary College of Medicine, University of London. He was a health subject instructor for the students of the Non Commissioned Officer Army Academy for two academic years.

**He co-organised the 10th Panhellenic Conference of Endocrine Surgery** and was a speaker in the round table session of the conference, talking about Modern Thyroid Surgery in Greece.

He was trained among top thyroid surgeons in the world, in the **new, revolutionary technique of removing the thyroid through the mouth in the 2<sup>nd</sup> SARC Transoral Endoscopic Thyroidectomy Workshop** (Academy of Medical Research Singapore, 2018).

He has **extensive research work** with active participation in clinics and clinical-laboratory research studies carried out at the Department of Laparoscopic Surgery, Ealing Hospital, London, U.K. Those full studies and/or parts of them, have been published in prominent international medical journals.

He has a broad **written work**, with participation in writing books in the “Developments in Surgery” book series in 1998 and 2000, a multitude of publications in respected medical journals, publications in Greek medical journals and press. Furthermore, his written work ranges from plenty of scientific reports at international and Greek surgical congresses, active participation at scientific seminars, postgraduate programmes, and educational seminars, to surgical symposia in Greece and abroad.

He is a **reviewer** for the medical journal HORMONES – International Journal of Endocrinology and Metabolism, Springer Publishing.

**He was honoured** with the first award from the Educational Committee of the Hellenic Surgical Society after examinations in 2001. **He received an award** for the best scientific work (“Minimally invasive parathyroidectomy under local anaesthesia” E.Karvounis and J.Lynn) in the International Surgical Forum of 2002. A scientific presentation of his work in collaboration with the University of Toledo, Ohio, USA, received the **distinction** “Guided Presidential Poster” at the World Endocrinology Conference ENDO 2019 in America.

He received the **accreditation “Center of Excellence”** (2018), for thyroid and parathyroid Surgery, in Euroclinic Athens, after strict evaluation of an especially large volume of incidents per year, with remarkably low percentage of complications in relation to the international standards.

He is a **holder of ATLS** (Advanced Trauma Life Support) from the American College of Surgeons, Hellenic Chapter, and of **ABLS** (Adult Basic Life Support) from the A&E Department, Ealing Hospital, Imperial College of Medicine, London, UK. He is a member of the British Medical Council, the Hellenic Surgical Society, the Hellenic College of Surgeons, the Hellenic Endocrine Surgery Society, the Association for Endoscopic Surgery, the Hellenic Endocrine Society, the International Hippocratic Foundation, and the American College of Surgeons.

He is married to Mrs Dimitra Vekiari, School Psychologist, Member of the board of Open Psychotherapy Centre, specialist in the Field of Diagnostic Psychology. They have two children.

Today, he works as a **Director Endocrine Surgeon**, in Euroclinic Athens and has a private practice at Vasilissis Sofias avenue in Athens.