

CURRICULUM VITAE
and
SCIENTIFIC WORK

Ioannis Ch. Maroulis

**Assistant Professor of General Surgery
And Transplantation
Medical School of University of Patras**

Patras, June 2013

1. PERSONAL DETAILS

Surname	Maroulis
Name	Ioannis
Date of birth	4 th March 1963
Place of birth	Patras-Achaia
Marital status	Married to Theofania Tsintzou, 1 male child
Military Duty	November 1988 – November 1989
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2. BASIC STUDIES

- Secondary and High School of Mesologgi, Greece
- Medical school of health sciences, Aristoteleio University of Thessaloniki, Medical Degree, Very Well, 1988.

3. POSTGRADUATE STUDIES

1990-1996 Specialty on General Surgery at the Surgical Clinic of University of Patras.

1996 Acquisition of PhD from the Medical school of University of Patras

Subject: << Immune response in major surgical trauma after the administration of cyclooxygenase inhibitors>>.

Performance: << Excellent>>.

4. HOSPITAL AND PROFESSIONAL EXPERIENCE

- Nov 1988 – Nov 1989 Military Duty.
- June 1990 – June 1993 As a medical resident in Surgery and the Surgical Department at the General University Hospital of Patras (GUHP).
- Sept 1993 – Sept 1994 Compulsory Medical Country Duty at the Medical Centre of Achaia.
- Sept 1994 – Sept 1996 Completion of the medical residency in General Surgery at the Surgical Department of University of Patras.
- Nov 1996 – July 1997 Fellow worker at the Surgical Department of GUHP.
- Aug 1997 – Aug 1998 Training in Vascular Surgery, Vascular Fellow at the Royal Liverpool University Hospital (U.K.), Leonardo Da Vinci scholarship.
- Dec 1999 – 2010 Junior Consultant in the Greek Health System, Surgical Department of GUHP.

Oct 2006 – Oct 2007

Instructor licence from the Central Council of Health, training at King's College Hospital – Honorary Hospital Practitioner (London U.K.). Senior Consultant , Surgical Clinic at PGHP.

June 2010 to date

Assistant Professor in General Surgery and Transplantations at the Medical School of University of Patras. I continue training until today in Surgical skills from this post at the Surgical Department of GUHP.

5. FURTHER STUDIES ABROAD- EDUCATIONAL TRIPS

1. Vascular Surgery Department, Vascular Fellow at the Royal Liverpool University Hospital (U.K.) dating from the 1st August 1997 until 1st August 1998.
2. Surgical Department of Hospital Cantonal de Fribourg (Switzerland) from the 14th January until the 19th January 2002, observation and practice on thoracoscopic and laparoscopic surgeries and techniques.
3. King's College Hospital (London U.K.) Honorary Practitioner. Liver Unit: Surgery of the Liver – Biliary trees – Pancreas and Liver transplantation, Endocrine surgery. Training licence by the Central Council of Health from the 1st October 2006 until the 1st October 2007.

6. ATTENDANCE IN POSTGRADUATE SEMINARS

In 1994 I attended and acquired after examination, the **ADVANCED TRAUMA LIFE SUPPORT (ATLS)** certificate which was renewed in 1998 after taking the **ATLS Student Refresher Course**. After that I obtained the title of an **ATLS instructor** after examination on the respective instructor course. In the same year (1998) I attended and obtained a certificate from the Advanced Course: <<**Laparoscopic Cholecystectomy**>> and <<**Laparoscopic Fundoplication**>> at the MASTER Unit of the Royal Liverpool University Hospital. In 1999 after acquisition of the **Pre Hospital Trauma Life Support Course** certificate, I also obtained the **PHTLS instructor** title. From 2003 I also have in my possession after being trained and examined on, a certificate from the “**Definitive Surgical Trauma Care Course**”, **International Association for the Surgery of Trauma and Surgical Intensive Care (IATSIC)**.

7. MEMBERSHIPS IN MEDICAL COUNCILS

1991: British General Medical Council.

1999: Hellenic Surgical Council.

2001: Hellenic council of Endocrine Surgery.

2012: Hellenic council of Trauma and Emergency Surgery.

8. FOCUS ON RESEARCH ACTIVITY AS AN ASSISTANT PROFESSOR

I)Clinical Research

- Study on cancer stem cells as indicators for the prevision of local relapse or liver metastasis after pancreatectomy due to a pancreatic tumour.
- Study on cancer stem cells as prognostic indicators on local relapse or remote metastasis after a colectomy due to colon and rectal cancer.
- Choledocholithiasis. Factors that are connected with its setback.
- Study on the functional and structural changes of the peritoneum after the effect of lactic and bicarbonate peritoneal clearance solutions.

II)Experimental Research

- Study on the effect of corticosteroids, epithelial growth factors and the normalisation of intestinal flora on the sufficiency of the intestinal mucosal barrier, the systemic inflammatory response and the mortality rate on an experimental model of polymicrobial sepsis on mice.
- Study on the regenerative ability of the liver after partial hepatectomy.

9. DIDACTIC – EDUCATIONAL WORK

As Junior and Senior Consultant at the Surgical Department of University of Patras

In 1998 I became, as I have already mentioned, national instructor for the advanced trauma life support (ATLS) program and in 1999, I obtained title of the national instructor for the pre-hospital trauma life support (PHTLS) program. From 1998 onwards I took part as an instructor for the ATLS, in educational seminars for doctors on how to deal with the patient with multiple injuries. Doctors of all grades and specialties participated from the whole Greece. In that seminar I covered all themed sections and skills.

From 1999 onwards I took part as an instructor for doctors and paramedical staff in PHTLS, during educational seminars on the pre-hospital phase of dealing with a patient with multiple injuries. In that seminar I also covered all themed sections and skills.

Assistant professor of general surgery and transplantations 2010-2013

- I take part in teaching the 5th and 6th year students according to program of the department covering both the theoretical and the practical part during their stay at the surgical department.
- I take part in teaching the 4th year medical students in the module “Trauma”.
- I take part in teaching the 3rd year medical students the “peptic system”.
- I am a senior supervisor in three Ph.D thesis: a) Study on the effect of corticosteroids, epithelial growth factors and the normalisation of intestinal flora on the sufficiency of the intestinal mucosal barrier, the systemic inflammatory response and the mortality rate on an experimental model of polymicrobial sepsis on mice, b) Study on cancer stem cells as indicators for the prevision of local relapse or liver metastasis after pancreatectomy due to a pancreatic tumour, c) Study on cancer stem cells as prognostic indicators on local relapse or remote metastasis after a colectomy due to colon and rectal cancer.

10. Clinical Experience

- After the completion of my specialty in general surgery I continued as a fellow in the surgical department of the university hospital of Patras’.
- Vascular fellow: August 1997-August 1998. After my completion of my specialty on general surgery, I was given a scholarship for a year from the European program “Leonardo Da Vinci”, and so I worked post-educationally as a vascular surgery fellow in the vascular unit in the Royal Liverpool University Hospital, under the guidance of the well known vascular surgeon Mr. P. L. Harris.

I took part in all the activities of the department acquiring great experience in diagnosis, pre-operational preparation and in programmed and emergency vascular operations as well as their post-operational follow up. I was also in the outpatient clinic twice a week. Besides the usual vascular surgery operations and the study of symptomatic carotid stenosis surgery, I took part in a great number of endovascular treatment of abdominal aorta aneurysms. Finally, I gained great experience after studying vascular surgery patients in the vascular laboratory.

- **Junior and senior consultant in the Greek health system 1999-2010:** I worked in the surgical department of the university hospital of Patras since December 1999. From that post I have performed a great number of operations in general surgery. I have dealt with number of multiple injuries patients. Besides the surgery of peptical system, during specialty in general surgery, I emphasized in the surgery of the liver – pancreas – biliary trees as well as in the surgery of thyroid and parathyroid glands and laparoscopic operations. Since 2002, during my practice in the broad spectrum of general surgery, I am an active member of the transplantation team, and engage in kidney transplantation.

After seven years as a consultant in the surgical department, I took an educational leave from the central Greek council of health for a year, (October 2006 – October 2007), so that I can go to a specialised center abroad and be trained in the surgery of liver – biliary trees – pancreas as well as liver transplantations.

- **Liver Unit, King’s College Hospital** (London, U.K.)

Place: Honorary Hospital Practitioner.

The **Liver Unit of King’s College Hospital** is one of the largest and most up to date European units concerning liver-biliary trees-pancreas and liver transplant surgery. Specifically, at this moment it has one of the biggest programs relating to liver transplants in Europe for both adults and pediatric patients.

There, I was trained on everything concerning that part of general surgery, on benign and malignant conditions both in open and laparoscopic operations. I was also trained on all types and techniques of liver transplantations.

Also, during my stay at the Liver Unit at King's College Hospital, I worked with Mr. K.M. Schuller, Consultant of endocrine surgery, and I was mostly trained on malignancies of the thyroid gland, on secondary hyperparathyroidism and laparoscopic adrenalectomy.

- **Assistant Professor** I continued my training on the whole spectrum of General Surgery alone, taking part in the overtime duties of the surgical department and dealing with abdominal trauma and emergency surgery. I perform programmed operations of all severities according to the list of patients from the surgical department, concentrating on the surgery of the liver and the pancreas. In the Surgical Department of the University Hospital of Patras, we cover 1/3 of the month working overtime on receiving and placing transplants for the whole of southern Greece and every day of the month for transplants that come up from the national list. Under these conditions I perform kidney transplantations alone or with my co-workers.

11 Participation in round tables – lectures: 24

12 Participation in organisation of conferences – seminars: 5

13 Honorary distinctions: Member of the scientific council of the General

University of Patras from 2005 to 2007.

14 Writing of chapters in scientific books: 10

15 Scientific papers:

1. The effect of parenteral indomethacin on T-lymphocyte subpopulations and cytokine production in patients under major surgical operations.
2. Early breast cancer detection with localization biopsy of impalpable breast lesions: Correlation of mammographic image to the stage of the disease.
3. Comparison between two fat emulsions: Intralipid 30% v.s. Intralipid 10% in critically ill patients.
4. Simultaneously occurring abdominal aortic aneurysm and invasive transitional cell carcinoma of the bladder and their synchronous management .
5. Primary tamoxifen treatment for elderly women with operable breast cancer.
6. Cranial nerve dysfunction following carotid endarterectomy.
7. Complications of parenteral nutrition at the end of the century. (Review Article)
8. Anaphylactic shock as the only clinical manifestation of hepatic hydatid disease .
9. Digital subtraction angiography and computer assisted image analysis for the evaluation of the antiangiogenetic effect of ionizing radiation on tumor angiogenesis.
10. Unilateral leg edema in a cirrhotic patient with tense ascites.
11. Mini laparotomy cholecystectomy versus laparoscopic cholecystectomy: which way to go?
12. Calciphylaxis : a complication of end – stage renal disease improved by parathyroidectomy.
13. Thrombin effectuates therapeutic arteriogenesis in the rabbit hindlimb ischemia model: a quantitative analysis by computerized in vivo imaging.

14. Thrombin augments therapeutic angiogenesis in the rabbit hindlimb ischemia model: a comparative angiographic and dynamic computer tomography study.
15. Surgery for hepatic hydatidosis: Endoscopic treatment of complications.
16. Effect of Antioxidant Treatments on the Gut-Liver Axis Oxidative Status and Function in Bile Duct-Ligated Rats.
17. Mammary tuberculosis mimicking breast cancer: a case report
18. The prognostic value of frozen section preimplantation graft biopsy in the outcome of renal transplantation.
19. Long-Term Survival of a Patient with a Large Unresectable Hepatocellular Carcinoma: Case Report and Review of the Literature.
20. General Principles of hepatectomy in colorectal liver metastases.
21. Predisposing Factors to the Development of Urinary Tract Infections in Renal Transplant Recipients and the Impact on the Long-Term Graft Function.
22. Multi-modality curative treatment of salivary gland cancer liver metastases with drug-eluting bead chemoembolization radiofrequency ablation, and surgical resection: a case report.
23. MicroRNA profiling in murine liver after partial hepatectomy.
24. Salvage of a Totally Occluded Peritoneal Dialysis Catheter by Laparoscopic Milking.
25. Intestinal mucosal proliferation, apoptosis and oxidative stress in patients with liver cirrhosis.
26. Use of radiofrequency ablation for controlling liver hemorrhage in the emergency setting; report of two cases and review of the literature.

15B Supplements: 10

15C Full Papers in the Greece Medical Press: 7

15D Announcements in International conferences: 11

15E Announcements in National conferences: 47

16 Paper Reports in the Science Citation Index: 117