



## Curriculum vitae

### PERSONAL DATA

Name NICOLAE VERGA

### EDUCATION<sup>1</sup>

#### IMPORTANT FACTS FOR THE CURENT CV

**2003 – in present- Radiotherapy senior doctor** - U.M.F. „CAROL DAVILA” - Oncological Radiotherapy and Medical Imagistics Clinic of the Coltea Hospital

**Febr.2000 - Doctor in sciences, radiotherapy specialty-** U.M.F. „CAROL DAVILA”, Radiology Clinic, Coltea Clinic Hospital, Bucharest

**Nov. 1998 - Doctor in sciences, biochemistry specialty-** U.M.F. „CAROL DAVILA”, Interdisciplinary Research Center, Fundeni Clinic Hospital

**1998 - Radiology senior doctor** - U.M.F. „CAROL DAVILA”, Radiology Clinic, Coltea Clinic Hospital

**1977 - 1983 - General Practitioners** - I.M.F. „CAROL DAVILA”, -Faculty of General Medicine

#### COURSES AND IMPROOVEMENT STAGES IN ONCOLOGYCAL RADIOTHERAPY AND IMAGISTICS

**2014** - Updated Oncology 2014: State of the Art News&Challenging Topics - II<sup>nd</sup> Summer School in Oncology - Bucharest 2014

**2011** - - Radiological Protection in Radiotherapy – The Continuing Medical Education Program - CNCAN Approval 45/2011

**2006** - -The delimitation of the target volumes and modern techniques in radiotherapy - Oncological Institute of Cluj Napoca „Prof. dr. I. Chiricuta ”, U.M.F. „Iuliu Hatieganu” Cluj-Napoca, Romanian Society of Radiotherapy and Medical Oncology

**2003** - - The medical education program continues -Radiological Protection in Radiotherapy- CNCAN Approval 53/2006

**1996** - Updates in Oncology - New methods of diagnosing and treating breast cancer- **Cert. K/6812** Oncologic Institute "Prof. Dr. Al. Trestioreanu" Bucharest

**1999** - Intensive imagistic and spectroscopy MRI course – F. C. R. RO; UMF „Carol Davila”, I. C. S. R. , RO, Universite „Claude Bernard ” Lyon, FRA; Case Western Reserve University - Cleveland , USA; The Institute for Biodiagnostics - Winnipeg, CDN; free University - Amsterdam, ND; Universite „J. Lisfranc”- Saint-Etienne, FRA -

**1996** - External Radiotherapy and Radiotherapy Planning training. - Institute of Cancer “Saint Elisabeth” Bratislava, SVK

**1995** - The applications of radioisotopes and nuclear radiations sources ; Physical aspects of radioisotopes therapy ; **CS2.4 (6.2.3)** - Physical aspects of radiological diagnosis **CS2.2(6.2.1)** - Applications of electrons accelerators, linear and circular in medical therapy. Level II.- CNCAN Approval nr. 92828/18X1995

**1990 May-July** - General Oncology stage, Choo Hospital, Min Iren, Kyoto, Japan

#### OTHER MEDICAL COURSES

**2010** - Course and practical papers of ultrasound, modules 1 and 2 Formation in Ultrasonography Center UMF ”Carol Davila” ; **2008** - Therapy Ultrasound Summer School in Cargese. Corsica, France

**2009** - Certificate of clinical preparation for doctors qualified in HIFU LEVEL C - Cert. nr. **JC-D/D009-001** - University of Medical Sciences, Chongqing, China, Biomedical Engineering; **2009** - CT, MRI and ultrasound Fusion Imaging - General Hospital of Bursto Arsizio, Italia ; **2009** - Radiofrequency and microwave currents ablation - General Hospital of Bursto Arsizio, Italia ; **2009**-

<sup>1</sup> For details, see "ANNEX II - EDUCATION AND TRAINING"

## **VARIA**

2010 - "Auditor in quality domain" cod COR 242303, SR EN ISO 9001:2008 ; 2004-2005 - Consultant in industrial property for: Invention brevets, Marks and geographical indications, industrial drawings and models - cert nr 187/31.01.2005, entered in the National Register with nr 2004-1318 ; 1972 - 1976 - - Boarding School "Costache Negruzzi" Iasi

## **PERSONAL SKILLS**

**Mother tongue** - Romanian

**Known foreign languages**

Auto evaluation	Comprehension		Speaking		Writing
	Listening	Reading	Conversation	Oral speech	Writing
English	B1	B2	B1	B1	B2
French	A2	B1	A2	B1	B1

## **Social Skills**

Good, social, representative, analytical and objective spirit, emphatic.

## **Organizer skills**

Participated at the organization of the clinic's activity (medical, didactical and administrative problems), excellent under pressure organization or in new or urgent situations, experience in rebuilding affected medical and social economical activities. Scientific, social and cultural activities have also been proposed/founded, organized and done

## **Workplace skills**

- **External beam radiotherapy 6-15MeV, after loading brachytherapy HDR Nucletron, Simulix Oncentra, operation, Roentgen therapy 30-300kV, Ablation through radiofrequency and microwaves, HIFU level C qualified doctor.**

- **Medical Imagistics:** conventional radiology, CT, RMN and ultrasonography, fusion, subtraction, 3D contouring - reconstruction, for Radiotherapy Oncological Imagistics, HIFU and ablation through radiofrequency and microwaves.

- **Courses (Radiotherapy and Nuclear Medicine), practical paperwork, seminars, mentoring/tutoring :** radiology and radiotherapy students, radiotherapy residents, radiology and radiotherapy students, master courses for doctors, contest commissions (UMF student admission, PHD admission, promotions of assistants professor, lecturers, department chiefs, radiotherapy and radiology specialists positions, senior doctor position), diploma presentation, scientific, research and inventions paperwork.

- **eLearning, data exploring, medical language standardization;** Request, editing, evaluation, promotion of inventions, marks and geographical indications, industrial drawings and models; -

## **Quality Domain Auditor**

- **Research, simple measurements** in the domain of bioelectromagnetic compatibility, lasers of low power, nanotechnology, interaction between radiation and the matter, dosing of ionized gamma radiations, 90-250MeV protons, 450MeV Carbon Ion - **Researches, combined measurements of ionized / non-ionizing radiation, thermologic / ionized radiation, thermologic / ultrasonology**

## **Computer use skills**

- User and programmer in Microsoft Office; - \ Graphical applications user; - DICOM medical graphical application user ; - Text Mining user, eLearning ; - Subtraction / Fusion radiotherapy applications user, analysis, contouring, simulation, calculus; - statistical applications user ; - scientifically simulation user ; - design software user; - radiotherapy applications user at workplace

## **PROFESSIONAL EXPERIENCE**<sup>3</sup>

<b>Time</b>	<b>01/06/2017 in present</b>
<b>Function</b>	Habilitated Associate Professor,, radiotherapy senior doctor, head of Oncological Radiotherapy and Medical Imagistics Discipline, Coltea Hospital
<b>Name of the employer, Type of activity</b>	„CAROL DAVILA”University of Medicine and Pharmacy (U.M.F.) , - radiotherapy, courses for doctors in radiotherapy training, practical works, seminars, mentoring / tutoring, perfecting courses for doctors, scientific work-papers, researches, inventions
<b>Time</b>	<b>01/10/2014 - 01/06/2017</b>

<sup>2</sup> For details see "ANNEX IV. Computer skills"

<sup>3</sup> For details see " ANNEX I. PROFESSIONAL EXPERIENCE"

<b>Function</b>	Associate Professor, coordinator for specialist doctor in training (oncological radiotherapy), radiotherapy senior doctor, head of Oncological Radiotherapy and Medical Imagistics Discipline, Coltea Hospital
<b>Name of the employer , Type of activity</b>	„CAROL DAVILA”U.M.F. - radiotherapy, courses for doctors in radiotherapy training, practical works, seminars, mentoring / tutoring, perfecting courses for doctors, scientific work-papers, researches, inventions
<b>Time</b>	<b>03/10/2005 - 01/10/2014</b>
<b>Function</b>	Lecturer, radiotherapy senior doctor
<b>Name of the employer</b>	U.M.F. „CAROL DAVILA”, Oncological Radiotherapy and Medical Imagistics Discipline, Coltea Hospital
<b>Type of activity</b>	- radiotherapy, courses for doctors in radiotherapy training, practical works, seminars, mentoring / tutoring, perfecting courses for doctors, scientific work-papers, researches, inventions
<b>Time</b>	<b>Nov 1996 – Oct. 2005</b>
<b>Function</b>	Assistant Professor, radiotherapy doctor
<b>Name of the employer</b>	U.M.F. „CAROL DAVILA”, Oncological Radiotherapy and Medical Imagistics Discipline, Coltea Hospital
<b>Type of activity</b>	- radiotherapy, practical works, seminars, mentoring/tutoring doctors, perfecting courses for doctors, contest commissions(university students admission, doctoral admission, promotions : assistant professors, lecturers, chief of department, radiotherapy and radiology specialists positions, senior doctor position), diploma paper mentor, scientific work-papers, research and invention works)
<b>Time</b>	<b>1991 - 1996</b>
<b>Function</b>	Radiology Assistant Professor
<b>Name of the employer</b>	U.M.F. „CAROL DAVILA”, Oncological Radiotherapy and Medical Imagistics Discipline, Coltea Hospital
<b>Type of the activity</b>	- practical radiology for students, perfecting courses for doctors, nuclear medicine lectures , contest commissions(students admission, doctoral admission, promotions : assistant professors, lecturers, chief of department, radiotherapy and radiology specialists positions, senior doctor position), diploma paper mentor, scientific work-papers, research and invention works)

#### **MEDICAL AND DIDACTICAL ACTIVITY DONE IN OTHER INSTITUTIONS**

**2009-2010** - HIFU specialist doctor, ultrasonography examination, MD; **2002** - University Lecturer, radiotherapy doctor, Bucharest University, Physics Faculty; **2000** - Assistant Professor, radiotherapy doctor; **1988 - 1991** - General practitioner level 2; **Jan.1984 - dec.1988** - General medicine doctor;

#### **OTHER RESEARCH, INVENTIC AND QUALITY ENSURANCE ACTIVITIES**

**2010** - Auditor in the health domain cod COR 242303, SR EN ISO 9001:2008; **2005-2009** - " Bioelectromagnetic compatibility" Lab chief, II<sup>nd</sup> Senior Researcher ; **2004-2005** Consultant in industrial property for: Invention brevets, Marks and geographical indications, industrial drawings and models - cert nr 187/31.01.2005. ; **2002-2009** - II<sup>nd</sup> Senior Researcher.

#### **PARTICIPATION TO RESEARCH PROJECTS**

**Grant/international project – director/responsible - 6**

**Grant/international project – member of the research team - 3**

**Grant/national project – director/responsible - 13**

**Grant/national project – member of the research team - 2**

**Education and continous formation projects –member** - Distance Learning Project- Training Course in Central Eastern Europe and Mediterranean Countries On Telemedicine - Technologies and Applications - Data Management in Telemedicine, - UNESCO, EUROPEAN SPACE AGENTIE, PADOVA RICHERCHE - ROME, ITALY - June 2004

**International Clinical studies - principal investigator** - An open, multicenter comparative study of the efficacy, safety and tolerance of fluconazole or itraconazole in the treatment of cancer patients with oropharyngeal candidiasis - EORTC Center 6051

#### **PUBLICATIONS<sup>4</sup>**

**Books and chapters in books of speciality with foreign publishers - 1**

**Treatise in national publications– coordinator - 2**

**Monograph /other books in national publications– only author or principal-author - - 2**

<sup>4</sup> For details see "ANEX V Publications"

**Articles published in journals rated by ISI Thomson Reuters (with impact factor) in journals and volumes of scientific events indexed in other BDI or in national journals recognized by CNCISIS**

ISI Thomson Reuters (with impact factor) - - 34

International data base (BDI) - - 6

CNCISIS (at least B category) - - 3

**Published studies in summary in journals and volumes of scientific events with ISBN/ISSN**

Journals/volumes of scientific events with ISBN/ISSN- 14

**Conference presentations**

Presentations invited at international science conferences - 37

Presentations invited at national science conferences - - 29

Member of the organization committee at international science conferences - - 6

Participation at science conferences as a listener, no presentations- - - 5

**Invention Patents**

1) - INVENTION PATENT 00122439/ A61K 49/10 - Magnetic Nanocomposed material and way of obtaining it - Neamțu Jenica, RO; Kappel Wilhelm, RO; Georgescu Gabriela, RO; Verga Nicolae, RO; Jitaru Ioana, RO; Iovu Horia, RO; Malaeru Teodora, RO

2) - INVENTION PATENT R0119765B1, Way of different Diagnosis between malign tumoral tissues and the other normal and pathological - Verga Nicolae, RO;

3) - INVENTION PATENT R0118932B1 Electromagnetically vehiculation procedure and installation targeted on a cellular tropism substance - Verga Nicolae, RO;

4) - INVENTION PATENT R0118847B1 - Installation and method for irradiation with ionized radiations in pulsed electric field - Verga Nicolae, RO;

5) - INVENTION PATENT 00107538 / A61B 6/00 - Method and radiological installation, of structural qualitative of living matter analysis - Pană Ion, RO; Verga Nicolae, RO; Gherghescu Gh. Gheorghe Gabriel, RO

**PRIZES, OTHER ELEMENTS OF SCIENTIFICAL CONTRIBUTION RECOGNITION**

**International prizes/distinctions**

2007 – Participation Diploma- "European Research and Innovation" Exposition – Paris, 7-9 June 2007

**National prizes/distinctions**

2013 - Diploma for excellence offered as a recognition by The National Association for Patient Protection

2008 - Diploma for excellence and the silver medal– International Exposition of Inventions „PRO INVENT” ED. VI-a, Cluj-Napoca

**Citations in ISI and BDI journals**

Citations (183) Hirsch 6