

## **CURRICULUM VITAE ET STUDIORUM**

### **Alessandro Cianfoni, M.D.**

Assistant Professor of Neuroradiology and Image-guided Spine Procedures

Director Spine Interventional Neuroradiology

Dept. of Radiology

Medical University of South Carolina

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Sep 2010

OBJECTIVE:

**ACTUAL POSITION:**

-Assistant Professor of Neuroradiology, Faculty Attending Physician  
Neuroradiology Section  
Director Spine Interventional Neuroradiology  
Dept. Radiology  
Medical University of South Carolina – Charleston-SC, USA

-Neuroradiology Consultant for TMC-Telemedicine Center – Barcelona - Spain

-Neuroradiology Consultant for Bartalena-Zappi Diagnostic Imaging – Imola - Italy

**PROFESSIONAL COMPETENCIES:**

**NEURORADIOLOGY:**

-Diagnostic  
Brain Diagnostic Morphological and Functional Imaging  
Spine Diagnostic Morphological and Functional Imaging  
Head & Neck Diagnostic Morphological and Functional Imaging  
Peripheral Nervous System Morphological Imaging  
Vascular NeuroImaging  
Vascular Head & Neck Imaging

-Interventional:  
Spine and Paraspinal Image-guided percutaneous interventions  
Head & Neck Image-guided procedures  
Diagnostic Neuro-angiography

**MSK:**

-Diagnostic  
plain films, CT, MR, arthro-MR, ultrasound

-Interventional

Image guided MSK procedures (intra-articular injections, biopsies, percutaneous tumor ablations, bone cement augmentation)

**GENERAL:**

Chest and abdomen plain films

Abdomen ultrasound

Neck ultrasound

Vascular parenchymal and peripheral eco-color-doppler ultrasound

## PRE-MEDICAL EDUCATION

Oct 1985-Jul 1990      **High School** - Liceo Classico "A. Mancinelli"-Velletri (Rome);  
bachelor degree with mark 60/60

## MEDICAL TRAINING

Oct 1990-Oct 1996      **Medical School** at Università Cattolica del Sacro Cuore (UCSC-  
Catholic University of the Sacred Heart)-Rome  
Medical Degree in 1996-10-22: graduated with mark 110/110 *cum*  
*Laude*  
(Grade Average : 28.92/30)

Jul 1993-Aug 1993      **Internship** in Thoracic Surg. and Cardiology, University of Bialistok  
(Poland),  
**I.F.M.S.A.** (International Federation of Medical Student  
Association) Program

Mar 1995-Sept 1995      Internship in Otolaryngology, Dermatology, Neurology and Emergency  
Depts, Centre Hospitalier Universitaire de Nantes (France),  
**ERASMUS** –European Community Program

## MEDICAL LICENSURE and CERTIFICATION

Nov 1997                **Italian Medical Licensure**

Jul 1998                Registration at Rome District Board of Physicians-n°48636

Jul 2002                **ECFMG-USMLE** licensure (step 1, step 2, CSA-clinical skills  
Assessment, TOEFL English test)

Apr 2007                Registration as a specialist in Radiology at General Medical Council  
(GMC) –**United Kingdom**

Sep 2007                Registration as a specialist in Radiology at the **Swedish** Medical  
Registry

- Nov 2007                    **USMLE Step 3** (United States medical License Examination – Unsupervised Medical License)
- April 2009                    **BLS** (Basic Life Support) certification (American Heart Association)
- April 2009                    **ACLS** (Advanced Cardiac Life Support) certification (American Heart Association)
- September 2010            **ABR – American Board of Radiology** Physics test certification
- September 2010            **ABR – American Board of Radiology** Written Clinical Radiology certification

#### POST GRADUATION EXPERIENCE

- Nov 1996-May 1997        **Postgraduate Internship in Internal Medicine and Emergency Depts,**  
 Hopital “St. Vincent”, Faculte Libre-Universite Catholique de Lille (France)
- Jan 1997  
 CONGO                        Medical director of the **humanitarian expedition** to Brazzaville-  
 from Paris
- Jun 1997-Sept 1997        **Postgraduate Clinical Internship,** Università Cattolica del Sacro Cuore, Policlinico “A.Gemelli”, Rome

#### POST MEDICAL EDUCATIONAL TRAINING

- Sept 1997-Nov 2001        **Residency in Radiology**  
 Qualified as top candidate in competition, Università Cattolica del Sacro Cuore, Policlinico “A.Gemelli”, Rome  
 Board certified with thesis on “Destructive Spondyloarthropathy of the cervical spine in long-term hemodialyzed patients: a five-year clinical and radiological prospective study”; grade 50/50 *cum Laude*
- Nov 1999-Nov 2000        **Visiting Fellow at UCSD Radiology Dept. (San Diego-USA),**  
 MRI (body and neuro), CT (body and neuro), Ultrasound,

## Musculoskeletal Radiology

- Jul 2001 Radiologist in the **expert panel** at Case Video-Conference University of California Davis Health System-Sacramento and Università Cattolica del Sacro Cuore-Roma
- Mar 2003 **MRI mini-fellowship**; W.G. Bradley- UCSD-USA
- Oct 2003 **European Master in Neuroradiology** sponsored by ESNR-ECNR (European Society of Neuroradiology); 1<sup>st</sup> course (out of four) on vascular diseases of CNS -passed examination-
- Apr 2004 **European Master in Neuroradiology** sponsored by ESNR-ECNR (European Society of Neuroradiology); 2nd course (out of four) on trauma and degenerative diseases of CNS -passed examination-
- Oct 2004 –Nov 2005 **Clinical Fellowship in neuro-MRI and extra-vascular spine interventional radiology @ UCSD-USA-Dept. of Radiology**-Chairman: Dr. WG Bradley
- Aug 2005-Sep 2005 **Visiting research Fellow** for training in perfusion imaging applied to cerebro-vascular disease and neuro-oncolgy @ UCSF-USA-Neuroradiology Dept.-Director Dr. W Dillon
- Jul 2008-till present Ongoing ABR-**American Board of Radiology** residency certification

## PRACTICE in RADIOLOGY

- Feb-June 2002 **Staff Radiologist in general radiology** dept. at Casa di Cura “Clinica Madonna delle Grazie”-Velletri (Rome-Italy)
- June 2002-Oct 2004 **Staff Radiologist at Neuroradiology** section of Radiology Dept. at Università Cattolica del Sacro Cuore-Policlinico Gemelli (Rome-Italy)
- Nov 2004-Nov 2005 **Senior Clinical Fellow neuro-MRI and Spine Interventional procedures @ UCSD-USA**
- Feb 2006- Jul 2008 **Staff Radiologist at Neuroradiology and Spine Procedures** Section of Radiology Dept. at Università Cattolica del Sacro Cuore-Policlinico Gemelli (Rome-Italy)
- Aug 2008 – till present **Assistant Professor – Attending Physician in the Section of Neuroradiology, Director of Spine Interventional Procedures, Dept.**

**Radiology of MUSC** (Medical University of South Carolina – Charleston-SC – USA)

April 2006 - till present **Neuroradiology consultant for Telemedicine Clinic (TMC)-**  
Barcelona-Spain

Jan 2010 – till present **Neuroradiology telemedicine consultant for Diagnostic Imaging**  
**Center Zappi-Bartalena – Imola (Italy)**

## MEMBERSHIPS

-Società Italiana di Radiologia Medica (S.I.R.M.)

-ASSR – American Society of Spine Radiology

-ASNR – American Society of Neuroradiology

-ACR - American College of Radiology

-AINR- Associazione Italiana Neuroradiologia

-Italian Paralympic Committee (CIP)- Athlete and Federal Physician-International functional classifier for wheelchair basketball

## RESEARCH EXPERIENCE and EDITORIAL ACTIVITY

### Peer-reviewed articles:

Cataldi L., CIANFONI A. Infections of the urinary tract in the newborns and infants. *Pediatr Med Chir* 1997 Sep-Oct; 19(5): 319-323. Review

Cataldi L., Mussap M., Fanos V., CIANFONI A., et al.: “Urinary excretion of  $\alpha_1$ -Microglobulin and N-Acetyl- $\beta$ -D-Glucosaminidase (NAG) for the Assessment of Nephrotoxicity in the Neonate”. *Biol. Neonate* 70: 177, 1996.

A CIANFONI, P. Stark: “La lente di rimpicciolimento: utilità di un semplice strumento nella radiologia del torace” (*The minifying lens: utility of a simple tool in chest radiology*). *Radiol Med (Torino)*. 2000 Dec; 100 (6):487-9

T. Tartaglione, A. CIANFONI, F. Molinari , S. Gaudino: “Encefalopatia di Wernicke: ricerca di segni RM in sei casi” (*Wernicke Encephalopathy: MR signs in six patients*). *Neuroradiologia italiana*, 2003 Mag; 89 (5): 122-124

A Leone, A. Cerase, A. CIANFONI et al.: “Spondylolysis at C6 level and associated laminar fracture of C5”. *Rivista di Neuroradiologia*, 17:93-97, 2004

Misciagna S., CIANFONI A. Isolated sopranuclear abducens palsy in contralateral midbrain stroke. Abstract in: “Neurological Sciences” supplement, vol 25, Sept. 2004. pag S161.

Della Marca G, Rubino M, Vollono C, Vasta I, Scarano E, Mariotti P, CIANFONI A, Mennuni GF, Tonali P, Zampino G. Rhythmic tongue movements during sleep: A peculiar parasomnia in Costello syndrome. *Mov Disord*. 2005 Oct 25 [Epub ahead of print]

CIANFONI A, Tartaglione T, Gaudino S, et al. Hippocampal magnetic resonance imaging abnormalities in transient global amnesia. *Arch Neurol*. 2005 Sep;62(9):1468-9.

Nociti V, CIANFONI A, Mirabella M, et al. Clinical characteristics, course and prognosis of spinal multiple sclerosis. *Spinal Cord*. 2005 Jul 5; [Epub ahead of print]

CIANFONI A, Martin MGM, Du J, et al. Artifact simulating subarachnoid and intra-ventricular hemorrhage on single-shot Fast-Spin-Echo Fluid-Attenuated-Inversion-Recovery images caused by head movement: a trap for the unwary. *AJNR Am J Neuroradiol* 27: 843-849. Apr. 2006.

Cadoni G, Agostino S, Scipione S, CIANFONI A. Sudden sensorineural hearing loss as presenting symptom of multiple sclerosis in a 15-year-old girl. *Int J Ped Otorhinolaryngology* 2006 Jun, 1(2):97-99.

Mirabella M, CIANFONI A, Bucci M, et al. Coeliac disease presenting with acute disseminated encephalomyelitis. *Eur J Neurol* 2006 Feb; 13(2):202-203

CIANFONI A, Cha S, Bradley WG, Dillon WP, Wintermark M. Quantitative measurement of blood-brain barrier permeability using perfusion-CT in extra-axial brain tumors. *J Neuroradiol*. 2006 Jun; 33(3):164-168

Tang L, CIANFONI A, Imbesi SG. Diffusion Weighted Imaging Distinguishes Recurrent Epidermoid Neoplasm from Postoperative Arachnoid Cyst in the Lumbosacral Spine. *J Comput assist Tomogr*. 2006 May-Jun; 30(3):507-509

Colosimo C, CIANFONI A, Di Lella GM, Gaudino S. Contrast-enhanced MR imaging of the spine: when, why and how? How to optimize contrast protocols in MR imaging of the spine. *Neuroradiology*. 2006 Apr; 48 suppl 1:18-33

Cadoni G., Agostino S., Scipione S., CIANFONI A. Sudden sensorineural hearing loss as presenting symptom of multiple sclerosis in a 15 year-old girl. *Inter J Ped Otolaryngol* 2006 Jun; Vol 1, Issue 2: 97-99.



Cadoni G, CIANFONI A, Agostino S, et al. Magnetic resonance imaging findings in sudden sensorineural hearing loss. *J Otolaryngol*. 2006 Oct;35(5):310-316

CIANFONI A, Colosimo C, Basile M, Wintermark M, Bonomo L. Brain Perfusion-CT: principles, technique, clinical applications. *Radiol Med*. 2007 Dec 12; [Epub ahead of print]

CIANFONI A, Niku S, Imbesi SG. Metabolite findings in tumefactive demyelinating lesions utilizing short echo time proton magnetic resonance spectroscopy. *AJNR Am J Neuroradiol*. 2007 Feb;28(2):272-7.

Pettorini BL, Massimi L, CIANFONI A, Paternoster G, Tamburini G, Di Rocco C. Thoracic lipomeningocele associated with diastematomyelia, tethered spinal cord, and hydrocephalus. Case report. *J. Neurosurg*. 2007 May;106(5 Suppl):394-7.

CIANFONI A, Basile M, Tartaglione T., Di Lella GM, Piludu F, Colosimo C.: Determining the extent of the infarct Core with an exclusively visual assessment of Perfusion CT cerebral blood volume color-maps. Comparison with delayed DWI images in Patients with arterial recanalization. *The Neuroradiology Journal* 20:57-58,2007.

Fasano A, Ferlazzo Natoli G, CIANFONI A, Ferraro D, Loria G, Bentivoglio AR, Servidei S. Acute necrotizing encephalopathy: a relapsing case in a european adult. *J Neurol Neurosurg Psychiatry*. 2007 Sep 10

Di Lazzaro V, Pilato F, Dileone M, Profice P, Capone F, Ranieri F, Musumeci G, CIANFONI A, Pasqualetti P, Tonali PA. Modulating cortical excitability in acute stroke. A repetitive TMS study. *Clin Neurophysiol*. 2008 Mar;119(3):715-23.

Della Marca G, Vollono C, Bello G, Maviglia R, Montini L, Mazza S, CIANFONI A: Epileptic asystole. *Arch Neurol*. 2008 Jun;65(6):830-831.

Montano N, De Bonis P, Doglietto F, CIANFONI A, Pallini R, Lauriola L, Maira G. Teaching NeuroImage: hemorrhagic ependymoma in the elderly: a rare cause of headache and gait imbalance. *Neurology*. 2008 Jun 3;70(23):e95.

CIANFONI A, Calandrelli R, De Simone M, Meduri A, Wintermark M, Colosimo C: Reduced time of arrival at perfusion-CT in a stroke patient: an in direct sign of a patent foramen ovale. *Neuroradiology*. 2008 Jul;50(7):613-615

CIANFONI A, Wintermark M, Piludu F, D'Alessandris QG, Lauriola L, Visocchi M, Colosimo C. Morphological and functional MR imaging of Lhermitte-Duclos disease with pathology correlate. *J Neuroradiol*. 2008 Aug 8

Montano N, Nucci CG, Doglietto F, CIANFONI A, Lucantoni C, De Bonis P, Tamburrini G, Visocchi M. Teaching NeuroImage: Spontaneous idiopathic spinal subdural hematoma. *Neurology*. 2008 Sep 2;71(10):e27.

Kamath A, Smith WS, Powers WJ, CIANFONI A, Chien JD, Videen T, Lawton MT, Finley B, Dillon WP, Wintermark M. Perfusion CT compared to H<sub>2</sub> (15)O/O (15)O PET in patients with chronic cervical carotid artery occlusion. *Neuroradiology*. 2008 Sep;50(9):745-51.

Miceli G, Conti G, CIANFONI A, Di Giacomo R, Zampetti P, Servidei S. Acute auditory agnosia as the presenting hearing disorder in MELAS. *Neurol Sci*. 2008 Dec;29(6):459-62. Epub 2008 Nov 15.

Vita MG, Batocchi AP, Dittoni S, Losurdo A, CIANFONI A, Stefanini MC, Vollono C, Della Marca G, Mariotti P. Visual hallucinations and pontine demyelination in a child: possible REM dissociation? *J Clin Sleep Med*. 2008 Dec 15;4(6):588-90.

Frisullo G, Patanella AK, Nociti V, CIANFONI A, Iorio R, Bianco A, Marti A, Tonali PA, Batocchi AP. Glioblastoma in multiple sclerosis: a case report. *J Neurooncol*. 2009 Feb 13.

CIANFONI A, Luigetti M, Madia F, Conte A, Savino G, Colosimo C, Tonali PA, Sabatelli M. Teaching NeuroImage: MRI of diabetic lumbar plexopathy treated with local steroid injection. *Neurology*. 2009 Feb 10;72(6):e32-3.

CIANFONI A, Falcone C, Faustini F, Lauriola L, Imbesi S, Della Marca G, Zoli A, Colosimo C. Rheumatoid leptomeningitis: Magnetic Resonance Imaging and pathological findings. A case report. *J Neuroimaging*. 2009 Mar 6.

Luigetti M, De Paulis S, Spinelli P, Sabatelli M, Tonali PA, Colosimo C, CIANFONI A. The Full-Blown Neuroimaging of Wernicke Encephalopathy. *Neurology* 2009;72:e115

Pettorini BL, Novegno F, CIANFONI A, Massimi L, De Bonis P, Esposito G, Caldarelli M, Tamburrini G, Di Rocco C, Giangaspero F, Lauriola L. 5-year-old boy with a clival mass. *Brain Pathol*. 2009 Jul;19(3):523-6.

Della Marca G, Frusciante R, Dittoni S, Vollono C, Buccarella C, Iannaccone E, Rossi M, Scarano E, Pirroni T, CIANFONI A, Mazza S, Tonali PA, Ricci E. Sleep disordered breathing in facioscapulohumeral muscular dystrophy. *J Neurol Sci*. 2009 Jun 4.

CIANFONI A, Cina A, Pravata E, Della Marca G, Vollono C, Maiuro G, Colosimo C. Neurocysticercosis: still life in the brain. *Arch Neurol*. 2009 Oct;66(10):1290-1.

Di Lazzaro V, Profice P, Pilato F, Capone F, Ranieri F, Pasqualetti P, Colosimo C, Pravata E, CIANFONI A, Dileone M. Motor Cortex Plasticity Predicts Recovery in Acute Stroke. *Cereb Cortex*. 2009 Oct 5.

Luigetti M, Marangoni D, Bartoletti S, Sabatelli M, CIANFONI A. Retinal detachment with an unusual shape. *Intern Med*. 2009;48(19):1777-8. Epub 2009 Oct 1.

Luigetti M, CIANFONI A, Conte A, Sabatelli M. Gadolinium enhancement of the lumbar leptomeninges and roots in a case of ALS. *Amyotroph Lateral Scler.* 2009 Nov 25.

Luigetti M, Tommasino A, Bartoletti S, Sabatelli M, CIANFONI A. Proximal basilar artery fenestration with bridging artery appearance. *Acta Neurol Belg.* 2009 Sep;109(3):243.

Mastrangelo S, Arlotta A, Cefalo MG, Maurizi P, CIANFONI A, Riccardi R. Central pontine and extrapontine myelinolysis in a pediatric patient following rapid correction of hypernatremia. *Neuropediatrics.* 2009 Jun;40(3):144-7. Epub 2009 Dec 17.

Della Marca G, Pantanali F, Frusciante R, Scarano E, CIANFONI A, Calò L, Dittoni S, Vollono C, Losurdo A, Testani E, Colicchio S, Gnoni V, Iannaccone E, Farina B, Pirroni T, Tonali PA, Ricci E. Cephalometric findings in facioscapulohumeral muscular dystrophy patients with obstructive sleep apneas. *Sleep Breath.* 2010 Feb 20.

CIANFONI A, da Graca Morais Martin M, Luigetti M, Pettorini BL, Hesselink JR. Spontaneous regression of a midbrain lesion in a patient with chronic transtentorial herniation: is it a pre-syrinx? *J Neurol.* 2010 Feb 6.

Leone A, CIANFONI A, Cerase A, Magarelli N, Bonomo L. Lumbar spondylolysis: a review. *Skeletal Radiol.* 2010 May 4. [Epub ahead of print]

CIANFONI A, Calandrelli R, De Bonis P, Pompucci A, Lauriola L, Colosimo C. Nocardia Brain Abscess mimicking high grade necrotic tumor on perfusion-MRI: a case report. *J Clin Neurosci* 2010 May 18. [Epub ahead of print]

CIANFONI A, Luigetti M, Bradshaw ML, Welsh CT, Edwards J, Glazier S. MRI findings of crossed cerebellar diaschisis in a case of Rasmussen's encephalitis. *J Neurol.* 2010 May 15. [Epub ahead of print]

Mariotti P, Nociti V, CIANFONI A, Stefanini C, De Rose P, Martinelli D, Dittoni S, Vollono C, Batocchi AP, Marca GD. Migraine-Like Headache and Status Migrainosus as Attacks of Multiple Sclerosis in a Child. *Pediatrics.* 2010 Jul 5. [Epub ahead of print]

CIANFONI A, Law M, Re JT, Dubowitz D, Rumboldt Z, Imbesi SG. Time of Echo-Related Pitfalls in MR-Spectroscopy of the Brain. *In press in J Neuroradiol*

Luigetti M, CIANFONI A, Conte A, Colosimo C, Tonali AP, Sabatelli M. Posterior Ischemic Myelopathy associated with cocaine abuse. *In press in J Internal Medicine*

**Non-peer reviewed articles:**

Perrone M., CIANFONI A., Fanos V., Cataldi L.: “Le infezioni delle vie urinarie nel neonato. Modalità di raccolta delle urine per l’urinocoltura: indicazioni e considerazioni pratiche.” (*Urinary infections of the neonate: urine samples collection modality*) *Il Pediatra* XVIII (14): 30-33, 1996

A. Leone, A. Cerase, L. Lauro, A. CIANFONI: “Postoperative Lumbar Spine”. *Rays*, 25,1, 125-136, 2000

S. Gaudino, R.M. Lotito, A. CIANFONI, T. Tartaglione. “Conventional MRI, DWI and MR-Spectroscopy in the study of focal brain lesions”. *RAYs*, 28, 4, 2003, 361-368.

### **Book chapters:**

Cataldi L., CIANFONI A., Perrone M.: “Il reflusso vescico-ureterale in età neonatale” (*Vesicourethral reflux in the neonate*) in L. Cataldi, V. Fanos, U. Simeoni “Nefrologia Neonatale Pratica” (*Practical Neonatal Nephrology*) Lecce, Agorà, 1996, 137-151.

Cataldi L.: CIANFONI A.: - Le infezioni delle vie urinarie del neonato: note di diagnosi e terapia (*Urinary infections in the neonate: essentials on diagnosis and therapy*) in L. Cataldi, V. Fanos, U. Simeoni “Nefros” Lecce, Agorà, 1997, 185-192

Cataldi L., CIANFONI A., “Le uropatie malformative e la diagnostica ecografica pre e postnatale” (*Pre- and post-natal ultrasounds diagnosis in urinary tract malformations*) L. Cataldi, V. Fanos, R. Agostiniani “Ecografia nefrourologica Neonatale” (*Neonatal nephrourological ecography*) Lecce, Agorà, 1997, 19-28.

CIANFONI A. “La gestione degli aspetti fisiologici dell’atleta disabile” (*Managing physiological aspects of the disabled athletes*) in Piras-Carboni “Manuale di Basket in Carrozzina” (*Wheelchair Basketball*), Roma, Marchesi Grafiche Editoriali, 1997, 146-151.

CIANFONI A, Martin M. “Neuroradiology MR Protocols” in Edelman-Hesselink-Zlatkin-Cruez “Clinical magnetic resonance imaging” 3rd ed. Saunders-Elsevier 2006, Appendix Vol. 2, P2-P10

CIANFONI A, Hesselink JR. Editors of the “CNS updates” in Edelman-Hesselink-Zlatkin-Cruez “Clinical magnetic resonance imaging” 3rd ed. Saunders-Elsevier 2006

Moschini M, Canadè A, CIANFONI A. Semeiologia strumentale: Neuroradiologia (*Instrumental semiology: neuroradiology*). In: Macchi G, “Malattie del sistema nervoso” II edition. Edited by Minciocchi D, Gainotti G. Padova, Piccin 2006. cap XIII, 307-357. Vol X of “Trattato di Medicina Interna” edited by Larizza P.

Moschini M, Canadè A, CIANFONI A. Diagnostica neuroradiologica (*neuroradiology diagnosis*). In: Macchi G, "Malattie del sistema nervoso" II edition. Edited by Minciacchi D, Gainotti G. Padova, Piccin 2006. cap XXXIII, 1055-1169. Vol X of "Trattato di Medicina Interna" edited by Larizza P.

Colosimo C, Bucci M, CIANFONI A. "Neuroradiologia delle malattie del sistema extrapiramidale" (*Neuroimaging of extra-pyramidal disorders*). In: Guglielmi G., Schiavon F., Cammarota T. Eds. "Radiologia Geriatrica" (*radiology of elderly*). Springer-Verlag 2006. cap XXXIV, 315-335.

Colosimo C, CIANFONI A, Cadoni G. La diagnostica per immagini nelle vestibulopatie periferiche (*Imaging of vestibular disorders*). In Mora E. Clinica delle Labirintopatie Periferiche. 42° Congresso nazionale Società Italiana di Otorinolaringologia e chirurgia cervicofacciale. 2005.

CIANFONI A, Colosimo C. "Spinal Trauma" in: Problem Solving in Neuroradiology [eds. Law M, Som PM, Naidich T] Saunders, an Elsevier Science Company, In Press

CIANFONI A, Colosimo C. "Head Trauma" in: Problem Solving in Neuroradiology [eds. Law M, Som PM, Naidich T] Saunders, an Elsevier Science Company, In Press

Bonaldi G, CIANFONI A. "Lumbar percutaneous discectomy" in: Interventional Spine Procedures [ed. De Palma R], In press.

Conway W, Gordon L, CIANFONI A. "Imaging of the Head and Neck" in: Clinician's Manual of Oral and Maxillofacial Surgery, IV edition. Kwon PH and Laskin DM eds. In Press

### **Congress abstracts, posters, scientific exhibits:**

A. CIANFONI, M. Mussap, V. Fanos et al.: L'Alfa1-microglobulina urinaria nel neonato pretermine in relazione all'età gestazionale (*Alpha-1 microglobuline urinary excretion in preterm newborn and gestational age*). III Settimana Pediatrica Nazionale, Montecatini Terme, 4-8 ottobre 1997. Riv. Ital. Pediatr. 23(4)

L. Cataldi, V. Rosella, A. CIANFONI e il Gruppo di Studio di Nefrologia Neonatale della Società Italiana di Neonatologia: Diagnosi Ecografica pre e post-natale delle Uropatie Malformative (*Pre- and post-natal ultrasounds diagnosis in urinary tract malformations*) e Dati 1996 da 36 centri nascita italiani. 3° Congresso Nazionale della Società Italiana di Neonatologia. Paestum 14-18 ottobre 1997.

L. Cataldi, V. Rosella, A. CIANFONI e il Gruppo di Studio di Nefrologia Neonatale. Screening ecografico neonatale delle uropatie malformative a cura del gruppo di studio di nefrologia neonatale della s.i.n.: dati preliminari dell'indagine 1996 (*Urinary tract malformations: neonatal*

*ultrasounds screening*). III Settimana Pediatrica Nazionale, Montecatini Terme, 4-8 ottobre 1997.

L. Cataldi, M. Mussap, M. Plebani, A. CIANFONI e il Gruppo di Studio di Nefrologia Neonatale. La Cystatine C serique chez la femme enceinte et le nouveau-ne (*Cystatine-C measurement in pregnant women and newborns*). 3emes Journées francophones de recherche en Neonatologie. Nantes, 12-13 Dic. 1997.

T. Tartaglione, A. CIANFONI, F. Molinari , S. Gaudino. “La trombosi dei seni venosi durali: metodiche diagnostiche a confronto (*dural sinus thrombosis: integrated imaging*)”. Congresso Nazionale di Neuroradiologia, Verona, Maggio 2003

F. Molinari, A. CIANFONI, A. Pedicelli, M. Bucci “L’impiego dell’angio-RM spinale nello studio delle fistole artero-venose durali spinali (*CE-MRA in spinal dural A-V fistulas*)”, Poster- Congresso Nazionale di Radiologia Medica SIRM, Palermo, Maggio 2004

T. Tartaglione, G. Colicchio, A. CIANFONI “ La Risonanza Magnetica nello studio delle epilessie farmacoresistenti (*MR in evaluation of drug-resistant epilepsy*)”, Poster- Congresso Nazionale di Radiologia Medica SIRM, Palermo, Maggio 2004

F. Molinari, A. CIANFONI, A. Pedicelli, M. Bucci “CE-MRA in spinal dural A-V fistulas”, Scientific Exhibit- RSNA 2004-Chicago-USA

Skillicorn B, CIANFONI A, Dubowitz D, Imbesi SG. Clinical pitfalls related to short and long echo time values in cerebral MR spectroscopy. Scientific exhibit. ASNR 2006- San Diego- USA

Colosimo C, CIANFONI A, Di Lella GM, et al. Thalamic mass with multiple cortical and subcortical lesions: recognition of a new presentation of multicentric gliomas in adults. Poster. ASNR 2006- San Diego –USA

Colosimo C, Di Lella GM, CIANFONI A, et al. Leptomeningeal superficial siderosis of the brain following surgical treatment of spontaneous transdural herniation of the spinal cord without dural repair. Poster. ASNR 2006- San Diego -USA

CIANFONI A, Martin MGM, Du J, et al. Artifact simulating subarachnoid and intra-ventricular hemorrhage on single-shot Fast-Spin-Echo Fluid-Attenuated-Inversion-Recovery images caused by head movement: a trap for the unwary. Poster ISMRM 2006 – Seattle – USA

CIANFONI A, Di Lella GM, Tartaro A, Maira G, Bonomo L, Colosimo C. Spontaneous Trans-Dural Herniation of the Spinal Cord: Surgical Reduction without Duroplasty as a Cause of Leptomeningeal Superficial Siderosis of the Brain. Oral communication. SIRM Italian society of medical radiology 2006 – Milan –Italy

CIANFONI A, Colosimo C, Skillicorn B, et al. Modificazioni dello spettro con l’utilizzo di diversi TE nella RM spettroscopica dell’encefalo –cosa sapere per non sbagliare diagnosi-.

*(differences in MRS spectra using different TE values – what to know to make the right diagnosis)* Poster AINR Ass. Ital. Neuroradiologia 2006 –Milano –Italy

CIANFONI A, Cadoni G, Tartaglione T, et al. Studio di risonanza magnetica nelle ipoacusie neuro-sensoriali improvvise: risultati su 54 pazienti consecutivi (*MR study on 54 consecutive patients with sudden sensorineural hearing loss*). Oral communication, AINR Ass. Ital. Neuroradiologia 2006 –Milano –Italy

CIANFONI A, Basile M, Tartaglione T., Di Lella GM, Piludu F, Colosimo C. Determining the extent of the infarct Core with an exclusively visual assessment of Perfusion CT cerebral blood volume color-maps. Comparison with delayed DWI images in Patients with arterial recanalization. Oral communication. AINR Ass. Ital. Neuroradiologia 2007- Bergamo- Italy

Di Lella GM, Pedicelli A, Rollo M, CIANFONI A, Bonomo L, Colosimo C. Multidetector CT Angiography (CTA) in the Assessment of Intracranial Aneurysms: Comparison with 3D Rotational Angiography (3DRA) and Conventional Digital Subtraction Angiography (DSA)—One Year Experience. Scientific exhibit. RSNA radiological society of north America 2006. Chicago - USA

CIANFONI A, Basile M, Tartaglione T., Di Lella GM, Bonomo L, Colosimo C. Determining the extent of the infarct Core with an exclusively visual assessment of Perfusion CT cerebral blood volume color-maps. Comparison with delayed DWI images in Patients with arterial recanalization. Oral communication. – American Society of Neuroradiology. *ASNR Chicago 2007*

CIANFONI A, Basile M, Tartaglione T., Di Lella GM, Piludu F, Colosimo C. Determining the extent of the infarct Core with an exclusively visual assessment of Perfusion CT cerebral blood volume color-maps. Comparison with delayed DWI images in Patients with arterial recanalization. Oral communication. AINR Ass. Ital. Neuroradiologia 2007- Bergamo- Italy

CIANFONI A., Calandrelli R., Servidei S., Tartaglione T., Di Lella G.M., Cerase A., Colosimo C. Multimodal morphological and physiological serial brain MR imaging in MELAS: elements for new and more thorough understanding of this metabolic encephalopathy. Poster. AINR Ass. Ital. Neuroradiologia 2007- Bergamo- Italy

CIANFONI A., Cerase A., Caulo M., Della Marca G., Tartaglione T., Di Lella G.M., Colosimo C. Seizure-induced reversible and non-reversible brain MR signal abnormalities in patients without previous history of epilepsy. Poster. AINR Ass. Ital. Neuroradiologia 2007- Bergamo- Italy

CIANFONI A, Basile M, Tartaglione T., Di Lella GM, Piludu F, Colosimo C. Determining the extent of the infarct Core with an exclusively visual assessment of Perfusion CT cerebral blood

volume color-maps. Comparison with delayed DWI images in Patients with arterial recanalization. Oral communication. ESNR Eur Society Neuroradiol. 2007- Genoa- Italy

CIANFONI A., Calandrelli R., Servidei S., Tartaglione T., Di Lella G.M., Cerase A., Colosimo C. Multimodal morphological and physiological serial brain MR imaging in MELAS: elements for new and more thorough understanding of this metabolic encephalopathy. Poster. ESNR Eur Society Neuroradiol. 2007- Genoa- Italy

CIANFONI A., Cerase A., Caulo M., Della Marca G., Tartaglione T., Di Lella G.M., Colosimo C. Seizure-induced reversible and non-reversible brain MR signal abnormalities. Oral communication. ESNR Eur Society Neuroradiol. 2007- Genoa- Italy

CIANFONI A., Cerase A., Della Marca G, Caulo M., Tartaglione T., Colosimo C. Seizure-induced brain lesions: a wide spectrum of reversible and partially reversible MR abnormalities. Educational exhibit. RSNA, Radiol Society of North America. 2007 Chicago - USA

A Kamath, A CIANFONI; W J Powers, W P Dillon, T Videen, M Wintermark, et al. Perfusion-CT Compared to H215O/15O2 PET in Patients with Chronic Carotid Occlusive Disease Oral scientific paper. RSNA, Radiol Society of North America. 2007 Chicago - USA

*SIRM 2008 beyond acoustic neuroma*

*SIRM 2008 epilepsy*

*SIRM 2008 CT perf*

*SIRM 2008 stroke MR vs CT*

CIANFONI A., Cerase A., Caulo M., Della Marca G., Colosimo C. Seizure-induced reversible and non-reversible brain MR signal abnormalities. Oral communication. ASNR American Society Neuroradiol. 2009- Vancouver - Canada

Spampinato MV, Sterzik A, Rumboldt Z, CIANFONI A, Huda W "Thyroid cancer risks during CT perfusion studies of the neck" scientific exhibit, ASNR May 2009 Vancouver - Canada

CIANFONI A, Pravata' E, Plantone D, Pilato F, Colosimo C, Di Lazzaro V. "Acute Stroke and Electrocardiographic Abnormalities, a Brain Lesion Localization Study". scientific exhibit, ASNR May 2009 Vancouver – Canada

CIANFONI A, Zapton DT, Rumboldt Z, Lunghi S, Bonaldi G "Combining-Comparing Fluoroscopic and 2D-3D CT Images for Spine Procedures Guidance". Poster, ESNR Sept. 2009 Athens – Greece

CIANFONI A, Zapton DT, Rumboldt Z, Lunghi S, Bonaldi G "Combining-Comparing Fluoroscopic and 2D-3D CT Images for Spine Procedures Guidance". Educational Exhibit, RSNA Nov. 2009 Chicago



A.Pedicelli, M.Rollo, A.CIANFONI, S.Gaudino, C.Colosimo, L.Bonomo “Interventistica spinale guidata e controllata da unità angiografica rotazionale” (*Spine procedures guided and controlled by rotational angiography unit*) SIRM (*Italian Society Medical Radiology*) May 2010 – Italy

CIANFONI A, Zapton DT, Rumboldt Z, Lunghi S, Bonaldi G “Combining-Comparing Fluoroscopic and 2D-3D CT Images for Spine Procedures Guidance”. Educational Interventional Spine Poster, ASSR Feb 2010, Las Vegas

CIANFONI A, Zapton DT, Tipnis S, Mah E, Huda W. Radiation Exposure Doses to the Operator During CT-guided Interventional Spine Procedures. Scientific abstract Interventional Spine, ASSR Feb 2010, Las Vegas

CIANFONI A, Zapton DT, Tipnis S, Mah E, Huda W. Radiation Exposure Doses to the Operator During Fluoroscopy-guided Interventional Spine Procedures. Scientific abstract Interventional Spine, ASSR Feb 2010, Las Vegas

Zapton DT, CIANFONI A, Tipnis S, Mah E, Huda W. Radiation Exposure Doses to the Operator During CT-guided Interventional Spine Procedures. Scientific Abstract Interventional Spine, ASNR May 2010, Boston

CIANFONI A, Zapton DT, Tipnis S, Mah E, Huda W. Radiation Exposure Doses to the Operator During Fluoroscopy-guided Interventional Spine Procedures. Scientific Abstract Interventional Spine, ASNR May 2010, Boston

CIANFONI A, Zapton DT, Rumboldt Z, Lunghi S, Bonaldi G “Combining-Comparing Fluoroscopic and 2D-3D CT Images for Spine Procedures Guidance”. Educational Interventional Spine Poster, ASNR May 2010, Boston

Proctor C, Colosimo C, Chavis P, Rossi A, Rumboldt Z, Hesselink J, CIANFONI A. “Neuroimaging of Ophthalmoplegia”. Educational Poster, ASNR May 2010, Boston

Z. Rumboldt, S. Tipnis, V. Spampinato, W. Huda, G. Goldsberry, A. CIANFONI. “ Iterative Reconstruction Algorithm for Head CT” Symposium Neuroradiologicum – Bologna Oct 2010

G. Bonaldi, A. CIANFONI. “Posterior Vertebral Arch Cement Augmentation to Prevent Fracture of Spinous Processes after Interspinous Spacer Implant” Symposium Neuroradiologicum – Bologna Oct 2010

## ORAL PRESENTATIONS

“Congenital spinal malformations”, MR in Neuroradiology-advanced course for radiologists- University of Chieti-Italy. 2004-2006

“Brain ischemia and haemorrhage”, MR in Neuroradiology- basic course for radiologists- Catholic University of Rome-Italy. 2004-2006

“Brain metastasis”, MR in Neuroradiology- basic course for radiologists- Catholic University of Rome-Italy. July 2004-2006

“Perfusion Neuroimaging”, Invited speaker for October 2005 meeting of SDRS-San Diego Radiological Society-La Jolla-California-USA

“Perfusion Neuroimaging”, Invited speaker for Grand Rounds of Radiology Dept.-UCSD-USA Nov 2th 2005

“Basic MRI signal in neuroradiology: what is bright on T1 and dark on T2”

“Imaging of Hearing loss”, Course on new technologies for the treatment of hearing loss. Oct. 2006, UCSC-Rome-Italy

“Imaging in a Pediatric Trauma Center”, Course of Perfection in “Pediatric Emergency Medicine” for pediatricians, UCSC-Rome, Oct. 2006.

“Sellar and parasellar Imaging”, MR in Neuroradiology-advanced course for radiologists- University of Chieti-Italy. 2006

“Perfusion Imaging in Neuroradiology” Faculty Speaker at University of California San Diego CME courses (Imaging in Barolo 2006)

“Contrast in Spinal Imaging”, American Society of Spine Radiology – ASSR – Annual Meeting 2007 – Florida –USA

“Non-Glial brain tumors: imaging”, Brain tumors’ imaging – course for radiologists- catholic University of Rome, Italy 2007

“Minimally invasive interventional radiology back-pain management”: Advances in vertebroplasty and back pain management: Symposium. Catholic University of Rome, May 2007

“Imaging of acute stroke: CT versus MR” – Imaging After – Conference of Neuroradiology italian society- SIRM – Maratea – Italy, 2007

“Imaging of subacute head trauma” Course of emergency in neuroradiology -Università Cattolica di Roma e dell’Università degli Studi “G. D’Annunzio” Chieti; Italy, October 2007

“Acute stroke imaging: conventional and advanced techniques” Course of emergency in neuroradiology -Università Cattolica di Roma e dell’Università degli Studi “G. D’Annunzio” Chieti; Italy, October 2007

“Spinal vascular malformations” invited speaker at the 2008 ASSR meeting – Palm Spring – CA

“Brain Tumors” UCSD CME course UTAH-alta 2008

“Cerebrovascular disease imaging” UCSD CME course UTAH-alta 2008

“Perfusion Imaging” UCSD CME course UTAH-alta 2008

“The impact of new MR techniques on acute stroke imaging” Advanced MR course – Trani (BA-Italy); Dec 2007

“Multimodal stroke imaging: a challenge to the rigid time window” Neurometing Siena (Italy), 2008

“Stroke imaging: CT vs MR” Italian Society of Medical Radiology (SIRM), Rome 2008

“Vertebroplasty and Kyphoplasty in neoplastic vertebral fractures”, MUSC – Radiation Oncology grand-rounds, January 2009

“CT in cervical spinal trauma”, American Society of Spine Radiology, Annual Meeting 2009, Orlando-FL – Faculty Speaker

“Minimally invasive image-guided interventional spine procedures” MUSC – grand rounds Neurosciences, 2009

“Radiology of the spine – diagnosis and intervention” 2009 MUSC Sports Medicine Spring Symposium – Charleston

“Neuroradiology of Ophthalmoplegia” invited speaker at ASNR 2009 – Vancouver Canada

“ Brain Vascular Malformations and their Imaging Techniques”, Neurology Residency Program MUSC, June 2009

“Imaging Adult Spine Trauma” invited faculty Speaker at American Society of Spine Radiology 2010 Annual Meeting; Las Vegas Feb 2010

“Perfusion Imaging in Neuroradiology” Faculty Speaker at UCSD Radiology Course in Utah – Snowbird. March 2010

“Imaging of Brain Neoplasms” Faculty Speaker at UCSD Radiology Course in Utah – Snowbird. March 2010

“Spinal Imaging” Faculty Speaker at MUSC Sports Medicine Spring Symposium – Charleston-SC, March 2010

“Minimally Invasive Diagnosis and Management of Back Pain” Faculty Speaker at MUSC Sports Medicine Spring Symposium – Charleston-SC, March 2010

“Imaging of Brain Trauma” Faculty Speaker at MUSC Neurology Residency Program Chairman’s Lectures – Charleston-SC March 2010

“CT-Perfusion: technique, and clinical applications” Faculty Speaker (web-conference) at 2010 Course of Functional Neuroradiology. School of Medicine University of Chieti (Italy), June 2010

“Imaging of Ophthalmoplegia” Invited Speaker at Sep 2010 Multidisciplinary Neurological Symposium (Fondazione Ricerca Oncologia Medica); Ospedali Riuniti di Bergamo (Italy); Sep 2010

“Imaging of Sellar Pathology” Invited Speaker at Sep 2010 Multidisciplinary Neurological Symposium (Fondazione Ricerca Oncologia Medica); Ospedali Riuniti di Bergamo (Italy); Sep 2010

“Post-ictal Imaging of the Brain” Invited Speaker at Neurology Grand Rounds – Medical University South Carolina – Charleston. October 2010

## MODERATIONS

Epilepsy. ESR, March 2008, Wien

Adult Brain: Vascular, Intracranial I. ASNR, May 2009, Vancouver

Adult Brain: Perfusion Brain. ASNR, May 2009, Vancouver

Spine Diagnostic. ESNR-ASSR, Jul 2009, Rome

Adult Brain: Vascular Intracranial I. ASNR, May 2010, Boston

## RESEARCH ACTIVITY in ONGOING TRIALS

Principal Investigator for MUSC site:

**A Multicenter, Randomized, Double-blind, Placebo Controlled, Clinical Trial to Evaluate the Safety, Tolerability and Preliminary Effectiveness of Single Administration Intradiscal rhGDF-5 for the Treatment of Early Stage Lumbar Disc Degeneration.**

Principal Investigator for MUSC site:

**Phase 2 Study of Vertebroplasty and Radiotherapy in Painful or at Risk of Collapse Spinal Metastatic Cancer/Multiple Myeloma**

Co-investigator for MUSC site:

**KAST Vertebral Augmentation Trial**

HONORS and AWARDS

Apr 1997            “A.Sanna” award for a young researcher involved in research on Neonatology

Oct 1997            “Gruppo Normanno di Nefrologia Neonatale” award for research activity in Neonatal Nephrology

Nov 2005-till present    Clinical Professor of Radiology @ University of California San Diego

PERSONAL

Place and date of birth:	Velletri-Rome-Italy, February 17th, 1972
Nationality:	Italian
Sex:	Male
Status:	Married, father of two children
Languages:	English, French, Italian (excellent knowledge: spoken, read, written) Spanish (basic knowledge)
Sports:	Wheelchair Basketball (international competitive level), Wheelchair Tennis (international competitive level), Scuba-diving, Free-diving, Swimming, Skiing
Hobbies:	Travel, Literature, Out-door life

