

## **CURRICULUM VITAE**

**Dr. Aldo Eros De Vivo**

### **PERSONAL INFORMATIONS**

Name	Aldo Eros De Vivo
Telephone	3466717001
E-mail	devivoeros@gmail.com
Nationality	Italian
Date of birth	15 June 1987

### **MOTHER TONGUE**

Italian

### **OTHER LANGUAGES**

English

Reading Skills	Excellent
Writing Skills	Excellent
Verbal Skills	Excellent

## EDUCATION AND TRAINING

2006-2012

Medical Degree at “Campus Bio-Medico of Rome University” (graduation on 18<sup>th</sup> October 2012: full marks)

2013

Italian Medical Health System Registration

2013-2018

Residency in Radiology at “Campus Bio-Medico of Rome University” (graduation on 30<sup>th</sup> July 2018: full marks)

2017

Advanced Theoretical - Practical Course of Spinal Interventional Neuroradiology at “Istituto Oncologico del Mediterraneo” Viagrande (CT)

August 2017

Visiting Fellow in Interventional Neuroradiology at Montefiore Medical Center, University hospital for Albert Einstein College of Medicine, New York.

January - August 2018

Neuroradiology resident at Minimally Invasive Spine Department at “Istituto Oncologico del Mediterraneo” Viagrande (CT) training in the following CT guided procedures:

- Vertebral biopsy
- Vertebroplasty
- Sacroplasty
- Trans-articular facet fixation
- Intra-articular facet fixation
- Sacro-iliac fixation
- Interspinous spacer
- Pulsed ganglion neuromodulation
- Facet joint cryoablation and radioablation
- Sacro-iliac joint cryoablation and radioablation
- Sacro-iliac joint endoscopic ablation
- Facet joint infiltration with ozone/steroids
- Percutaneous discectomy
- Basivertebral Nerve Ablation

January 2020 – in progress

ESNR European course on spine radiology, diagnostic and interventional for the ESNR European Diploma in Spine Neuroradiology

## **TECHNICAL SKILLS AND COMPETENCES**

- Cardiac CT Course (Rome, 9-10 May 2014)
- Campus of interventional radiology (Pisa, 12-14 February 2015)
- Cardiac MR course (Rome, 11-12 May 2015)
- Mediterranean Interventional Oncology (Rome, 19-20 October 2015)
- Sardinia Spine (Santa Margherita di Pula 30 June - 2 July 2016)
- IV MAMMI Meeting: Diagnosis and percutaneous therapy of vertebral pathologies (Cagliari 12-13 December)
- 8th ESNR Diagnostic and Interventional Spine Course (Catania 28 - 30 June 2017)
- Sardinia Spine (Santa Margherita di Pula 14-16 June 2018)

## **ADDITIONAL INFORMATION**

Dr. Aldo Eros De Vivo is winner of the Louis A. Gilula mentored paper award 2020 of the 23<sup>rd</sup> annual symposium of the American Society of Spine Radiology, Los Angeles.

Dr. Aldo Eros De Vivo is member of:

- Organizing committee of the 9th ESNR advanced course of Higher Qualification in Spine Neuroradiology, diagnostic and interventional
- Organizing committee of the 2019 ESNR “Spine Full Hands-On course”
- European Society of Neuroradiology
- Italian Society of Radiology
- American Society of Spine Radiology

**Dr. Aldo Eros De Vivo is co-author in the following published papers:**

Percutaneous CT-guided lumbar trans-facet pedicle screw fixation in lumbar microinstability syndrome: feasibility of a novel approach.

Manfrè L, De Vivo AE, Al Qatami H, Ventura F, Zobel B, Midiri M, Chandra RV, Carter NS, Hirsch J. *Neuroradiology*. 2020 Sep;62(9):1133-1140. doi: 10.1007/s00234-020-02438-4. Epub 2020 May 5. PMID: 32367350

Intra-osseous basivertebral nerve radiofrequency ablation (BVA) for the treatment of vertebrogenic chronic low back pain.

De Vivo AE, D'Agostino G, D'Anna G, Qatami H, Gil I, Ventura F, Manfrè L. *J. Neuroradiology*. (2020). <https://doi.org/10.1007/s00234-020-02577-8>



Successful use of percutaneous interspinous spacers and adjunctive spinoplasty in a 9 year cohort of patients.

Manfre L, De Vivo AE, Al Qatami H, Own A, Ventura F, Zhou K, Chandra RV, Hirsch JA. *J Neurointerv Surg*. 2020 Jul;12(7):673-677. doi: 10.1136/neurintsurg-2019-015601. Epub 2020 Jan 22. PMID: 31974280

“Dark blood versus bright blood T2\* acquisition in cardiovascular magnetic resonance (CMR) for thalassaemia major (TM) patients: Evaluation of feasibility, reproducibility and image quality” Liguori C, Di Giampietro I, Pitocco F, De Vivo AE, Schena E, Mortato L, Pirro F, Cianciulli P, Zobel BB. *Eur J Radiol*. 2013 Oct 19. doi:pil: S0720-048X(13)00538-X. 10.1016/j.ejrad.2013.10.007.

“Relationship between myocardial T2\* values and cardiac volumetric and functional parameters in  $\beta$ -thalassemia patients evaluated by cardiac magnetic resonance in association with serum ferritin levels” C. Liguori, F. Pitocco, i. digiampietro, AE De vivo, E. Schena, P. Cianciulli, B. Beomonte Zobel *European Journal of Radiology*. 2013 Apr 29. pii: S0720-048X(13)00174-5. doi: 10.1016/j.ejrad.2013.03.025

Right Heart Involvement in Thalassaemia major patients: a cardiac MR (CMR) assessment. DOI 10 1007/s13244-013-0228-x *Insights Imaging* (2013) 4 (Suppl 1):S145 – S 384

Beta Thalassaemia as a new potential risk factor for left ventricular noncompaction (LVNC): a cardiac MR evaluation. DOI 10 1007/s13244-013-0228-x *Insights Imaging* (2013) 4 (Suppl 1):S145 – S 384

Pancreatic atrophy in Beta Thalassaemia population: morphological MR evaluation and correlation with pancreatic functional parameters. DOI 10 1007/s13244-013-0228-x *Insights Imaging* (2013) 4 (Suppl 1):S145 – S 384

**Dr Aldo Eros De Vivo has attended as co-author and presenter of scientific papers in the following meetings:**

Intra-osseous basivertebral nerve radiofrequency ablation (bnra) for the treatment of chronic vertebrogenic low back pain.

A.E. De Vivo. H.M. Al-Quatami - I.Gil. L.Manfrè. European Society of Neuroradiology 42nd Annual Meeting (Oslo 18-22 September 2019)

CT-guided Percutaneous Spacers after Spinoplasty treatment in patients affected by spinal canal stenosis: our 10-year experience

A.E. De Vivo. H.M. Al-Quatami L.Manfrè. American Society of Spine Radiology Annual Meeting (Scottsdale 14-18 February 2018)

Percutaneous CT-guided Trans-articular fusion: our experience

A.E. De Vivo. H.M. Al-Quatami L.Manfrè. American Society of Spine Radiology Annual Meeting (Scottsdale 14-18 February 2018)

“RM T2\* nelle ghiandole surrenali: definizione dei valori di normalità e correlazione con I tempi di rilassamento T2\* di Pancreas e miocardio in soggetti affetti da Beta Talassemia” C. Liguori, I. Di Giampietro, F. Pitocco, A. E. de Vivo, P. Cianciulli, B. B. Zobel. Italian National Radiology Society meeting SIRM. Turin, 1-5 June 2012

“Relationship between myocardial T2\* values and cardiac volumetric and functional parameters in Thalassemia Major (TM) patients evaluated by Cardiac Magnetic Resonance (CMR) in association with serum Ferritin levels” F. Pitocco, i.digiampietro, AE De vivo, P.Cianciulli, C. Liguori, B. Beomonte Zobel. European Society of Cardiac Radiology meeting ESCR. Barcelona, 24-26 October 2012

“T2\* Cardiac Magnetic Resonance (CMR) in Thalassemia Major (TM) patients assessment: Can myocardial iron overload be predicted by abdominal organs siderosis?”C. Liguori, F. Pitocco, I. Di Giampietro, A. E. de Vivo, P. Cianciulli, B. B. Zobel European Society of Cardiac Radiology meeting ESCR. Barcelona, 24-26 October 2012

“Cardiac T2\* MRI for the evaluation of myocardial iron overload in  $\beta$ -thalassemia patients: Assessment of correlation with adrenal and pancreatic siderosis” C. Liguori, I. Di Giampietro, F. Pitocco, A. E. de Vivo, P. Cianciulli, B. B. Zobel European Society of Cardiac Radiology meeting. Barcelona, 24-26 October 2012

“Dark Blood vs Bright Blood T2\* Acquisition in Cardiovascular Magnetic Resonance for Thalassemia Major Patients: Evaluation of feasibility, Reproducibility and Image Quality”. F. Pitocco, i.digiampietro, AE De vivo, C. Liguori, P.Cianciulli, B. Beomonte Zobel. Radiological Society of North America Meeting, Chicago 25-30 November 2012

“T2\* Cardiac Magnetic Resonance in Thalassemia Patients: Can Pancreatic Siderosis Predict Myocardial Overload?” C. Liguori, I. Di Giampietro, F. Pitocco, A. E. de Vivo, P. Cianciulli, B. B. Zobel Radiological Society of North America Meeting, Chicago 25-30 November 2012

Myocardial T2\* values and cardiac volumes-function in Thalssemia Major patients evaluated by cardiac magnetic resonance in association with blood parameters. C. Liguori, I. Di Giampietro, F. Pitocco, A. E. de Vivo, P. Cianciulli, B. B. Zobel Radiological Society of North America Meeting, Chicago 25-30 November 2012

Thalassemia major and right heart involvement: a cardiac MR (CMR) evaluation. C. Liguori, F. Pitocco I. Di Giampietro, , A. E. de Vivo, P. Cianciulli, B. B. Zobel Radiological Society of North America Meeting, Chicago 25-30 November 2012

“Right Heart Involvement in Thalassemia major patients: a cardiac MR (CMR) assessment” F. Pitocco, i.digiampietro, C. Liguori, AE De vivo, P. Cianciulli, B. Beomonte Zobel European Society of Radiology meeting, Vienna 7-11 March 2013

“Thalassemia Major vs Thalassemia Intermedia patients: which differences can be expected interms of LV volumes and function at CMR study” F. Pitocco, I.Digiampietro, C. Liguori, AE De vivo, F. Sorrentino, B. Beomonte Zobel European Society of Cardiac Radiology meeting, London 24-26 October 2013

“Cadiac Magnetic Resonance assessment of Right Heart in Thalassemia Patients: reference ranges and relationship between T2\* and RV function” I.Digiampietro, F. Pitocco C. Liguori, AE De vivo, F. Sorrentino, B. Beomonte Zobel European Society of Cardiac Radiology meeting, London 24-26 October 2013

“Comparison of cardiac left-right performance in Thalassemia Major (TM) and Thalassemia Intermedia (TI) patients using CMR: a myocardial T2\* analysis” F. Pitocco, AE. De Vivo, C. Liguori\*, I. Di Giampietro, A. Moscariello, F. Sorrentino\*\*, B. Beomonte Zobel European Society of Cardiac Radiology meeting, Paris 2-4 October 2014

**Dr Aldo Eros De Vivo is co-author of the following poster presentations in National and International Meetings:**

“Alterazioni volumetriche e funzionali del cuore destro in Pazienti affetti da Talassemia Major (TM) in corso di attraverso Risonanza Liguori, B. Beomonte Zobel Italian National Radiology Society meeting SIRM. Turin, 1-5 June 2012

“Cardiac Magnetic Resonance of Right Heart involvement in Patients with Thalassemia Major” F. Pitocco, i.digiampietro, AE De vivo, P.Cianciulli, C. Liguori, B. Beomonte Zobel European Society of Cardiac Radiology meeting ESCR. Barcelona, 24-26 October 2012

“T2\* Cardiac Magnetic Resonance (CMR) for the evaluation of Thalassemia Major (TM) patients: Prevalence of incidental extracardiac findings” I. Di Giampietro, F. Pitocco, A. E. de Vivo, C. Liguori, P. Cianciulli, B. Beomonte Zobel European Society of Cardiac Radiology meeting ESCR. Barcelona, 24-26 October 2012

“CTA and MR in the evaluation of coronary artery disease and myocardial iron overload in thalassemia patients” C. Liguori, I. Di Giampietro, F. Pitocco, A. E. de Vivo, P. Cianciulli, B. B. Zobel European Society of Cardiac Radiology meeting ESCR. Barcelona, 24-26 October 2012

“Cardiac Magnetic resonance assessment of myocardial T2\* values and cardiac volumetric-functional parameters in Thalassemia Major Patients in association with serum ferritin levels” F.

Pitocco, I. Digiampietro, AE De vivo, P. Cianciulli, C. Liguori, B. Beomonte Zobel European Society of Radiology meeting, Vienna 7-11 March 2013

“Right Ventricle dysfunction and liver iron overload in Thalassemia Intermedia Patients: a Cardiac Magnetic Resonance evaluation” F. Pitocco, I. Digiampietro, C. Liguori, AE De vivo, F. Sorrentino, B. Beomonte Zobel European Society of Cardiac Radiology meeting, London 24-26 October 2013

“Thalassemia and chelation therapy as protective factor for Coronary Artery Disease: a cardiac CTA-MR study” F. Pitocco, I. Digiampietro, C. Liguori, AE De vivo, F. Sorrentino, B. Beomonte Zobel European Society of Cardiac Radiology meeting, London 24-26 October 2013