

PERSONAL INFORMATION

Mihai CRAIU

PREFERRED JOB

Medical doctor

WORK EXPERIENCE

-
- 15 Nov 2010–2 May 2012 **coordinator of Paediatric Clinic**
Medlife Paediatric Hospital
7-8, Zagazului street, 014261 Bucharest (Romania)
outpatient evaluation, grand rounds and clinical activities (patient diagnosis and treatment, second opinion for difficult cases), coordination of paediatric clinic
Business or sector medical
- 10 Oct 2011–Present **head of Second Paediatric Clinic**
Carol Davila Medical School
8, Eroilor Sanitari avenue, 050474 Bucharest (Romania)
clinic activities management, lectures for medical students [romanian and english modules], practical module in pediatric emergencies, Pediatric Advanced Life Support training, residents coordination in Emergency Department
Business or sector medical teaching
- 7 Jun 2007–31 Jul 2015 **head of Emergency Department**
Alfred Rusescu Children's Hospital, Institute for Mother and Child Care, since 2017
National Institute for Mother and Child Health Alessandrescu Rusescu
120, Lacul Tei avenue, 020395 Bucharest (Romania)
emergency Department management, patient care and triage, critical-patient transport issues, residents supervision and training, medical supplies and equipment management
Business or sector medical
- 1 Jan 1999–6 Jun 2007 **consultant in Paediatrics, Intensive Care Unit**
Alfred Rusescu Children's Hospital, Institute for Mother and Child Care
120, Lacul Tei avenue, 020395 Bucharest (Romania)
patient care [treatment and diagnosis], medical research
Business or sector medical
- 11 Feb 2000–30 Nov 2012 **Lecturer in Paediatrics**
Carol Davila Medical School
8, Eroilor Sanitari avenue, 050474 Bucharest (Romania)
teaching and research
Business or sector teaching

1 Dec 2012–Present **Associate professor**
 Carol Davila Medical School, Bucharest (Romania)
 clinic activities management, lectures for medical students [Romanian and English modules during pediatrics rotation - during the 5th year of studies in our University], practical module in pediatric emergencies, Pediatric Basic and Advanced Life Support training, residents coordination in Emergency Department and clinic, respiratory diseases research [clinical studies], coordinator of respiratory diseases and asthma outpatient clinic.
 80% of my current activities are patient care and clinical teaching oriented and 20% research

1 Aug 2015–1 Feb 2017 **Coordinator of Respiratory Diseases department**
 INSMC, Bucharest (Romania)
 Evaluation for diagnosis and treatment of children admitted with respiratory conditions in a high dependency unit, non-ICU. Teaching of 5th year medical students during clinical rotation in pediatrics. Hands-on training of residents. Research activities (clinical trials), inter-disciplinary consultations, simulation programs. Development and update of SOP's [standard operating procedure] for patients admitted with respiratory diseases. Nurses training and supervision.

EDUCATION AND TRAINING

1 May 1999–21 Feb 2005 **PhD Thesis** ISCED 8 - 844
 Carol Davila Medical School, Bucharest (Romania)
 "Intraosseous infusion in pediatric resuscitation" / Thesis in Pediatric Emergency Medicine - new tool for fluid resuscitation during pediatric cardio-pulmonary arrest.

1 Dec 1989–1 Jun 1994 **Specialist in Paediatrics** ISCED 7 - 758
 Carol Davila Medical School
 8, Eroilor Sanitari avenue, 050474 Bucharest (Romania)
 residency in Paediatrics

15 Sep 1983–15 Sep 1989 **medical doctor MD** ISCED 7 - 746
 Carol Davila Medical School
 8, Eroilor Sanitari avenue, 050474 Bucharest (Romania)
 medicine - paediatrics

PERSONAL SKILLS

Mother tongue(s) **Romanian**

Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C1	C1	C1	C1
French	B2	B1	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
[Common European Framework of Reference for Languages](http://www.cedefop.europa.eu/en/files/quest_doc/CEFR.pdf)

Communication skills For almost 30 years I have been working efficiently as part of various medical teams [in Emergency Department, Intensive Care Unit, etc]. Twice [in 1994 and 2000] I was visiting physician abroad for a short period: first time 3 months at Wilhelmina Kinderziekenhuis Utrecht, The Netherlands and second time 2 months at Kosair Children's Hospital in Louisville, Kentucky, USA. I had a highly appreciated activity during my stay in both hospitals according to recommendation letters received.
 In Romania my communication skills and professional performances were commended by two National societies where I was appointed as board member: National Society of Pediatrics since 2013

(member of national council of SRPed) and National Society of Pediatric Respiratory Diseases since 2010 (reelected 2014).

I am founder of a Social Media educational project ("Spitalul Virtual de Copii") that has more than 157.000 followers, both parents and physicians. The impact of this project in changing landscape of communication and medical education, in Romanian language, was recognized by Special prize of the jury at COPAC 2017 Gala (National Medical Communication contest), by the 7th European Communication Contest (Vaccines Champions 2018) and by WHO-Europe bureau, in Vaccine Heroes 2019 event.

Organisational / managerial skills	<p>I was appointed in 2007 as head of the new Emergency Department of IMCC Alfred Rusescu (actual National Institute for Mother and Child Health Alessandrescu-Rusescu). I have "built" an emergency team, by selecting and training a complex group of nurses and physicians [general pediatricians] that had to respond to emergencies and resuscitation scenarios. In these last ten years we were able to manage more than 250 thousand children presented in our department. It was possible by implementing triage tools like Pediatric Assessment Triangle and Clinical Scoring Scales. This was one of the most important contributors in increasing occupancy and decreasing length-of-stay in our hospital. As recognition of my leadership skills I was offered the position of head of the pediatric clinic in the first pediatric private hospital [Life Memorial Hospital] in Bucharest in 2010. Here I had to elaborate a strategic approach and define the target-population of potential patients, to train nurses [good specialists but with completely different background] and physicians in the unique approach of the private-insured patient. After achieving all performance criteria and targets in my contract I returned to teaching and research in INSMC Alessandrescu Rusescu as head of the second pediatric clinic and chief of Emergency Department. I am still providing respiratory expertise and research for a private institution in Regina Maria Social Foundation. Between August 2015 and February 2017 I was appointed head of the Respiratory Unit of INSMC [30 beds department]. Here I built a functional team that achieved CoNAS accreditation under my leadership. After achieving this goal I returned in Emergency Department of INSMC.</p>
Job-related skills	<p>Because of my surgical training I was able to achieve the PALS [Pediatric Advanced Life Support] instructor status in 1999 under the guidance of Prof George Rodgers from Kosair Children's Hospital and University of Louisville, Kentucky and retrained at Erasmus University Bruxelles under prof Florence Otte in 2007.</p> <p>During these 15 years of PALS teaching I reached a proficiency level for all procedures related to pediatric resuscitation. During CIMU 2014 [First National Congress on Multiple Specialty Approach on Emergencies] I was appointed moderator of a pediatric section [Critical pediatric patient, section II].</p> <p>During my PhD Thesis in Emergency Medicine I was able to develop a new [for Romania] tool in vascular access via intra-osseous cannulation.</p> <p>Excellent coordination skills and team-leadership capabilities were major ingredients of building from scratch the Emergency Department team of my hospital [Alfred Rusescu Children's Hospital - Institute for Mother and Child Care, Bucharest Romania, actual INSMC Alessandrescu Rusescu]. This team is able to provide triage for 35 000 cases and treatment for 24 000 pediatric out-patients, each year.</p>
Digital skills	<p>Good command of Microsoft Office tools and basic knowledge graphic design applications (PhotoShop).</p>
Other skills	<p>My hobbies are photography, trekking and classical music (symphonic and opera). During my elementary school training I have graduated the fine arts school (main field of interest painting and drawing). I am an excellent sketcher and my lectures are of a great impact because of my drawings and charts.</p>
Driving licence	<p>B</p>

ADDITIONAL INFORMATION

More than 80 publications [41 journal papers and many chapters in medical textbooks], 125 citations, h-index 5]

Publications [internationally indexed]:

1. Sajin M, Craiu M, Iordachescu M, Stanescu A, Sajin AM - Evaluation of T-lymphocyte subtypes in the diagnostic of coeliac disease. Romanian Journal of Morphology and Embriology, vol XLV 1999-

2004;45:119-125. Indexed PubMed PMID 15847385

2. Craiu M, Stan I, Cernatescu I, Sajin M, Georgescu A, Avram P - Pneumocystis pneumonia in infants. *Pneumologia* 2005;54(3):158-162. Indexed PubMed PMID 16536025
3. Craiu D, Avram P, Craiu M, Cochino AV, Minciu I, Tarta-Arsene O, Butoianu N, Burloiu C, Iliescu C, Magureanu S – Measles and Subacute Sclerosing Panencephalitis (SSPE) in the Last 18 Years in Romania, Diagnosis and Treatment in Pediatric Neurology, 2008;5:23-28. Indexed ISI Thomson Web of Knowledge (Full Record) ISBN 978-88-7587-443-8.
4. Tecu C, Mihai ME, Alexandrescu VI, Orasanu D, Zapucioiu C, Matei D, Craiu M, Cochino AV. - The adenoviral infections in children admitted to hospital with pneumonia, acute bronchiolitis or respiratory viral infections. *Roum Arch Microbiol Immunol* 2012 Jan-Mar;71(1):24-8. PMID:22838216
5. Versporten A, Sharland M, Bieliki J, Drapier N, Vankerckhoven V, Goosens H, ARPEC Project Group members -The antibiotic resistance and prescribing in European Children project: a neonatal and pediatric antimicrobial web-based point prevalence survey in 73 hospitals worldwide. *Pediatr Infect Dis J*. 2013 Jun ;32(6):e242-53. doi: 10.1097/INF.0b013e318286c612. PMID:23838740
6. Stan VI, Comanici V, Matei D, Craiu M - The general practitioner's role in management of patients with cystic fibrosis. *Pneumologia* 2013 Jul-Sep;62(3):161-5. PMID:24274000
7. Craiu M, Stan IV - Features of severe asthma in young children from Romania. *Pneumologia* 2014 Jan-Mar;63(1):44-7. PMID: 24800595
8. Craiu D, Kaler S, Craiu M - Role of optic microscopy for early diagnosis of Menkes disease. *Rom J Morphol Embryol*. 2014 ;55(3):953-6. PMID:25329126
9. Craiu D, Dragostin O, Dica A, Hoffman-Zacharska D, Gos M, Bastian AE, Gherghiceanu M, Rolfs A, Nahavandi N, Craiu M, Iliescu C - Rett-like onset in late-infantile neuronal ceroid lipofuscinosis (CLN7) caused by compound heterozygous mutation in the MFSD8 gene and review of the literature data on clinical onset signs. *Eur J Paediatr Neurol*. 2015 Jan ;19(1):78-86. doi: 10.1016/j.ejpn.2014.07.008. Epub 2014 Aug 7 .
10. Fruchtman Y, Segew RW, Golan AA, Dalem Y, Tailakh MA, Novak V, Peled N, Craiu M, Leibovitz E - Epidemiological, diagnostic, clinical, and therapeutic aspects of Brucella bacteremia in children in southern Israel: a 7-year retrospective study (2005-2011). *Vector Borne Zoonotic Dis*. 2015 Mar ; 15(3):195-201. doi: 10.1089/vbz.2014.1726.

Other papers published in romanian journals:

1. Gherghina I, Matei D, Cinteza E, Craiu M, Cochino AV, Covacescu M, Damian D, Cana D, Leu D. - Rotaviral gastroenteritis in infants and small children. *MAEDICA A Journal of Clinical Medicine* 2009;4(4):320-5
2. Craiu M, Cochino AV, Olariu C, Gherghina I. – Strategii de corectie a tulburarilor hidroelectrolitice in bolile diareice cu deshidratare in patologia pediatrica. *Ro Med J* 2009;56(3):179-85.
3. Craiu M, Iordachescu M, Cochino AV, Avram P, Stan I, Predescu D – Elemente de Resuscitare Pediatrica. *Medic.ro* 2009; 10(60); 64-73.
4. Cochino AV, Stan I, Avram P, Iordachescu M, Predescu D, Craiu M –Resuscitarea nou-nascutului in afara salii de nastere. *Pediatru.ro* 2009; 5(14): 16-21.
5. Craiu M – Particularitati ale abordarii copilului cu tuse cronica. *Pediatru.ro* 2010; 6(18): 22-25.
6. Craiu M, Avram P, Stan I, Cochino AV, Iordachescu M, Predescu D. – Particularitati pediatrice in tehnica de control avansat a caili aeriene. *Pediatru.ro* 2011; 6(19): 42-55.
7. Craiu M, Gherghina I. - Tratatamentul deshidratarii acute la copilul cu gastroenterita. *Ro J Pediatr* 2013;62(1):43-57
8. Stan VI, Comanici VD, Craiu M, Vasile AM, Leu DC, Cana D, Ardeleanu I - Pulmonary exacerbations in cystic fibrosis patients. *Pediatru.ro* 2013;30(2):12-7.
9. Popescu C, Craiu M - Utilitatea masurarii FeNO in monitorizarea copiilor cu astm bronsic. *Ro J Pediatr* 2014;62(2):204-9.
10. Craiu M, Stan IV, Cochino AV - Intraosseous access, classical method for vascular access regains an important role as resuscitation tool. *Ro J Pediatr* 2014;63(3):233-7.
11. Craiu M - Allergic rhinitis and sleep disorders - a correlation that has to be acknowledged. *Romanian Journal of pediatric Sleep Medicine* 2014;1:70-3.

Research:

1. sub-investigator in MIRVI - Molecular Investigations of Respiratory Viral Infections (romanian - "Investigatii Moleculare ale infectiilor respiratorii acute determinate de virusuri non-gripale, cu evaluarea implicatiilor in patologia sugarului si copilului mic) – PC 42164, Contract al Inst I

Cantacuzino cu Academia de Stiinte Medicale si Ministerul Stiintei si Tehnologiei in colaborare cu IOMC Alfred Rusescu si Spitalul Clinic Central de Copii Grigore Alexandrescu") 2008 - 2011.

2. National coordinator of – IMCI (Integrated Management of Childhood Illness) - under regional bureau of WHO and UNICEF; 2004 - 2007.

3. sub-investigator in ARPEC (Antibiotic Resistance and Prescribing in European Children) – Protocol WP5 – European Neonatal and Paediatric Antimicrobial Point Prevalence Survey 2011 and 2012

Clinical studies [as PI or SI]:

1. Glaxo-Smithkline. A randomised paralell group multicentre study to compare efficacy of Immunisation for HPV in adolescent girls; 2005 - 2006

2. 2006-005928-16 / FLT 3502 The Flair Study: An open randomised paralell group multicentre study to compare the efficacy of Flutiform pMDI vs Seretide in pediatric subjects with mild to moderate asthma. 2007 - 2008

3. 2007-000135-26 / DOS 2 Hexal: Double blind, double dummy, multicenter, randomised paralell group trial to demonstrate therapeutic equivalenceMDI Hexal vs Seretide over a period of 12 weeks in paediatric patients aged 4-11 years with persistent moderate asthma; 2007 - 2008.

4. GSK 110436 (EPI-RV-Romania) Hospital based surveillance to estimate the disease burden of rotavirus gastroenteritis in children < 5 years of age in Romania; 2007 - 2009.

5. MK-0954-337: A Phase III Randomized, Open-Label, Parallel-Group, Dose-Ranging Clinical Trial to Study the Safety and Efficacy of MK-0954/Losartan Potassium in Pediatric Patients with Hypertension; 2009 - 2010.

6. Novartis TBM100C2303/ Tobramycin Inhalation Powder. A Randomized, Double-Blind, Placebo-controlled, Multicenter, Phase III Study in Cystic Fibrosis (CF) Subjects to Assess Efficacy, Safety and Pharmacokinetics of Tobramycin Inhalation Power from a Modified Manufacturing Process (TIPnew); 2009 - 2010.

7. Novartis TBM100C2303/E I Tobramycin Inhalation Powder. A Randomized, Double-Blind, Placebo-controlled, Multicenter, Phase III Study in Cystic Fibrosis (CF) Subjects to Assess Efficacy, Safety and Pharmacokinetics of Tobramycin Inhalation Power from a Modified Manufacturing Process (TIPnew), extension I; 2010 - 2012.

8. Novartis TBM100C2303/E II Tobramycin Inhalation Powder. A Randomized, Double-Blind, Placebo-controlled, Multicenter, Phase III Study in Cystic Fibrosis (CF) Subjects to Assess Efficacy, Safety and Pharmacokinetics of Tobramycin Inhalation Power from a Modified Manufacturing Process (TIPnew), extension II; 2010 - 2012.

9. SMB-NAL-III-09-1. A Phase III, Multi-Center Randomised Placebo-Controlled, Double-Blind Study of inhaled Nacystelyn® in Patients with Cystic Fibrosis; 2010.

10. 2011- 060016 FLT 3506 - A double-blind, double dummy randomised, parallel group, multicentre study to compare the efficacy and safety of Flutiform pMDI with fluticasone pMDI and with Seretide pMDI in paediatric subjects aged 5 to less than 12 years with moderate to severe persistent reversible asthma; 2012.

11. GSK SAS 115358: A 6- month Safety and Benefit Study of Inhaled Fluticasone Propionate/Salmeterol Combination versus Inhaled Fluticazone Propionate in the Treatment of 6200 Pediatric Subjects 4-11 Years Old with Persistent Asthma; PXL#203060, 2012-2015.

12. Boehringer Ingelheim PROTOCOL No. 205.445: Tiotropium in children with moderate persistent asthma (phase III); 2012-2015.

13. Cerexa Study P903-23 A Multicenter, Randomized, Observer-Blinded, Active-Controlled Study to Evaluate the Safety, Tolerability, Efficacy, and Pharmacokinetics of STUDY DRUG Versus Comparator in Pediatric Subjects With Acute Bacterial Skin and Skin Structure Infections 2013

14. Protocol No. CFTY720D2311 : A two-year, double-blind, randomized, multicenter, activecontrolled study to evaluate the safety and efficacy of fingolimod administered orally once daily versus interferon β -1a i.m. once weekly in pediatric patients with multiple sclerosis.

Member of professional organisations:

ERS (European Respiratory Society), ESPID (European Society of Paediatric Infectious Diseases), ATS (American Thoracic Society), ERC (European Resuscitation Council), EAP (European Academy of Paediatrics), EAACI (European Academy of Allergy and Clinical Immunology), SRPed (Romanian Paediatric Society), SRPP (Romanian Society of Respiratory Diseases in Children), SRP (Romanian Society of Respiratory Diseases), SRM (Romanian Society of Microbiology).

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