

# *Curriculum Vitae*

*Pier Luigi Di Paolo MD PhD*

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Languages: Italian (native), English (fluent).

## **CURRENT POSITION**

**Attending Radiologist** - Bambino Gesù Children's Hospital of Rome  
Assistant Professor – Sapienza University of Rome  
Abitilitato al ruolo di Prof. Associato di Radiologia (MED 36) nella VI Tornata 2018-2020

## **EDUCATIONAL BACKGROUND**

<i>Internship in Pediatric Oncology</i> <i>St. Jude Children's Research Hospital Memphis, USA</i>	<i>May 2019 – Jun 2019</i>
<i>Master "Economia e Management in Sanità" - Sapienza University of Rome</i>	<i>Mar 2018 – Dec 2018</i>
<i>Research Fellowship in Oncologic Pediatric Imaging</i> <i>Memorial Sloan-Kettering Cancer Center New York, USA</i>	<i>Sept 2017 – Dec 2017</i>
<i>Internship in Pediatric Radiology</i> <i>Memorial Sloan-Kettering Cancer Center New York, USA</i>	<i>Aug 2016 – Oct 2016</i>
<i>PhD – Molecular Medicine – Sapienza University of Rome</i>	<i>Nov 2013 - Dec 2016</i>
<i>Research Fellowship Body and Breast Imaging</i> <i>Memorial Sloan-Kettering Cancer Center New York, USA</i>	<i>Sept 2011- May 2013</i>
<i>Residency in Radiology - cum laude 70/70 - Sapienza University of Rome</i>	<i>Jul 2009 - Jul 2014</i>
<i>Medical Licensing Exam - Sapienza University of Rome</i>	<i>Mar 2009</i>
<i>School of Medicine - Doctor cum laude 110/110 - Sapienza University of Rome</i>	<i>Oct 2002 - Jul 2008</i>
<i>Internship Department of Radiology at St. James's Hospital, Dublin, Ireland</i>	<i>Jul 2006 – Sept 2006</i>

## **HONORS AND AWARDS**

Grant of 17,000 \$ obtained from **Memorial Sloan-Kettering Cancer Center** in New York, USA to pursue research in genitourinary imaging applying innovative techniques in the evaluation of prostate cancer.

Cases of the Day Presentation – ECR 2013. Di Paolo PL, Vargas HA, Akin O, Hricak H. Vaginal Aggressive Angiomyxoma

Certificate of Merit - ECR 2010. Anzidei M, Napoli A, Cavallo Marincola B, Di Paolo PL, Catalano C, Passariello R. Volumetric CT perfusion of focal and multifocal malignant liver lesions: technique, clinical applications and correlation with conventional imaging.

Scholarship to attend the Department of Radiology at **St. James's Hospital**, Dublin, Ireland, under the supervision of Dr. James FM Meaney, Director of MRI (August 2006).

## **PROFESSIONAL MEMBERSHIPS**

Radiological Society of North America (RSNA)

European Society of Radiology (ESR)

Società Italiana di Radiologia Medica (SIRM)

European Society of Pediatric Radiology (ESPR)

European Society of Oncologic Imaging (ESOI)

European Paediatric Soft Tissue Sarcoma Study Group (EpSSG)

Partecipazione al gruppo di ricerca internazionale - Task Force of Musculoskeletal dell'ESPR (European Society of Pediatric Radiology) responsabile Prof.ssa Karen Rosendahl (University of Bergen, Norway), dal 01-11-2016 ad oggi. <https://www.espr.org/taskforces/musculoskeletal/>

Partecipazione al gruppo di ricerca internazionale - Task Force of Pediatric Oncology dell'ESPR (European Society of Pediatric Radiology) responsabile Prof . Jurgen Schafer (University of Tuebingen ,Germany), dal 01-06-2018 ad oggi. <https://www.espr.org/taskforces/oncology/>.

## **TEACHING EXPERIENCE**

Master Degree "Genitourinary Imaging" Sapienza University, Prof. Mauro Ciccariello

- Imaging Primary Renal Cancer (Mar-2014)

- Bladder cancer (Mar-2014)

- Gynecologic Oncology (Apr-2014)

- MRgFUS Fibroids (Apr-2014)

- MRgFUS Prostate (Apr-2014)

- Pediatric Radiology – Corso integrato di Diagnostica per Immagini - Facoltà di Medicina e Odontoiatria - Corso di Laurea in Medicina e Chirurgia "D" Sapienza University of Rome (2017-2018)

- Pediatric Radiology – Corso integrato di Diagnostica per Immagini - Facoltà di Medicina e Odontoiatria - Corso di Laurea in Medicina e Chirurgia "D" Sapienza University of Rome (2018-2019)

- Pediatric Radiology - Corso di Laurea “B” in Scienze Infermieristiche, Azienda Policlinico Umberto I Roma, Sapienza University of Rome (2018-2019)
- “Pediatric Genitourinary Imaging” Lecture – Scuola di Specializzazione in Urologia Sapienza University of Rome (June 11, 2019)
- Docente a Contratto – Metodologia Medico Scientifica II - Facoltà di Medicina e Odontoiatria - Corso di Laurea in Medicina e Chirurgia “D” Sapienza University of Rome (2019-2020)
- Pediatric Radiology - Corso di Laurea “B” in Scienze Infermieristiche, Azienda Policlinico Umberto I Roma, Sapienza University of Rome (2019-2020)
- Pediatric Radiology – Corso integrato di Diagnostica per Immagini - Facoltà di Medicina e Odontoiatria - Corso di Laurea in Medicina e Chirurgia “D” Sapienza University of Rome (2019-2020)
- Docente a Contratto – Metodologia Medico Scientifica II - Facoltà di Medicina e Odontoiatria - Corso di Laurea in Medicina e Chirurgia “D” Sapienza University of Rome (2020-2021)
- Lecture “Imaging in Rhabdomyosarcoma. What do we need?” Facoltà di Medicina e Odontoiatria - Corso di Laurea in Medicina e Chirurgia “D” IV anno, Sapienza University of Rome (May 31, 2021)
- Pediatric Radiology - Corso di Laurea “B” in Scienze Infermieristiche, Azienda Policlinico Umberto I Roma, Sapienza University of Rome (2020-2021)
- Pediatric Radiology – Corso integrato di Diagnostica per Immagini - Facoltà di Medicina e Odontoiatria - Corso di Laurea in Medicina e Chirurgia “D” Sapienza University of Rome (2020-2021)

## **TRIALS**

**Co-investigator in International and Multicenter study**, “A Phase II Multicenter Randomized Double-Blind Dose-Finding Study of Iopamidol Injection 370 In Multidetector Computed Tomographic Angiography (MDCTA) in Patients With Suspected Coronary Artery Stenosis”. Trial supported by Bracco Society Imaging; 2009-2010.

**Co-investigator in International and Multicenter study**: EISAI Hope 207 (2019)

**Co-investigator in International and Multicenter study**: EISAI Hope 213 (2019)

**Co-investigator in International and Multicenter study**: Umbrella Renal Tumor Study Group 2019

Randomet2017 - EudraCT-Nr: 2018-000533-13

Randomized multi-centre open-label non-inferiority phase 3 clinical trial for patients with a stage IV childhood renal tumour comparing upfront Vincristine, Actinomycin-D and Doxorubicin (VAD, standard arm) with upfront Vincristine, Carboplatin and Etoposide (VCE, experimental arm).

**Co-investigator in International and Multicenter study:** Eli Lilly J1S-MC-JV01/J1S-MC-JV02 (BTR 32729/BTR 32730) 2020 – Desmoplastic tumor

**Co-investigator in International and Multicenter study:** Delphi Study – MRI in Pediatric Renal Tumors

**Co-investigator in International and Multicenter study:** PRIMAGE clinical trials HR-NBL1 and LINES

**Co-investigator in International and Multicenter study:** PRIMAGE clinical trials NB and/or DIPG

**Co-investigator in International and Multicenter study:** EISAI E7080-G000-230<sup>[1]</sup><sub>SEP</sub>

A Multicenter, Open-label, Randomized Phase 2 Study to Compare the Efficacy and Safety of **L**envatinib in Combination with **I**fosfamide and **E**toposide versus Ifosfamide and Etoposide in Children, Adolescents and Young Adults with Relapsed or Refractory **O**steosarcoma (**OLIE**)

## **SCIENTIFIC PAPERS n=38**

38. Hemorrhage During Induction Chemotherapy in Neuroblastoma: Additional Risk Factors in High-Risk Patients.  
Vogolino V, Persano G, Crocoli A, Castellano A, Serra A, Giordano U, Natali GL, Di Paolo PL, Martucci C, Stracuzzi A, Inserra A. *Front Pediatr.* 2021 Nov
37. Burned-Out Testicular Tumors in Adolescents: Clinical Aspects and Outcome.  
Persano G, Crocoli A, De Pasquale MD, Cozza R, Alaggio R, Diomedici Camassei F, Beati F, Di Paolo P, Martucci C, Inserra A. *Front Pediatr.* 2021 Aug 25
36. MRI Characteristics of Pediatric Renal Tumors: A SIOP-RTSG Radiology Panel Delphi Study.  
van der Beek JN, Watson TA, Nievelstein RAJ, Brisse HJ, Morosi C, Lederman HM, Coma A, Gavra MM, Vult von Steyern K, Lakatos K, Breysem L, Varga E, Ducou Le Pointe H, Lequin MH, Schäfer JF, Mentzel HJ, Hötter AM, Calareso G, Swinson S, Kyncl M, Granata C, Aertsen M, Di Paolo PL, de Krijger RR, Graf N, Olsen ØE, Schenk JP, van den Heuvel-Eibrink MM, Littooij AS.  
*Magn Reson Imaging.* 2021 Aug
35. European guideline for imaging in paediatric and adolescent rhabdomyosarcoma - joint statement by the European Paediatric Soft Tissue Sarcoma Study Group, the Cooperative Weichteilsarkom Studiengruppe and the Oncology Task Force of the European Society of Paediatric Radiology.  
van Ewijk R, Schoot RA, Sparber-Sauer M, Ter Horst SAJ, Jehanno N, Borgwardt L, de Keizer B, Merks JHM, de Luca A, McHugh K, von Kalle T, Schäfer JF, van Rijn RR; Cooperative Weichteilsarkom Studiengruppe Imaging Group, the European Society of Paediatric Radiology Oncology Task Force and the European Paediatric Soft Tissue Sarcoma Study Group Imaging Committee. *Pediatr Radiol.* 2021 Jun 17.
34. Radiogenomics prediction for MYCN amplification in neuroblastoma: A hypothesis generating study.  
Di Giannatale A, Di Paolo PL, Curione D, Lenkiewicz J, Napolitano A, Secinaro A, Tomà P, Locatelli F, Castellano A, Boldrini L. *Pediatr Blood Cancer.* 2021 May 18
33. Utility of Routine Preoperative <sup>18</sup>F-Fluorodeoxyglucose Positron Emission Tomography/Computerized Tomography in Identifying Pathological Lymph Node Metastases at Radical Cystectomy. Reply.  
Dason S, Wong NC, Donahue TF, Meier A, Zheng J, Mannelli L, Di Paolo PL, Dean LW, McPherson VA, Rosenberg JE, Bajorin DF, Capeanu M, Dalbagni G, Vargas HA, Bochner BH.  
Reply by Authors  
*J Urol.* 2021 Jul; 206(1):170-171
32. Dason S, Wong NC, Donahue TF, Meier A, Zheng J, Mannelli L, Di Paolo PL, Dean LW, McPherson VA, Rosenberg JE, Bajorin DF, Capeanu M, Dalbagni G, Vargas HA, Bochner BH.  
Reply by Authors  
*J Urol.* 2021 Feb; 205(2):337
31. Mele C, Crinò A, Fintini D, Mai S, Convertino A, Bocchini S, Di Paolo P, Grugni G, Aimaretti G, Scacchi M, Marzullo P.  
Angiopoietin-like 8 (ANGPTL8) as a potential predictor of NAFLD in paediatric patients with Prader-Willi Syndrome. *JEI* 2020 Oct
30. Russo I, Di Paolo V, Crocoli A, Mastronuzzi A, Serra A, Di Paolo PL, Di Giannatale A, Miele E, Milano GM.

A Chart Review on the Feasibility and Safety of the Vincristine Irinotecan Pazopanib (VIPaz) Association in Children and Adolescents With Resistant or Relapsed Sarcomas.  
Front Oncol. 2020 Aug 6;10:1228

29. Dason S, Wong NC, Donahue TF, Meier A, Zheng J, Mannelli L, Di Paolo PL, Dean LW, McPherson VA, Rosenberg JE, Bajorin DF, Capeanu M, Dalbagni G, Vargas HA, Bochner BH.

Reply by Authors  
J Urol. 2020 Aug; 204(2):259

28. Hötker AM, Karlo CA, Di Paolo PL, Zheng J, Moskowitz CS, Russo P, Hricak H, Akin O.  
Renal Cell Carcinoma: Associations Between Tumor Imaging Features and Epidemiological Risk Factors.  
Eur J Radiol. 2020 Aug;129:109096

27. Schafer JF, Granata C, von Kalle T, Kyncl M, Littooij A, Di Paolo PL, Sefic I and Nievelstein RAJ  
Whole-Body MRI in pediatric oncology: Recommendations by the Taskforce Oncology of the ESPR. Pediatric Radiology 2020 Jul;50(8):1162-1174

26. Dason S, Wong NC, Donahue TF, Meier A, Zheng J, Mannelli L, Di Paolo PL, Dean LW, McPherson VA, Rosenberg JE, Bajorin DF, Capeanu M, Dalbagni G, Vargas HA, Bochner BH.  
Utility of Routine Preoperative <sup>18</sup>F-Fluorodeoxyglucose Positron Emission Tomography-Computed Tomography (<sup>18</sup>F-FDG PET/CT) in Identifying Pathologic Lymph Node Metastases at Radical Cystectomy.  
J Urol. 2020 Aug;204(2):254-259

25. Rinelli M, Agolini E, Milano GM, Crocoli A, De Vito R, Di Giannatale A, Di Paolo PL, Novelli A.  
Pediatric gastrointestinal stromal tumor: report of two novel patients harboring germline variants in SDHB and SDHC genes. Cancer Genetics 2020, Feb;241:61-65

24. Ording Müller LS, Offiah A, Adamsbaum C, Barber I, Di Paolo PL, Humphries P, Shelmerdine S, Tanturri De Horatio L, Toma P, Treguier C, Rosendahl K. Bone age for chronological age determination - statement of the European Society of Paediatric Radiology musculoskeletal task force group. Pediatr Radiol. 2019 Jun;49(7):979-982

23. Shelmerdine SC, Di Paolo PL, Tanturri de Horatio L, Malattia C, Magni-Manzoni S, Rosendahl K.  
Imaging of the hip in juvenile idiopathic arthritis Pediatr Radiol. 2018 Jun;48(6):811-817

22. Russo I, Di Paolo V, Gurnari C, Mastronuzzi A, Del Bufalo F, Di Paolo PL, Di Giannatale A, Boldrini R, Milano GM.  
Congenital Rhabdomyosarcoma: a different clinical presentation in two cases. BMC Pediatr. 2018 May 15;18(1):166

21. Shelmerdine S, Di Paolo PL, Rieter JFMM, Nusman CM, Ording Müller LS, Hemke R, Avenarius DFM, van Rossum MAJ, Malattia C, Maas M, Tanturri de Horatio L, Rosendahl K.

A novel radiographic scoring system for growth abnormalities and permanent change in children with Juvenile Idiopathic Arthritis of the hip. *Pediatric Radiology* 2018 Aug;48(8):1086-1095

20. De Nardi S, Porcu C, Di Paolo PL, Longo D, Puddu M, Santoro F, Fanos V, Saba L. Cystic lesion of posterior cranial fossa: is it Dandy-Walker? *JPNIM* 2017

19. Ryan D, Cruciata G, Monti S, Di Paolo PL, Mannelli L. Peripartum patient with epigastric pain. *Ann Emerg Med.* 2017 Sep;70(3):301-337. doi: 10.1016

18. Karlo CA, Kou L, Di Paolo PL, Kattan MW, Motzer RJ, Russo P, Tickoo SK, Akin O, Hricak H. Renal cell carcinoma: A nomogram for the CT imaging-inclusive prediction of indolent, non-clear cell renal cortical tumours. *Eur J Cancer.* 2016 May;59:57-64. doi: 10.1016

17. Spaliviero M, Poon BY, Karlo CA, Guglielmetti GB, Di Paolo PL, Beluco Corradi R, Martin-Malburet AG, Campos-Juanatey F, Escudero-Fontano E, Sjoberg DD, Russo P, Coleman JA, Akin O, Touijer KA. An Arterial Based Complexity (ABC) Scoring System to Assess the Morbidity Profile of Partial Nephrectomy. *Eur Urol.* 2016 Jan;69(1):72-9.

16. Mazaheri Y, Goldman DA, Di Paolo PL, Akin O, Hricak H. Comparison of prostate volume measured by endorectal coil MRI to prostate specimen volume and mass after radical prostatectomy. *Acad Radiol.* 2015 May;22(5):556-62.

15. Di Paolo PL, Vargas HA, Karlo CA, Zheng J, Moskowitz CS, Al-Ahmadie HA, Bochner BH, Hricak H. Intra-diverticular bladder cancer: CT imaging features and their association with clinical outcomes. *Accepted Clinical Imaging.* 2015 Jan-Feb; ;39(1):94-8.

14. Raz E, Pontecorvo S, Barra V, Marincola BC, Morreale M, Tinelli E, Saba L, Di Paolo PL, Aceti A, Catalano C, Francia A, Caramia F. MR venography in patients with multiple sclerosis and correlation with clinical and MRI parameters. *J Neuroimaging.* 2014 Sep-Oct;24(5):492-7

13. Spaliviero M, Poon BY, Aras O, Di Paolo PL, Guglielmetti GB, Coleman CZ, Karlo CA, Berstein ML, Sjoberg DD, Akin O, Coleman JA. Interobserver variability of R.E.N.A.L., PADUA, and Centrality index nephrometry score systems. *World J Urol.* 2015 Jun;33(6):853-8.

12. Karlo CA, Di Paolo PL, Hricak H, Tickoo SK, Russo P, Akin O. CT of renal cell carcinoma: assessment of collecting system invasion. *AJR,* 2013; 201(6):W821-7

11. Saba L, Raz E, Grassi R, Di Paolo PL, Montisci R, Piga M. Association between the volume of carotid artery plaque and its subcomponents and the volume of white matter lesions in patients selected for endarterectomy. *AJR,* 2013 Nov;201(5):W747-52.

10. Karlo CA, Di Paolo PL, Chaim J, Hakimi A, Ostrovna I, Russo P, Hricak H, Motzer R, Hsieh JJ, Akin O. Radiogenomics of Clear Cell Renal Cell Carcinoma: Associations between CT imaging Features and Mutations. *Radiology*. 2014 Feb;270(2):464-71. doi: 10.1148
9. Raz E, Antonelli M, Saba L, Caramia F, Bozzao L, Di Paolo PL, Giangaspero F, Fiorelli M. 29 Year-old man with new onset seizures. *Brain Pathol*, 2013 Jul;23(4):477-8.
8. Karlo CA, Di Paolo PL, Donati OF, Russo P, Tickoo S, Hricak H, Akin O. Renal Cell Carcinoma: Role of MR Imaging in the Assessment of Muscular Venous Branch Invasion. *Radiology* 2013 May;267(2):454-9.
7. Raz E, Zagzag D, Saba L, Mannelli L, Di Paolo PL, D'Ambrosio F, Knopp E. Cyst with a mural nodule tumor of the brain. *Cancer Imaging*. 2012 Aug; 12:237-44.
6. Anzidei M, Napoli A, Zaccagna F, Di Paolo PL, Saba L, Cavallo Marincola B, Zini C, Cartocci G, Di Mare L, Catalano C, Passariello R. Diagnostic accuracy of colour Doppler ultrasonography, CT angiography and blood-pool-enhanced MR angiography in assessing carotid stenosis: a comparative study with DSA in 170 patients. *Radiol Med*. 2012 Feb;117(1):54-71.
5. Anzidei M, Napoli A, Geiger D, Cavallo Marincola B, Zini C, Zaccagna F, Di Paolo PL, Catalano C, Passariello R. Preliminary Experience with MR-angiography in the evaluation of carotid stenosis degree and plaque morphology using high-resolution sequences after Gadofosveset Trisodium (Vasovist) administration: a comparison with CT-angiography and DSA. *Radiol Med*. 2010 Jun; 115(4):634-47.
4. Anzidei M, Napoli A, Zaccagna F, Di Paolo PL, Zini C, Cavallo Marincola B, Geiger D, Catalano C, Passariello R. Diagnostic performance of 64-MDCT and 1.5 T MRI with high-resolution sequences in the Staging of Gastric Cancer: A Comparative Analysis with Histopathology. *Radiol Med*, 2009 Oct;114(7):1065-79.
3. Napoli A, Anzidei M, Cavallo Marincola B, Zaccagna F, Geiger D, Di Paolo PL, Zini C, Catalano C, Passariello R. Optimization of a high resolution whole-body MR angiography protocol with parallel imaging and biphasic administration of a single bolus of Gd-BOPTA: preliminary experience in the systemic evaluation of atherosclerotic burden in patients candidate to endovascular procedures. *Radiol Med*, 2009 Jun;114(4):538-52.
2. Napoli A, Anzidei M, Francone M, Cavallo Marincola B, Carbone I, Geiger D, Zaccagna F, Di Paolo PL, Zini C, Catalano C, Passariello R. 64-MDCT imaging of the coronary arteries and systemic arterial vascular tree in a single examination: optimisation of the scan protocol and contrast-agent administration. *Radiol Med*. 2008 Sep;113(6):799-816.
1. Napoli A, Catalano C, Anzidei M, Lanciotti K, Calabrese FA, Cavallo Marincola B, Zini C, Di Paolo PL, Kyventidis T, Passariello R. Imaging the whole body atherosclerosis: high resolution magnetic resonance angiography using blood-pool agent. Initial clinical experience. *Minerva Cardioangiolog*. 2007 Jun;55(3):291-301.



## **BOOK CHAPTERS**

Vargas HA, Di Paolo PL, Afaq A, Akin O. “**Atlas of Gynecology Oncology: Ovarian Cancer**”, edited by Akin O. Publisher: Springer 2013

Vargas HA, Di Paolo PL, Afaq A, Akin O. “**Atlas of Gynecology Oncology: Endometrial Cancer**”, edited by Akin O. Publisher: Springer 2013

Raz E, Di Paolo PL. First Edition of “**Multi-Detector CT Imaging: Principles, Head, Neck, and Vascular Systems**”. Edited by Luca Saba and Jasjit S. Suri. Publisher: Francis and Taylor (CRC press). ISBN:1439893802. Chapter 12 “Head Trauma” Oct 2013.

Napoli A, Cartocci G, Di Paolo PL. “**Imaging cardiovascolare TC e RM**”, edited by Catalano C, Anzidei M, Napoli A. Publisher: Springer-Verlag. Published in 2013. ISBN 978-88-470-2603-2. Chapter 11 “Arti Superiori”.

Napoli A, Cartocci G, Di Paolo PL. “**CT and MRI Cardiovascular Imaging**”, edited by Catalano C, Anzidei M, Napoli A. Publisher: Springer-Verlag. Published in 2013. Chapter 11 “Upper extremity”.

Catalano C, Napoli A, Anzidei M, Di Paolo PL. “**Protocolli di studio e casistica ragionata RM Testo-Atlante**”. Edited by Ragozzino A, Stecco A, Paolantonio P. Publisher Clanto. Case 20 “Paziente di 28 anni (donna) esegue un esame RX di controllo per un pregresso trattamento chirurgico per coartazione aortica all’età di 12 anni”.

Di Paolo PL. “**Imaging diagnostico**” Ramon Ribes, Antonio Luna, Pablo R.Ros. Edizione italiana a cura di Carlo Catalano. Publisher Springer Jul 2009. Chapter “Imaging dell’apparato muscolo-scheletrico”.

Di Paolo PL, Geiger D. “**Imaging diagnostico**” Ramon Ribes, Antonio Luna, Pablo R.Ros. Edizione italiana a cura di Carlo Catalano. Publisher Springer Jul 2009. Chapter “Medicina Nucleare”.

## **ABSTRACTS**

### **ESCR 2006 - European Society of Cardiac Radiology 20-11 October – Athens, Greece**

1) Atherosclerosis systemic imaging: Whole body Computed Tomography (CTA) of the entire arterial tree including coronary arteries using a 64-row scanner (64-DCT). Feasibility study

A.Napoli, C.Catalano, B.Cavallo Marincola, P.Di Paolo, M.Mangia, R.Passariello

2) Detection of intramyocardial haemorrhage (IMH) following coronary reperfusion in patients with acute myocardial infarction (AMI): comparison between primary percutaneous transluminal coronary angioplasty (PTCA) and rescue PTCA (R-PTCA). A Cardiac MR (CMR) study

M.Francone, I.Carbone, C.Bucciarelli Ducci, F.A.A.Calabrese, A.V.Castorino, P.Di Paolo, R.Scardala, F.Canni, F.Fedele, C.Catalano, R.Passariello

3) Clinical Impact of 64-detector row Whole Body CT Angiography in patients with coronary artery disease (CAD) : coronary and extra-coronary atherosclerotic burden

A.Napoli, C.Catalano, F.A.Calabrese, B.Cavallo Marincola, P.Di Paolo, R.Passariello

4) Dose Reduction and Image Quality Assessment in 64-Detector Row Computed Tomography (64-DCT) of the Coronary Arteries Using an Automatic Exposure Control System (AECS)

M.Francone, E.Di Castro, L.Bertoletti, I.Carbone, P.Di Paolo, B.Cavallo Maerincola, C.Catalano, R.Passariello

## **SIC 2006**

### **67° Congresso Nazionale della Società Italiana di Cardiologia/ dicembre 16-19/ Roma**

5) Imaging dell'infarto miocardico (IMA) con TC spirale a 64 strati (TCMS-64): correlazione tra stato del territorio miocardico infartuato e vaso coronarico di pertinenza.

A.Ascarelli, M.Francone, I.Carbone, A.V.Castorino, P.L.Di Paolo, M.L.Luciani, C.Catalano, R.Passariello.

6) Imaging cardiaco con TC spirale a 64 strati (TCMS-64): riduzione della dose di esposizione utilizzando un sistema combinato di modulazione angolare e lungo l'asse z della corrente del tubo radiogeno.

M.Francone, L.Bertoletti, E.Di Castro, P.L.Di Paolo, B.Cavallo Marincola, M.L.Luciani, C.Catalano, R.Passariello.

## **ECR 2007**

### **European Congress of Radiology/ marzo 9-13/ Vienna/ Austria**

7) Atherosclerosis systemic imaging: Whole body computed tomography angiography (CTA) of the entire arterial tree including coronary arteries using a 64-row scanner- feasibility study

A.Napoli, C.Catalano, F.A.Calabrese, B.Cavallo Marincola, P.Di Paolo, R.Lezoche, M.Mangia, R.Passariello

8) Dose reduction and image quality assessment in 64-detector row computed tomography (64-DCT) of the coronary arteries using an automatic exposure control system (AECS)

M.Francone, L.Bertoletti, E.Di Castro, R.Lezoche, P.Di Paolo, C.Catalano, R.Passariello

9) Metabolic syndrome and comprehensive imaging of atherosclerosis: From cardiovascular risk to quantitative, emerging application and first clinical data of whole body MDCT angiography

A.Napoli, C.Catalano, F.A.Calabrese, B.Cavallo Marincola, R.Lezoche, P.Di Paolo, M.Mangia, R.Passariello

10) 64-detector row computed tomography angiography of peripheral arteries: Comparison of different acquisition protocols – It's all about timing

F.A.Calabrese, A.Napoli, B.Cavallo Marincola, R.Lezoche, P. Di Paolo, M.Mangia, C.Catalano, R.Passariello

### **ESCR 2007**

#### **European Society of Cardiac Radiology/ October/ Rome**

11) Clinical Impact of Whole body Computed Tomography Angiography (WB-CTA) in patients with suspected coronary artery disease. Incremental value of total atherosclerosis burden assessment

A.Napoli, K.Lanciotti, B.Cavallo Marincola, C. Zini, P.Di Paolo, M.Anzidei, C.Catalano, R.Passariello

12) Whole-Body Contrast-Enhanced MR Angiography with Gadobenate Dimeglumine: evaluation of subclinical atherosclerotic burden in patients with steno-occlusive disease.

M.Anzidei, A.Napoli, B.Cavallo Marincola, C.Zini, P.Di Paolo, K.Lanciotti, C.Catalano, R.Passariello

### **ECR 2008**

#### **European Congress of Radiology/ marzo 7-11/ Vienna/ Austria**

13) Whole-body contrast-enhanced MR angiography with gadobenate dimeglumine: Evaluation of subclinical atherosclerotic burden in patients with stenocclusive Disease

A. Napoli, M. Anzidei, B. Cavallo Marincola, C. Zini, P.L Di Paolo, K. Lanciotti, C.Catalano, R. Passariello.

14) Staging of gastric cancer: A comparison between 64-MDCT and MRI

M. Anzidei, A. Napoli, B. Cavallo Marincola, C. Zini, P.L.Di Paolo, K. Lanciotti, C.Catalano, R. Passariello

15) Is there an incremental value for TC direct multi planar reconstruction in T staging of gastric cancer? A comparison with conventional axial images

M. Anzidei, A. Napoli, B. Cavallo Marincola, C. Zini, P.L.Di Paolo, K. Lanciotti, C.Catalano, R. Passariello

16) Metabolic syndrome and accelerated atherosclerosis. From clinical data to quantitative arterial involvement: An emerging application of whole body CT angiography

A. Napoli, M. Anzidei, B. Cavallo Marincola, C. Zini, P.L.Di Paolo, K. Lanciotti, C.Catalano, R. Passariello

17) Clinical impact of whole body computed tomography angiography (WB-CTA) in patients with suspected coronary artery disease: Incremental value of total atherosclerosis burden assessment

A. Napoli, M. Anzidei, B. Cavallo Marincola, C. Zini, P.L. Di Paolo, K. Lanciotti, C.Catalano, R. Passariello

18) Primary and secondary neoplasms of the small bowel: Appearance on MRI and MDCT

M. Anzidei, A. Napoli, P. Sedati, B. Cavallo Marincola, K. Lanciotti, C. Zini, P. DiPaolo, C. Catalano, R. Passariello

19) Radiographic, MRI and MDCT anatomy of abdominal viscera after major gastrointestinal surgery

M. Anzidei, A. Napoli, B. Cavallo Marincola, C. Zini, F. Francesco, P. Di Paolo, C. Catalano, R. Passariello

20) Do you really know what is inside your MR scanner? Advanced anatomy of the magnet for young residents and adult radiologists

M. Anzidei, A. Napoli, B. Cavallo Marincola, C. Zini, P. Di Paolo, C. Catalano, R. Passariello

### **SIRM 2008**

#### **Congresso Nazionale Società Italiana di Radiologia Medica/ 23-27 maggio 2008/ Roma**

21) Valore diagnostico delle ricostruzioni multiplanari TC ottenute direttamente dai dati grezzi nella stadiazione locale del carcinoma gastrico: confronto con le ricostruzioni assiali convenzionali

M. Anzidei, A. Napoli, B. Cavallo Marincola, P. Di Paolo, C. Catalano, R. Passariello

22) AngioRM con mdc intravascolare nella valutazione della patologia steno-occlusiva dei vasi epiaortici: valore incrementale delle sequenze ad alta risoluzione acquisite nello stato stazionario di circolo

M. Anzidei, A. Napoli, B. Cavallo Marincola, P. Di Paolo, C. Catalano, R. Passariello

### **ESCR 2008**

#### **European Society of Cardiac Radiology/ October 16-18/ Porto**

23) Metabolic Syndrome and Accelerated atherosclerosis. From Clinical data to Quantitative arterial involvement. An Emerging Application of Whole Body CT angiography

M. Anzidei, A. Napoli, B. Cavallo Marincola, C. Zini, D. Geiger, F. Zaccagna, P. Di Paolo, C. Catalano, R. Passariello

24) Influence of plaque composition, arterial diameter and technical adequacy on diagnostic performance of 64-row Coronary CT Angiography (cCTA). A prospective, cross-sectional study using conventional quantitative coronary angiography (QCA) as reference

A. Ascarelli, A. Napoli, M. Francone, F. Zaccagna, P. Di Paolo, D. Geiger, C. Catalano, R. Passariello

25) Whole-Body Contrast-Enhanced MR Angiography with Gadofosveset Trisodium in patients with supra-aortic arteries steno-occlusive disease

C. Zini, A. Napoli, M. Anzidei, B. Cavallo Marincola, D. Geiger, F. Zaccagna, P. Di Paolo, C. Catalano, R. Passariello

### **RSNA 2008**

#### **Radiological Society of North American/ November 30-December 5/ Chicago**

26) Influence of Plaque Composition, Arterial Diameter, and Technical Adequacy on Diagnostic Performance of 64 Coronary CT Angiography (cCTA): A Prospective, Cross-sectional Study Using Conventional Quantitative

Coronary Angiography(QCA) as Reference A.Ascarelli, A.Napoli, F.Zaccagna, M.Francone, P.L.DiPaolo, C.Catalano

27) Staging of Gastric Cancer: A Comparative Study with 64-MDCT and 1.5 T MRI  
B.Cavallo Marincola, A.Napoli, M.Anzidei, D.Geiger, P.L.DiPaolo, C.Catalano

### **ECR 2009**

**European Congress of Radiology/ marzo 6-10/ Vienna/ Austria**

28) Delayed enhancement of carotid atherosclerotic plaques as a marker of inflammation and instability: A magnetic resonance study using blood-pool contrast agent

M.Anzidei, B. Cavallo Marincola, A.Napoli, P. Di Paolo, C.Catalano, R.Passariello

29) Relative influence of plaque composition, arterial diameter and technical adequacy on diagnostic performance of 64-row coronary CT angiography (cCTA) using conventional quantitative coronary angiography (QCA) as reference

A. Ascarelli, A.Napoli, M.Francone, F.Zaccagna, D.Geiger, P.Di Paolo, C.Catalano, R.Passariello

30) Whole-body CT angiography: Insight on emerging application in clinical surveillance of patients with metabolic syndrome and accelerated atherosclerosis

B. Cavallo Marincola, A.Napoli, D.Geiger, P.Di Paolo, C.Catalano, R.Passariello

31) Increased subclinical atherosclerosis in patients with metabolic syndrome: Whole-body CT angiography for quantitative arterial involvement – results from a comparative study with a control population

A. Napoli, D.Geiger, P.Di Paolo, F.Zaccagna, C.Catalano, R.Passariello

### **ISMRM 2009**

**Honolulu**

32) Blood Pool Enhanced MRA of Carotid Arteries: Added Value of Steady State imaging

M.Anzidei, A.Napoli, B.Cavallo Marincola, F.Zaccagna, P.L.DiPaolo, D.Geiger, C.Zini, C.Catalano, R.Passariello.

33) Staging of Gastric Cancer: A Comparative Study with 64-MDCT and 1.5 T MRI

M.Anzidei, A.Napoli, B.Cavallo Marincola, F.Zaccagna, P.L.DiPaolo, D.Geiger, C.Zini, C.Catalano, R.Passariello

### **RSNA 2009**

**Radiological Society of North American/ November 29-December 4/ Chicago**

34) Influence of Plaque Composition on Diagnostic Performance of 64 Coronary CT Angiography (64-cCTA) and Dual-Source Coronary CT Angiography (DS-cCTA): A Preliminary Comparative Study Using Conventional Quantitative Coronary Angiography as Reference

A.Ascarelli, A.Napoli, M.Francone, F.Zaccagna, P.L.Di Paolo, C.Catalano

35) High-resolution Steady State MR Angiography of the Peripheral Arteries Using Gadobenate Dimeglumine: A Comparison with Conventional Angiography  
M.Anzidei, A.Napoli, B.Cavallo Marincola, P.L.Di Paolo, C.Catalano, R.Passariello

**ECR 2010**

**European Congress of Radiology/ marzo 4-8/ Vienna/ Austria**

36) High-resolution steady state MR angiography of the peripheral arteries using gadobenate dimeglutine: A comparison with CT angiography

M.Anzidei, A.Napoli, B.Cavallo Marincola, P.Di Paolo, C.Catalano, R.Passariello

37) Computed tomography angiography (CTA) in peripheral artery obstructive disease: Intention to diagnose study to evaluate the diagnostic performance of 64-CTA vs DSA; influence of plaque composition, reduced radiation dose and contrast medium volume

A.Napoli, M.Anzidei, B.Cavallo Marincola, P.L.Di Paolo, G.Brachetti, G.Cartocci, C.Catalano, R.Passariello

38) CT-angiography and MR-angiography after endovascular or surgical treatment in patients with peripheral arterial obstruction disease (PAOD): normal aspects and complications

P.L.Di Paolo, A.Napoli, F.Zaccagna, G.Brachetti, G.Cartocci, L.Molisso, C.Catalano, R.Passariello

39) Endovascular Repair of Abdominal Aortic Aneurysm (EVAR): Normal Findings and Common Signs of Complications on CT Angiography (CTA) and MR Angiography (MRA) with Emphasis on the Detection and Classification of Endoleaks

P.L.Di Paolo, A.Napoli, M.Anzidei, B.Cavallo Marincola, G.Brachetti, G.Cartocci, C.Catalano, R.Passariello

40) Comparison between Dual-Energy CT-Angiography, MR-Angiography and Digital Substraction Angiography for the evaluation of carotid artery stenosis:

A Prospective Study

P.L.Di Paolo, A. Napoli, M. Anzidei, C. Zini, F. Zaccagna, G. Brachetti, L. Molisso, C. Catalano, R. Passariello

41) Diffusion weighted echo planar imaging: Does MR provide accurate N staging in colon cancer?

C.Zini, A.Napoli, B.Cavallo Marincola, G.Brachetti, L.Molisso, G.Cartocci, P.L.Di Paolo, C.Catalano, R.Passariello

42) Volumetric CT perfusion of focal and multifocal malignant liver lesions: technique, clinical applications and correlation with conventional imaging

M.Anzidei, A.Napoli, B.Cavallo Marincola, P.L.Di Paolo, C.Catalano, R.Passariello

**SIRM 2010**

**Congresso Nazionale Società Italiana di Radiologia Medica/ 11-15 giugno 2010/ Verona**

43) Confronto tra Angio-TC Dual Energy (DE-CTA), Angio-RM (MRA) e Angiografia a sottrazione digitale (DSA) nella valutazione delle stenosi carotidee

P.Di Paolo, A.Napoli, G.Brachetti, G.Cartocci, C.Catalano, R.Passariello

44) Trattamento endovascolare dell'aneurisma aortico addominale (EVAR): reperti normali e segni comuni di complicanze in angio-TC (CTA) e in angio-RM (MRA) con diagnosi e classificazione degli endoleaks

P.Di Paolo, A.Napoli, G.Brachetti, G.Cartocci, C.Catalano, R.Passariello

### **RSNA 2010**

**Radiological Society of North American/ November 29-December 4/ Chicago**

45) Endovascular repair of abdominal aortic aneurysm (EVAR): Normal findings and common signs of complications on CT angiography (CTA) and MR angiography (MRA) with emphasis on the detection and classification of endoleaks

P.L.Di Paolo, A.Napoli, M.Anzidei, G.Brachetti, G.Cartocci, C.Catalano

### **ECR 2011**

**European Congress of Radiology/ marzo 3-7/ Vienna/ Austria**

46) Whole-body MRA in Takayasu arteritis: systemic assessment of arterial stenosis and related mural involvement

C.Zini, A.Napoli, G.Cartocci, L.Molisso, L.Di Mare, F.Zaccagna, P.Di Paolo, C.Catalano, R.Passariello

### **SIRM 2012**

**Congresso Nazionale Società Italiana di Radiologia Medica/ 01-05 giugno 2012/ Torino**

47) Carcinoma of Bladder Diverticulum

P.L Di Paolo, H.A Vargas, O Akin, H Hricak

### **RSNA 2012**

**Radiological Society of North American/ November 25-December 30/ Chicago**

48) Use of the Distance from the Tumor Margin to the Renal Hilum on MRI to predict Muscular Branch Renal Vein Invasion in Renal Cell Carcinoma

P.L Di Paolo, C A Karlo, O F Donati, P Russo, S Tickoo, H Hricak, O Akin

### **ECR 2013**

**European Congress of Radiology/ marzo 7-11/ Vienna/ Austria**

49) The role of CT as a staging tool and prognostic biomarker in the pretreatment evaluation of intra-diverticular bladder tumors

P.L Di Paolo, H.A Vargas, H Hricak

### **AUA 2013**

**Annual Meeting of the American Urological Association Education and Research Inc.  
/ May 04-08/ San Diego**

50) MRI analysis of Anatomical Landmarks with respect to inflatable penile prosthesis reservoir placement

J F Sullivan, P.L Di Paolo, C J Nelson, O Akin, J P Mulhall

### **SUO- Society of Urology Oncology 2013, Annual Meeting**

51) INTEROBSERVER VARIABILITY OF R.E.N.A.L., PADUA, AND CENTRALITY INDEX NEPHROMETRY SCORES [SEP]Massimiliano Spaliviero MD, Bing Ying Poon BA, Omer Aras MD, Pier Luigi Di Paolo MD, Giuliano B. Guglielmetti MD, Christian Z. Coleman, Christoph A. Karlo MD, Melanie L

Bernstein, Daniel D. Sjoberg MS, Oguz Akin MD and Jonathan A. Coleman MD <sup>[1]</sup><sub>[SEP]</sub>Memorial Sloan-Kettering Cancer Center, New York, NY

### **Convegno Nazionale della Sezione di Radiologia Uro-Genitale, Assisi 2013**

Avanzamenti in tema di Patologia Oncologia Uro-Genitale”

52) Studio di Fase I con HIFU della Prostata: Terapia ad Ultrasuoni Focalizzati con RM (MRgFUS) seguita da prostatectomia

P.L Di Paolo, A Napoli, G Cartocci, F Zaccagna, V Panebianco, C Catalano

### **ISMIRM, 24-25 Perugia 2013**

53) Non-invasive focal therapy of organ confined prostate cancer: Phase I study using Magnetic Resonance guided Focused Ultrasound technology and excision pathology for efficacy assessment

P.L Di Paolo, A Napoli, G Cartocci, F Zaccagna, V Panebianco, C Catalano

54) MR-guided high intensity focused ultrasound for non-invasive treatment of osteoid osteoma

F. Zaccagna, A. Napoli, G. Brachetti, P.L. Di Paolo, F. Boni, M. Del Monte, et al.

### **AUA 2014**

**Annual Meeting of the American Urological Association Education and Research Inc.**

**San Diego**

55) INTEROBSERVER VARIABILITY OF R.E.N.A.L., PADUA, AND CENTRALITY INDEX

NEPHROMETRY SCORES <sup>[1]</sup><sub>[SEP]</sub>Massimiliano Spaliviero MD, Bing Ying Poon BA, Omer Aras MD, Pier Luigi Di Paolo MD, Giuliano B. Guglielmetti MD, Christian Z. Coleman, Christoph A. Karlo MD, Melanie L

Bernstein, Daniel D. Sjoberg MS, Oguz Akin MD and Jonathan A. Coleman MD <sup>[1]</sup><sub>[SEP]</sub>Memorial Sloan-Kettering Cancer Center, New York, NY

56) Anatomical Surgical Complexity score system for partial nephrectomy.

Spaliviero M, Poon BY, Aras O, Karlo CA, Di Paolo PL, Guglielmetti GB, Campos-Juanatey F, Bernstein ML, Sjoberg DD, Akin O, Touijer KA.

### **29th Annual Congress of the European Association of Urology**

57) Interobserver variability of R.E.N.A.L., PADUA, and centrality index nephrometry scores

Massimiliano Spaliviero, Bing Ying Poon BA, Omer Aras, Pier Luigi Di Paolo, Giuliano B. Guglielmetti, Christian Z. Coleman, Christoph A. Karlo, Melanie L Bernstein, Daniel D. Sjoberg, Oguz Akin, Jonathan A.

Coleman <sup>[1]</sup><sub>[SEP]</sub>Memorial Sloan-Kettering Cancer Center, New York, NY

### **ECR 2014**

**European Congress of Radiology/ Marzo / Vienna/ Austria**

58) Non-invasive focal therapy of organ confined prostate cancer: Phase I study using Magnetic Resonance guided Focused Ultrasound technology and excision pathology for efficacy assessment

P.L Di Paolo, A Napoli, G Cartocci, F Zaccagna, V Panebianco, C Catalano



## **SIRM 2014**

**Congresso Nazionale Società Italiana di Radiologia Medica/ 22-25 maggio 2010/ Verona**

59) Studio di Fase I con HIFU della prostata: terapia ad ultrasuoni focalizzati con Risonanza Magnetica (MRgFUS) seguita da prostatectomia.

P.L Di Paolo, A Napoli, G Cartocci, F Zaccagna, V Panebianco, C Catalano

## **RSNA 2014**

**Radiological Society of North American/ November 25-December 30/ Chicago**

60) Non-invasive focal therapy of organ confined prostate cancer: Phase I study using Magnetic Resonance guided Focused Ultrasound technology and excision pathology for efficacy assessment

P.L Di Paolo, A Napoli, G Cartocci, F Zaccagna, V Panebianco, C Catalano

## **ESPR 2015**

**European Society of Paediatric Radiology**

61) Imaging of paediatric ovarian tumours: experience in 82 cases

C Orazi, P.L Di Paolo, M.C Lucchetti, A Inserra, I Casazza, A Magistrelli, P.M.S Schingo, P Tomà

## **ESPR 2015**

**European Society of Paediatric Radiology**

62) Disappearing bone disease: the “boneless” leg

C Orazi, L Ruzzini, P.L Di Paolo, F.M Fassari, E Pacciani, M Colajacomo, A Bartuli, R De Vito, P Tomà

## **ESPR 2015**

**European Society of Paediatric Radiology**

63) Melorheostosis: “flowing candle wax” hyperostosis

C Orazi, F.M Fassari, L Ruzzini, P.L Di Paolo, E Pacciani, R De Vito, P Tomà

## **OIC 2015**

**Oncologic Imaging Course, Dubrovnik Croatia**

64) CT of renal cell carcinoma: assessment of collecting system invasion.

Di Paolo PL, Karlo CA, Hricak H, Tickoo SK, Russo P, Akin O.

## **WCPAG 2016**

**World Congress of Pediatric and Adolescent Gynecology**

65) Disorders of Sex Development (DSD). Role of Imaging: US and MRI findings

Orazi C, Cappa M, Bizzarri C, Silveri M, Di Paolo PL, Schingo PMS, Tomà P.

## **SIRM 2016**

**Congresso Nazionale Società Italiana di Radiologia Medica/ 15-18 settembre 2016/ Napoli**

66) Po Femminile: Ruolo dell'Imaging

Orazi Cinzia, Cappa Marco, Bizzarri Carla, Silveri Massimiliano, Di Paolo Pier Luigi, Tomà Paolo

**ESPR 2018****European Society of Pediatric Radiology**

67) The diagnosis of CNO (Chronic Non Bacterial Osteomyelitis): clinical presentation and WB-MRI appearances

D'Angelo P, Di Paolo PL, Rosendahl K, Insalaco A, Savelli S, Casazza I, Barbuti D, Cirillo M, Ording Muller LS, Avenarius D, Zadig P, Brandis E, Tomà P, Tanturri de Horatio L

**SIOP 2019**

Società Italiana di Otorinolaringoiatria Pediatrica, XXV Congresso Nazionale 23-25 ottobre

68) Linfadenopatie laterocervicali: 5 anni dalle prime linee guida

Di Paolo PL

**Emergenza COVID 19 – collaborazione Istituto Italo Latino Americano 2021**

Webinar 30 marzo 2021

L'imaging del COVID 19 in pediatria

Rome January 14th, 2022

In fede

Pier Luigi Di Paolo MD, PhD