

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

First Name, Last Name **MARIO MUTO**
Address **57, VIA F. PETRARCA, 80122, NAPLES, ITALY**
Telephone **081 7473838 (hosp)**
Fax **081 7473125**
E-mail mutomar@tiscali.it, mutomar2@gmail.com

Nationality Italian

Date of birth AUGUST 3, 1961

WORK EXPERIENCE

- Dates (from – to) **DECEMBER 27TH, 2001 UP TO DATE**
- Name and address of employer AORN Cardarelli Hospital-9, Via A. Cardarelli - 80131 Naples
- Type of business or sector Diagnostic and Interventional Neuroradiology Unit
- Occupation or position held Chief of the Diagnostic and Interventional Neuroradiology
- Main activities and responsibilities At Neuroradiology Unit of Cardarelli Hospital is performed a diagnostic and therapeutic activity, in emergency too, both endovascular and vertebral using CT and MR (about 30.000 CT examinations per year, among them 20.000 emergency CT annually). In particular an annual activity for therapeutic interventional neuroradiology vascular and vertebral with endovascular treatment of aneurysms, fistulas or brain AVM (80 patients/year), preoperative embolization of neoplasms, intradiscal discolysis with oxygen-ozone, perigangliar infiltration of steroid, dekompressor and Coablation (800 pts/year) vertebroplasty and Kifoplasty (250 pts/year since 2001)

- Dates (from – to) **NOVEMBER 1ST, 1997 UP TO 2001**
- Name and address of employer AORN Cardarelli Hospital-9, Via A. Cardarelli - 80131 Naples
- Type of business or sector Neuroradiology Unit
- Occupation or position held Assistant
- Dates (from – to) **JUNE 18^{HT}, 1990 UP TO 1997**
- Name and address of employer Loreto Nuovo Hospital –Naples
- Type of business or sector Neuroradiology Unit
- Occupation or position held Assistant

EDUCATION AND TRAINING

- Dates (from – to) 2001 April – May ;1991 March – Julyl ; 1987 May to December

- Name and type of organisation providing education and training
 - Title of qualification awarded
 - Dates (from – to)
 - Name and type of organisation providing education and training
 - Principal subjects/occupational skills covered
 - Dates (from – to)
 - Name and type of organisation providing education and training
 - Title of qualification awarded
 - Dates (from – to)
 - Name and type of organisation providing education and training
 - Title of qualification awarded
 - Level in national classification (if appropriate)
 - Dates (from – to)
 - Name and type of organisation providing education and training
 - Title of qualification awarded
 - Level in national classification (if appropriate)
- The Johns Hopkins Hosp – Baltimore USA - Dept. of Neuroradiology
- Training
1996 November – December
Hopital St.Anne – Paris (FRANCE) – Service Neuroradiologie
- Training
1996 April – May
Ospedale S.Maria della Misericordia – Udine – Servizio di Radiologia
- Training
1990 July
Faculty of Medicine and Surgery – Cagliari University
- Specialist in Radiology
70 cum laude/70
- 1985 July
University Federico II – Naples
- Degree in Medicine and Surgery
110 cum laude/110
- European board in Neuroradiology
2012

**PERSONAL SKILLS
AND COMPETENCES**

*Acquired in the course of life
and career but not necessarily
covered by formal certificates
and diplomas.*

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

English

- Reading skills
- Writing skills
- Verbal skills

Excellent
Excellent
Excellent

TECHNICAL SKILLS
AND COMPETENCES

*With computers, specific kinds
of equipment, machinery, etc.*

EXPERTISES ON INTERVENTIONAL NEURORADIOLOGY, VASCULAR AND SPINE,
ACQUIRED DURING STAGING AND TRAINING IN NATIONAL AND INTERNATIONAL
MEETINGS AND STAGE

OTHER SKILLS
AND COMPETENCES

*Competences not mentioned
above.*

2005 -2006 -2007 – 2008- 2009-2010 -2011-2012 NAPLES - SECOND UNIVERSITY
- FACULTY OF MEDICINE AND SURGERY APPOINTED PROFESSOR OF RADIOLOGY,
SCHOOL OF RESIDENCY IN RADIOLOGY(CHIEF PROF. ROTONDO)
1986 – 1987 – 1988 – 2003 -2004-2005 PROFESSOR IN NEURORADIOLOGY AT THE
SCHOOL OF TECHNOLOGISTS IN RADIOLOGY

DRIVING LICENCE(S)

Italian driving car license and boat license

ADDITIONAL INFORMATION

MEMBER OF THE FOLLOWING SOCIETIES:

SIRM SINCE 1985

ITALIAN SOCIETY OF NEURORADIOLOGY SINCE 1993

GUATEMALA SOCIETY OF RADIOLOGY SINCE 1993

EUROPEAN SOCIETY OF NEURORADIOLOGY SINCE 1995

AMERICAN SOCIETY OF NEURORADIOLOGY SINCE 1998

EUROPEAN SOCIETY OF RADIOLOGY SINCE 1999

AMERICAN SOCIETY OF SPINE RADIOLOGY SINCE 2003

ITALIAN SOCIETY OF HOSPITAL NEUROLOGISTS, NEUROSURGEONS AND
NEURORADIOLOGISTS SINCE 2005

RSNA SINCE 2012

ADDITIONAL INFORMATION

MEETINGS ORGANIZATION:

- Advanced Course Interventional Radiology of spine 26-28 September 2002
- 2 Theoric –Practical Course of Interventional Radiology of spine AORN Cardarelli Naples 19-20 November 2003
- Spine and stroke meeting Naples 26-28 April 2006
- Itinerary Course Oxygen – Ozone therapy Naples 29 September 2007
- Annual Meeting of Head and Neck Section SIRM AORN Cardarelli Naples 8-9 November 2007
- Multi-disciplinar Course on brain tumors AORN Cardarelli Naples 22 November 2007
- Stroke and Spine meeting Naples 10-11 november 2008
- Neuroradiologia vascolare Interventistica per patologia aneurismatica. Corso avanzato. Napoli 12-13 ottobre 2009
- Basic and advanced course on endovascular management of intracranial aneurysms. October-nov 2009
- Interventional Course of minimally invasive spine therapies dec 2009
- Neuroradiologia Interventistica Vertebrale 30 nov 1 dic 2009 Napoli
- Advanced course of spine intervention of the ESNR. Naples Sept 2010
- Advanced course on endovascular treatment of the ESNR. Naples May 2010
- Advanced course on endovascular treatment of the ESNR. Naples april 2011
- Advanced course of spine intervention of the ESNR. Naples November 2011
- Advanced course on endovascular treatment od the ESNR. Naples april 2012
- Naples Stroke meeting June 2012
- ASSR-ESNR Spine Joint Meeting Milan 4-7 luglio 2013
- Advanced course on endovascular treatment of the ESNR. Naples may 2013
- Stroke meeting Napoli 2-3 settembre 2013
- MAMMI meeting Napoli 9-10 settembre 2013
- Spine week ESNR Naples 18-21 nov 2014
- Advanced course on endovascular treatment of the ESNR. Naples october 2014
- ESNR Annual meeting Naples 16-20 september 2015
- AINR annual meeting Naples 16-17 september 2015
- Aneurismi cerebrali. Approccio clinic terapeutico neuroradiologico neurochirurgico and workshops. Napoli Centro di Biotecnologie AO Cardarelli 3-4 aprile 2016
- Stroke ischemico. Modelli organizzativi ed assistenziali. Napoli Centro di Biotecnologie 13-14 ottobre 2016

ADDITIONAL INFORMATION

Scientific position

Since 2009 he is Chairman of Spine Section of the European Society of Neuroradiology

In the years 2004 -2006 he has been advisor of Council of Italian Association of Neuroradiology

Since 2002 he is in the Lecture Committee of International Journal of Oxygen Ozone Therapy

Since 2010 up to 2012 President of the Section of Neuroradiology of the Italian Society of Radiology

From 2011 up to 2014 chairman of the section of Neuroradiology of the European Journal of Radiology

From 2011 through 2014 Consigliere (Advisor) Ordine dei Medici di Napoli e Provincia

Member of the neuro subcommittee of the ECR in 2010,2011,2012

Chairman subcommittee neuro ECR 2015

Since 2012 Chair spine intervention ad hoc committee WFITN

Since 2014 reviewer of Ordine Dei Medici e Chirurghi Napoli e Provincia

Chairman Subcommittee Neuroradiology ECR 2015

VICE PRESIDENT ITALIAN ASSOCIATION NEURORADIOLOGY (AINR) SINCE SEPTEMBER 2015

ADDITIONAL INFORMATION**RECENT INVITED SPEAKER TO THE FOLLOWING NATIONAL AND INTERNATIONAL MEETINGS:**

- 1 Diagnostic imaging in brain tumors. Cosenza 2004. Multidisciplinary course in management of glioma.
- 2 Spine intervention: full spectrum. Experimental study on ozone effects of intervertebral disk. India habitat centre, New Delhi 24 aprile 2004
- 3 4° congresso SISS. RM diffusione per fusione nella selezione dei pazienti candidati a trombolisi Napoli 25-27 novembre 2004
- 4 Neuroradiologia e Neurosonologia. Corso teorico pratico ultrasonografia e prevenzione dell'ictus cerebrale ischemico. AORN Cardarelli. Napoli 12-13 marzo 2004.
- 5 La vertebroplastica 41° congresso SIRM Palermo 7-11 maggio 2004
- 6 Osteoporosi dall'imaging alla radiologia interventistica. Casistica e problematiche. Roma 19-20 nov 2004
- 7 Ozonotherapy. 2005 American society of Spine Radiology. Puertorico 23-27 febbraio 2005
- 8 Oxigen-ozone therapy in the herniation of the nucleus pulposus treatment. WFITN Venice 18.22 October 2005
- 9 Kyphoplasty in treatment of traumatic vertebral fractures. WFITN Venice 18.22 October 2005
- 10 Vertebroplasty and Kyphoplasty. National Congress section interventional radiology Naples 22-24 September 2005
- 11 Kyphoplasty in the treatment of acute post-traumatic fractures. Barcellona 15-18 September 2005. ESNR Annual Meeting
- 12 Spine intervention : full spectrum New Delhi 9-10 aprile 2005 . Vertebroplasty
- 13 Corso di aggiornamento: la rivascolarizzazione cerebrale. RM diffusione e per fusione. Napoli 9-10 giugno 2005
- 14 Kyphoplasty in the treatment of acute post-traumatic fractures. XXX ECNR Barcellona 15-18 settembre 2005
- 15 Vertebroplastica e cifoplastica . Congresso nazionale sezione di radiologia interventistica . Napoli 22-24 settembre 2005
- 16 L'ossigeno-ozono terapia nel trattamento delle ernie discali. La cifoplastica nel trattamento delle fratture traumatiche vertebrali. WFITN Venezia 18-22 ottobre 2005
- 17 Cifoplastica e vertebroplastica. Esperienze limiti e prospettive. Stato dell'arte. Milano 4.5 novembre 2005
- 18 Vertebroplasty Bones metastases. Diagnostic route and integrated therapeutic option. Naples 5 December 2006
- 19 Interventional Spine Radiology. Itinerary course AINR Trani 24 -25 November 2006
- 20 Differential Neuroradiological diagnostic of intraparenchymal cerebral hemorrhages (included hemorrhagic infarcts) VI National Congress SISS 23-25 November 2006
- 21 L'ozonotherapie Journée française de radiologie Paris 21-25 October 2006
- 22 Interventional neuroradiology. Metastases of central nervous system Rome 2-4 February 2006. Winter SINch Meeting.
- 23 Neuroradiologia interventistica. Metastasi del sistema nervoso centrale. Roma 2-4 febbraio 2006. Winter SINch Meeting.
- 24 Ozone discolysis. In percutaneous treatment of lumbar disk disease: what (if anything) really works? Chicago RSNA 2007, 23-30 November 2007
- 25 Neuroradiology aspects CT and MR of the anterior cranial fossa. Workshop on basi-cranial. Transcranial approaches to anterior cranial fossa 19-21 November 2007
- 26 Key note lecture: Vascular Interventional Radiology of the area head neck. Naples National Congress section Odonto-stomatology and head neck SIRM 11 November 2007
- 27 Workshop on surgical finding techniques by Imaging. Rome SINCH XXI updating Course for young neuro-surgeons 28 October 2007

- 28 Vertebro – medullary Traumatic pathology. Maratea National Congress Neuroradiology Section SIRM 13 October 2007
- 29 Brain tumors diagnostic. Multidisciplinary residential management course of cerebral glioma Cosenza 4-6 October 2007
- 30 Vertebroplasty in 32 European Congress of Neuroradiology – Genova 21-23 September 2007
- 31 Pathological findings in Animal Study after intradiscal epidural and intraforaminal injection of Oxygen-Ozone. World congress Of Ozone therapy . Pechino 12 September 2007 Beijing
- 32 Etiopathogenesis of vertebrogenic pain and diagnostic problems related Bergamo 23rd National Congress AINR 20-23 June 2007
- 33 Spinal interventional Radiology Itinerary course AINR Nocera Inferiore 18-19 May 2007
- 34 Aspetti Neuroradiologici TC e RM della fossa cranica anteriore. Workshop sul basicranio. Approcci transcranici alla fossa cranica anteriore. Napoli 19-21 nov 2007
- 35 Cutting Edge in Vertebroplasty. Annual meeting American Society Spine Radiology Indian Wells 19-22 febbraio 2008
- 36 Interventional Radiology of the spine. Antalya- Key note lecture 29th national Meeting of the Turkish Society of Radiology 1-4 November 2008
- 37 Epidural and facet joint injection. Antalya- Categorical Course 29th national Meeting of the Turkish Society of Radiology 1-4 November 2008
- 38 Intradiscal treatment of HNP with oxygen-ozonotherapy – Cracow 33rd meeting of European Society of Neuroradiology 18 -21 September 2008
- 39 Spine anatomy and bio –mechanics . Rome – 43 SIRM Congress 22-26 May 2008
- 40 Cutting edge in Vertebroplasty. Report at Annual Meeting American Society Spine Radiology Indian Wells 19-22 February 2008
- 41 Intradiscal ozonotherapy. USA New York -16 AIM Symposium 19-21 November 2008
- 42 New device in spine augmentation .Spine Radiology joint Meeting ESNR – ASSR Roma July 9-11 2009.
- 43 Diagnostic imaging in brain tumors. Cosenza Multidisciplinary course in management of brain tumors 26-28 February 2009
- 44 Medical treatment of osteoporosis. Orlando 13 meeting ASSR– 19-22 February 2009
- 45 ECR Wien 2010, Percutaneous spine treatment
- 46 Congresso Nazionale SIRM 2010. Anatomia e Biomeccanica del rachide.
- 47 ESNR Annual meeting Athens sept 2010. Percutaneous disk treatment
- 48 Degenerative facet joints disease. ESNR Annual meeting Antwerp Sept 2011
- 49 Spine disease treatment. WFTIN Meeting, Cape Town Nov 2011
- 50 ECR Wien 2011. Ozone treatment
- 51 Percutaneous treatment of spinal disease ECR Wien 2012
- 52 New device in vertebral augmentation. ASSR Meeting Miami 2012
- 53 Overview on disk treatment. 12-16 april 2012, Milan, ESNR P.Lasjunias Course
- 54 How to retreat spine pain. 12-16 april 2012, Milan, ESNR P.Lasjunias Course
- 55 Il rachide degenerative 45° Congresso Nazionali SIRM Torino giugno 2012
- 56 Spine metastasis, how to treat. ESNR Annual meeting, Edimburgh, 19-23 sept 2012
- 57 Advanced in spine intervention, ESNR Annual meeting, Edimburgh, 19-23 sept 2012
- 58 Biomechanic of the spine- Annual Meeting SENR, Società Spagnola di Neuroradiologia 18-20 ottobre 2012, Alicante

- 59 Overview on spine intervention, Annual Meeting SENR, Società Spagnola di Neuroradiologia 18-20 ottobre 2012, Alicante
- 60 Oxygen ozone therapy in the treatment of disk disease, Congresso Nazionale Società Francese di Radiologia Paris 18-23 ottobre 2012
- 61 The vessel wall: angiogenesis and vascular repair. European Course of diagnostic and interventional neuroradiology ESNR. 2-6 nov Antalya 2012 , Turkey
- 62 Anatomy and imaging technique of the extracranial neck vessels. European Course of diagnostic and interventional neuroradiology ESNR. 2-6 nov Antalya, 2012 Turkey
- 63 Spinal cord vascularization. Anatomy and imaging. European Course of diagnostic and interventional neuroradiology ESNR. 2-6 nov 2012 Antalya, Turkey
- 64 American Society Spine Radiology Annual Meeting Phoenix Arizona February 2013. Update on assisted technique
- 65 European Congress of radiology Vienna 4-7 march 2013. Overview on head trauma
- 66 European Congress of radiology Vienna 4-7 march 2013 Percutaneous Spine Interventions
- 67 European Course of diagnostic and interventional neuroradiology ESNR. Cerebral vasoconstriction syndrome 3-7 nov Antalya, 2013 Turkey
- 68 European Course of diagnostic and interventional neuroradiology ESNR. Workshop on Spinal MRA and CTA: how, when and why. 3-7 nov 2013 Antalya, Turkey
- 69 Tecniche assistite per il rachide. Congresso nazionale AINR , L'Aquila, 19-21 settembre 2013
- 70 I trauma vertebrali. Congresso Nazionale Sezione Radiologia Interventistica della SIRM Catania 17-19 ottobre 2013
- 71 World Federation Intervention and Therapeutic Neuroradiology Buenos Aires 9-13 nov 2013. Spine metastases: how I do it.
- 72 Spine course of the ESNR. Geneve 9-12 dec 2013.
- 73 Annual meeting Section Neuroradiology SIRM. Milano Ospedale S. Raffaele 13 dicembre 2013
- 74 European Congress of radiology Vienna march 2014. Overview on spine intervention
- 75 ASSR Miami feb 2014. Up to date in spine intervention
- 76 ASNR Montreal May 2014. Keynote in Interventional Spine
- 77 Neuroradiologicum Symposium Istanbul September 2014. Vertebral hemangioma treatment
- 78 78 Neuroradiologicum Symposium Istanbul 2014 Advanced treatment of spine metastasis
- 79 ECR 2015 Screening for cerebral aneurysm Wien march 2015
- 80 ESNR 2015 Spondilodiscitis update Naples 18-20 sept 2015 Sicily Spine
- 81 CIRSE 2015 A case base presentation Lisbon sept 2015
- 82 PL Course ESNR IZMIR 2-6 nov 2015 Workshop: spinal MRA and CTA: when and how I do it
- 83 WFITN 2015 Gold Coast Australia 8-13 nov 2015 . Infiltration and RF of facet and epidural inj
- 84 WFITN 2015 Gold Coast Australia 8-13 nov 2015 Update on VP and KP
- 85 AIM Meeting 2015 New york 18-20 nov 2015 Collateral flow at its best
- 86 Corso Itinerante AINR Matera 12-13 dicembre 2015 La Vertebroplastica
- 87 Corso Itinerante AINR Matera 12 13 dicembre 2015 La Patologia degenerativa del Rachide
- 88 Annual Meeting ASSR Bonita Spring FL USA 18-21 feb 2015 – RF in the treatment of facet joint and SI degenerative disease
- 89 ECR 2016 Wien 2-6 march 2016 – Dynamic MR evaluation lumbar degenerative spine disease

- 90 Il Croatian Meeting of Neuroradiology Vodice 14-15 april, 2016, Interventional Neuroradiology of the spine
- 91 Il Croatian Meeting of Neuroradiology Vodice 14-15 april, 2016, Endovascular treatment of unruptured aneurysm
- 92 Pierre Lasjunias Course ESNR, Rodi 20-24 april 2016 Indication and technical approach to spine treatment
- 93 Annual meeting Societe Francaise Neuroradiologie Paris 14-15 march 2016 Update on spine intervention
- 94 ESNR Annual Meeting Belgrade 15-18 september 2016 Dynamic evaluation of the spine
- 95 ESNR Annual Meeting Belgrade 15-18 september 2016 Percutaneous treatment of the facet joint: hot and cold
- 96 Sardinia Spine 2016 Cagliari 30 june-1 july 2016. Trattamento endovascolare degli aneurismi non rotti
- 97 IV Campo Base Neurovascolare Firenze AO Careggi 28-30 settembre 2016. Trattamento endovascolare degli aneurismi del sifone
- 98 Congresso Annuale Società Italiana Studio Stroke Savona 22-24 settembre 2016. Diagnostica avanzata dello stroke ischemico
- 99 Neuroradiologicum simposium 50th anniversary Oporto . Diagnostic and clinical approach to spine treatment
- 100 Corso Itinerante AINR Milano CDI 21-22 ottobre 2016. Approccio diagnostic terapeutico patologia sistemica ossea: metastasi ed altro
- 101 XX Congresso Nazionale e Corso residenziale AINO Napoli 6-8 novembre 2016. Tumori Spinali. Imaging.

PATENT

PCT PATENT APPLICATION IB2004/003706

THERAPEUTIC

APPARATUS AND METHOD FOR ADMINISTERING A

AGENT INTO TISSUE

PROGETTO DI RICERCA N. EQC5-13-01 Studio in aperto per valutare la efficacia e sicurezza di nuovo idrogel (HYADD4-G) in pazienti con patologia degenerative del disco- Studio Pilota

ADDITIONAL INFORMATION

Indexed publications:

- 1) Rubinstein-Taybi syndrome. Description of a case].
Muto R, Bozzi V, **Muto M**, Di Giulio P, Lembo G.
Radiol Med. 1986 Jul-Aug;72(7-8):584-5.
- 2) A bilateral mixed laryngocele: CT findings.
Muto R, Muto M, Cirillo LC, Bozzi V, Fondacaro R, **Muto M**, Belfiore G, Muto P, Porta E.
Rays. 1986 May-Aug;11(2):69-71.
- 3) La Risonanza Magnetica nei trauma vertebrali recenti .
M.Muto, H. Wang, Rivista di Neuroradiologia 5, 55-63, 1992
- 4) Macroentesopathy ossificans of rotuleous tendon. N. Pappone, R. Meoli,
M.Muto. Radiol Med 87, 506-508, 1994
- 5) MR in intramedullary pathology. **M.Muto**, R. Izzo, A. Palmieri, Rivista di Neuroradiologia, 7, 605-615, 1994
- 6) Spondilolisi e spondilolistesi. Stato dell'arte.
R. Izzo, **M.Muto**, G.Fucci, Rivista di Neuroradiologia, 8, 693-707, 1995
- 7) Le stenosi del canale lombare. Stato dell'arte.
R. Izzo, **M.Muto**, G. Fucci, S. Simpatico, Rivista di Neuroradiologia, 8,557-567, 1995.
- 8) Associazione di multipli emangiomi cavernosi sovratentoriali con displasia venosa in fossa cranica posteriore.
M.Muto, G.Fucci, R.Izzo, F.A. De Falco, L.Majello
Rivista di Neuroradiologia 9, 233-238, 1996
- 9) Diagnostic imaging of the disk-root fight
M.Muto, E Meary, JF Meder
Rivista di Neuroradiologia 10:519-522,1997
- 10) Intraosseous pneumocyst of the ileum: CT findings in two cases and literature review
O. Catalano, F De Rosa, **M.Muto**, European Radiology 7, 1449-1451, 1997
- 11) Non discal lumbar radiculopathy: combined diagnostic approach by CT and MR
M.Muto,G. De Maria, R Izzo, G. Fucci, I Aprile
Rivista di Neuroradiologia 10:165-173,1997
- 12) Magnetic Resonance Imaging with fluid attenuated pulse sequences in evaluation of craniospinal lesions A. Palmieri, **M.Muto**, R.Izzo, C.Girardi
Rivista di Neuroradiologia 10, 223-234, 1997
- 13) Compressive Vertebral Angioma. Case report and literature review
R.Izzo, **M.Muto**, G.Fucci, G. Cantatore, S Simpatico, F. Avella
Rivista di Neuroradiologia 11, 103-112,1998
- 14) Percutaneous treatment of herniated lumbar disc by intradiscal oxygen-ozone injection. **Muto M**, Avella F.Interv Neuroradiol. 1998 Dec 20;4(4):279-86.
- 15) CTA and DSA evaluation of patients with subarachnoid haemorrhage.
M.Muto, R Bonsignore, G. Ambrosanio, G. Esposito, L. Cesaro, U. Di Furia, A.Palmieri. Rivista di Neuroradiologia, 12: 399-408, 1999

- 16) CTA and DSA in the evaluation of patients with subarachnoid haemorrhage.
M.Muto, R Bonsignore, G. Ambrosanio, G. Esposito, L. Cesaro, U. Di Furia, A. Palmieri. *Rivista di Neuroradiologia*, 12: 399-408, 1999
- 17) Gunshot wounds of the cranium studied with computerized tomography. Personal experience in 23 cases].
 Salzano A, De Rosa A, Scialpi M, Rossi E, Carbone M, Brunese L, Nocera V, **Muto M**.
Radiol Med. 2000 Jan-Feb;99(1-2):26-30.
- 18)The role of computed tomography in gunshot lesions of the chest. The authors' personal experience].
 Salzano A, De Rosa A, Carbone M, Rossi E, **Muto M**, Tuccillo M, Nunziata A, Brunese L.*Radiol Med*. 1999 Nov;98(5):356-62
- 19)The role of computed tomography in assessing subphrenic abscesses after posttraumatic splenectomy.
 Salzano A, Rossi E, De Rosa A, Carbone M, Amodio F, **Muto M**, Accattatis V, Brunese L. *Radiol Med*. 1999 Sep;98(3):173-7.
- 20) Defecography and treatment of essential anal pain
 Salzano A, Carbone M, Rossi E, De Rosa A, **Muto M**, Amodio F, Rea G, Ginolfi F.
Radiol Med. 1999 Jul-Aug;98(1-2):48-52.
- 21) Defecography in rectal wall prolapse conditions.
 Salzano A, **Muto M**, De Rosa A, Ginolfi F, Tuccillo M, Carbone M, Amodio F, Rossi E.
Radiol Med. 1999 Jun;97(6):486-90.
- 22)Dilatation of the ventriculus terminalis of the conus medullaris: MR findings in two patients. **M.Muto**, A Palmieri *Rivista di Neuroradiologia* 13, 755-758, 2000
- 23)Duplicazione isolata del peduncolo ipofisario: ultimo stadio di uno spettro malformativo ? A.A. Diano, **M.Muto**, L.Galasso, G. Rossi, A Palmieri
Rivista di Neuroradiologia 14, 437 443, 2001
- 24) Treatment of herniated lumbar disc by intradiscal and intraforaminal oxygen-ozone injection. **M.Muto** . C. Andreula, M. Leonardi. *J. Neuroradiol*, 31, 183-189, 2000
- 25) Malattia da deposito di cristalli di – idrato pirofosfato di calcio a localizzazione peri-odontoidea ed associazione con os-odontoideum
 M.Muto, A.A. Diano, L.Galasso , A Crispino, E. **Muto**, A Palmieri
Rivista di neuroradiologia 14, 471 478 , 2001
- 26) Interventional CT guided neuroradiology in pain syndrome management
M.Muto, A Palmieri. *Functional Neurology* 370, (16) 4 2001
- 27) La vertebroplastica nel trattamento delle lombalgie su base porotica e delle lesioni secondary vertebrali **M.Muto**, R Bonsignore, A Palmieri. *Rivista di Neuroradiologia* 14 , 287 290, 2001
- 28)Interventional spinal procedures. C. Andreula, M. Leonardi, **M.Muto**.
European Journal of Radiology 50,2, 112-119 May 2004

- 29) Alterazioni indotte da infiltrazioni intradiscali ed intramuscolari di ossigeno ozono. Studio anatomico patologico. **M.Muto**, G. De Dominicis. Rivista italiana di Ossigeno Ozonoterapia 3,7-13,2004
- 30) Metastasi intraperitoneali da medulloblastoma. Presentazione di un caso e revisione della letteratura. **M.Muto**, R. Izzo, A. Palmieri. Rivista di Neuroradiologia 2004.
- 31) La vertebroplastica nel trattamento delle sindromi algiche del rachide. **M.Muto**, Muto E, Izzo R, Diano A, Lavanga A, Di Furia U, Radiol Med 109:208-219, 2005.
- 32) Biomechanics of the Spine II. The loss of Integrity and Stability of the spine. R. Izzo, A.A. Diano, **M.Muto**. Rivista di Neuroradiologia 18: 592-605, 2005.
- 33) Vertebroplasty in the Treatment of Spine Disease. Ambrosanio G, Lavanga A, Vassallo P, Izzo R, Diano AA, **M.Muto**. Interventional Neuroradiology 11: 309-323, 2005
- 34) Percutaneous vertebroplasty: indications, contra-indications, technique and complications. C. Andreula, G. Guglielmi, **M.Muto** L. Giloula Acta Radiologica 46(3), 256-68, 2005
- 35) Biomechanics of the Cervical Spine. Izzo R, Diano A, **M.Muto** Rivista Medica Vol. 12 n 3-4 Settembre- Dicembre 2006.
- 36) Neuropsychological assessment, quantitative MRI and ApoE gene polymorphism in a series of MS patients treated with IFN beta 1b. Lanzillo R, Prinster A, Scarano V, Liuzzi R, Coppola G, Florio C, Salvatore E, Schiavone V, Brunetti A, **Muto M**, Orefice G, Alfano B, Bonavita V, Brescia Morra V. J Neurol Sci, Jun 15,245,141-145, 2006
- 37) La RM nello studio dei pazienti talassemici affetti da eritropoiesi extra-midollare spinale: diagnosi e follow-up a distanza dopo trattamento specifico. Diano AA, Izzo R, Prossomariti L, Vassallo P, Zeccolini F, **Muto M**. Rivista di Neuroradiologia 19:50-56, ottobre 2006
- 38) Spettroscopia RM Single-Voxel nello studio dei glomi cerebrali: correlazioni isto-patologiche negli astrocitomi ad alto grado operati e follow-up nei low-grade non-trattati. Diano AA, Misciasci T, Di Gaeta A, Capobianco E, Lavanga A, **Muto M**. Rivista di Neuroradiologia 19:50-56, ottobre 2006
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Mario Muto MD