



BIOGRAPHICAL

- **Name:** Roberto Miraglia
- **Date of Birth:** 01.july.1971
- **Place:** Palermo, Italy
- **Citizenship:** Italian
- **Business Address:** Mediterranean Institute for Transplantation and Advanced Specialized Therapies (ISMETT), Via Tricomi 5, 90127, Palermo, Italy
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EDUCATION

- **Undergraduate:** 1985-1989, Liceo Scientifico Statale "S. Cannizzaro", Palermo
- **Graduate:** 1990-1996, University of Palermo School of Medicine, M.D.
- **Residency:** 1997-2000, University of Palermo School of Medicine. Department of Radiology.
- **Clinical Fellowship:** 2001 – 2002, ISMETT, Palermo, Radiology Services, Abdominal Interventional Radiology.

PROFESSIONAL TRAINING AND ACADEMIC APPOINTMENT

- **Junior Attending Radiologist:** 7/2002-7/2004, ISMETT, Palermo, Radiology Services.
- **Attending Radiologist:** 7/2004 till now, ISMETT, Palermo, Radiology Services.
- **Deputy Chief:** 3/2016 – 1/2019, ISMETT, Palermo, Radiology Services.
- **Chief:** 2/2019 till now, ISMETT, Palermo, Radiology Services.
- **Visiting Adjunct Associate Professor of Radiology:** 7/2014 till now, University of Pittsburgh School of Medicine, Department of Radiology.

ISMETT is a partnership between the University of Pittsburgh Medical Center Health System and the Italian National Government. From November 2009 till now ISMETT has received accreditation by Joint Commission International. In September 2014, the Italian Ministry of Health recognized ISMETT as one out of 49 italian IRCCS, hospitals of excellence conducting clinical and translational research recognized with direct impact on patient care.

CERTIFICATION AND LICENSURE

Specialty Certification: Radiology, 2000
Italian Medical License: M.D., 1996

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

Italian Medical Board (Ordine dei Medici) (n° 12284)
Cardiovascular and Interventional Radiological Society of Europe (CIRSE)

OVERVIEW OF RADIOLOGICAL SKILLS

Interventional radiology procedures currently performed in pediatric patients as first operator:

Percutaneous biliary procedures (PTBD, bilioplasty, cholangiogram); management of vascular complications after liver and kidney transplant; US guided liver biopsy; transjugular liver biopsy; TIPS; HVPG measurement; US guided kidney biopsy; nephrostomy catheter placement; US guided abdominal and thoracic drainage placement; central line placement; tunneled catheter placement, retrograde portography, porto-systemic shunt closure, percutaneous portal vein embolization pre-hepatectomy.

Interventional radiology procedures currently performed in adult patients as first operator:

TACE; RFA/MWA; SIRT; percutaneous portal vein embolization pre-hepatectomy; liver venous deprivation pre-hepatectomy; TIPS; revision TIPS; HVPG measurement; percutaneous biliary procedures (PTBD, bilioplasty, cholangiogram); management of vascular complications after liver, kidney and pancreas transplant; US guided liver biopsy; transjugular liver biopsy; inferior vena cava filter placement/removal; US guided kidney biopsy; nephrostomy catheter placement; US guided abdominal and thoracic drainage placement; CT guided lung biopsy; dialysis catheter placement; management of complications in dialysis fistulas; bronchial artery embolization; embolization in patients with active bleeding; US guided biopsy of transplanted pancreas.

Diagnostic skills

Imaging in transplant patients (donors and recipients of liver, lung, kidney, and pancreatic transplants); gastrointestinal imaging; imaging follow-up of TIPS patients; general abdominal, chest and neuro radiology.

HONORS AND AWARDS

- M.D. 1996, cum laude
- Radiology Resident, 2000, cum laude
- Distinguished reviewer for Cardiovascular and Interventional Radiology, 2011.
- Fellow of the Cardiovascular and Interventional Radiological Society of Europe, 2013.

LIST OF CURRENT RESEARCH INTERESTS

Portal hypertension; TIPS creation (https://www.youtube.com/watch?v=nN_qlCBijos); radiation dose reduction in interventional radiology procedures; HCC treatment; interventional radiology applied in liver and kidney transplantation complications in adults and pediatric recipients.

h-index: 24

<https://www.scopus.com/authid/detail.uri?authorId=23390480200>

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- 1) M. Midiri, M. Finazzo, S. Salerno, R. Miraglia, M. De Maria. Abdominal aorta coarctation: magnetic resonance angiography and digital subtraction angiography findings. *Radiologia Medica* 95: 247-250, 1998.
- 2) G. Sparacia, R. Miraglia, F. Barbiera, B. Sparacia, L. Polizzi. Hyperbaric oxygen therapy in a patient with Legg - Calvé – Perthes disease. *Radiologia Medica* 96: 621-623, 1998.
- 3) G. Sparacia, R. Miraglia, G. Brancatelli. One case of carbohydrate-deficient glycoprotein syndrome. MR findings. *Radiologia Medica* 97: 546-548, 1999.

- 4) C. Doria, L. Mandala', VL Scott, IR Marino, S Gruttadauria, R Miraglia, CH Vitale, J. Smith. Noncardiogenic pulmonary edema induced by a molecular adsorbent recirculating system: case report. *Journal of Artificial Organs*. 6(4):282-5, 2003
- 5) G. D'Amico, A. Luca, A. Morabito, R. Miraglia, M. D'Amico. Uncovered transjugular intrahepatic portosystemic shunt (TIPS) for refractory ascites. A meta-analysis of randomized controlled trials. *Gastroenterology*, 129:1282-1293, 2005
- 6) F. Vasta, A. Luca, R. Miraglia, M. Spada, S. Gruttadauria, R. Verzaro, D. Cintorino, L. Mandala', A. Arcadipane, G. Vizzini, B. Gridelli. Transjugular intrahepatic portosystemic shunt in adult liver recipient with delayed graft function. *Transplantation Proceedings*, 37, 2626 – 2628 (2005)
- 7) A. Luca, R. Miraglia, S. Caruso, M. Milazzo, B. Gridelli, J. Bosch. Effects of splenic artery occlusion on portal pressure in patients with cirrhosis and portal hypertension. *Liver Transplantation*, 2006, 12:1237-1243
- 8) S. Gruttadauria, A. Luca, L. Mandala', R. Miraglia, B. Gridelli. Sequential preoperative ipsilateral portal and arterial embolization in patients with colorectal liver metastases. *World Journal of Surgery*, 30: 1-3 (2006)
- 9) R. Miraglia, S. Caruso, M. Milazzo, P. Salis, A. Luca, B. Gridelli. Efficacy of interventional radiology procedures for the treatment of early ureteral complications after kidney transplantation. *Transplantation Proceedings*, 2006, 38(9):2919-2920
- 10) R. Miraglia, A. Luca, S. Gruttadauria, M. Minervini, G. Vizzini, A. Arcadipane, B. Gridelli. Contribution of transjugular liver biopsy in patients with the clinical presentation of acute liver failure. *Cardiovascular and Interventional Radiology*, 2006 Nov-Dec;29(6):1008-10
- 11) Marrone, S. Caruso, R. Miraglia, I. Tarantino, R. Volpes, A. Luca. A rare case of extrahepatic arteriportal fistula, depiction of one case and percutaneous treatment. *World Journal of Gastroenterology*, 2006, 12(34): 5562-5564
- 12) R. Miraglia, A. Luca, G. Marrone, S. Caruso, D. Cintorino, M. Spada, B. Gridelli. Percutaneous transhepatic venous angioplasty in a two year old patient with hepatic vein stenosis after partial liver transplantation. *Pediatric Transplantation*, 2007: 11:222-224
- 13) R. Miraglia, A. Luca, L. Maruzzelli, S. Caruso, K. Henderson, S. Riva, M. Spada, B. Gridelli. Percutaneous recanalisation of an occluded hepatico-jejunostomy, using Colapinto needle, in a 2 years-old patient after partial liver transplantation. *Pediatric Transplantation*, 2007: 11: 676-679
- 14) R. Miraglia, G. Pietrosi, L. Maruzzelli, I. Petridis, S. Caruso, G. Marrone, G. Mamone, G. Vizzini, A. Luca, B. Gridelli. Efficacy of transcatheter embolization/chemoembolization (TAE/TACE) for the treatment of single hepatocellular carcinoma (HCC). *World Journal of Gastroenterology*, 2007, 13(21) 2952-2955
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- 16) R. Miraglia, G. Pietrosi, L. Maruzzelli, I. Petridis, S. Caruso, G. Marrone, G. Mamone, G. Vizzini, A. Luca, B. Gridelli. Predictive factors of tumor response to the trans-catheter treatment in cirrhotic patients with HCC: a multivariate analysis of pre-treatment findings. *World Journal of Gastroenterology*, 2007 Dec 7;13(45):6022-6.
- 17) R. Miraglia, M. Traina, L. Maruzzelli, S. Caruso, M. Di Pisa, S. Gruttadauria, A. Luca, B. Gridelli. Usefulness of the "rendezvous" technique in living related right liver donors with post-operative biliary leakage from bile duct anastomosis. *Cardiovascular and Interventional Radiology*. 2008 Jan 15.
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- 20) M. Di Pisa, M. Traina, R. Miraglia, L. Maruzzelli, R. Volpes, S. Piazza, A. Luca, B. Gridelli. A case of biliary stones and anastomotic biliary stricture after liver transplant treated with the rendez - vous technique and electrokinetic lithotritor. *World Journal of Gastroenterology*. 2008 14(18): 2920-2923
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- 44) R. Miraglia, L. Maruzzelli, M. I. Minervini, R. Volpes, G. Vizzini, S. Gruttadauria, S. Caruso, A. Luca, B. Gridelli. Transjugular liver biopsy in liver transplant patients using an 18-gauge automated core biopsy needle. *Eur J Radiol*. 2011 Jan 4.
- 45) R. Miraglia, L. Maruzzelli, A. Luca. Transjugular intrahepatic porto-systemic shunt placement in a patient with left lateral split liver transplant and mesenterico-left portal vein by pass placement. *Cardiovasc Intervent Radiol*. 2011 Dec;34(6):1316-9.
- 46) A. Luca, R. Miraglia, S. Caruso, M. Milazzo, C. Sapere, L. Maruzzelli, G. Vizzini, F. Tuzzolino, B. Gridelli, J. Bosch. Short- and long-term effects of the transjugular intrahepatic portosystemic shunt on portal vein thrombosis in patients with cirrhosis. *Gut*. 2011, Feb 28.
- 47) S. Caruso, F. Crino' F, M. Milazzo, P. Vitulo, A. Bertani, G. Marrone, G. Mamone, L. Maruzzelli, R. Miraglia, V. Carollo, A. Luca, B. Gridelli. Thoracic complications following lung transplantation: 64-MDCT findings. *Clin Transplant*. 2011 Apr 7.
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- 49) G. Vizzini, M. Asaro, R. Miraglia, S. Gruttadauria, D. Fili, A. D'Antoni, Petridis I, G. Marrone, D. Pagano, B. Gridelli. Changing picture of central nervous system complications in liver transplant recipients. *Liver Transpl*. 2011 Jul 18.
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- 62) R. Miraglia, L. Maruzzelli, F. Tuzzolino, P. Indovina, A. Luca. Radiation exposure in biliary procedures performed to manage anastomotic strictures in pediatric liver transplant recipients: comparison between radiation exposures levels using an image intensifier and a flat panel detector-based system. *Cardiovasc Intervent Radiol*. 2013 Dec;36(6):1670-6
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- 23) Vasta, A. Luca, R. Miraglia, M. Spada, S. Gruttadauria, R. Verzaro, D. Cintorino, L. Mandala', A. Arcadipane, G. Vizzini, B. Gridelli. Tranjugular intrahepatic portosystemic shunt in adult liver recipient with delayed graft function. Società Italiana Trapianti D'organo, SITO, Roma, Nov. 2004
- 24) F. Vasta, A. Luca, R. Miraglia, M. Spada, S. Gruttadauria, R. Verzaro, D. Cintorino, L. Mandala', A. Arcadipane, G. Vizzini, B. Gridelli. Is the tranjugular intrahepatic portosystemic shunt useful in adult liver recipient with delayed graft function? International Liver Transplantation Society, Annual Meeting, Los Angeles, 20-25 July 2005.
- 25) R. Miraglia, A. Luca, S. Caruso, G. Marrone, M. Milazzo, B. Gridelli. Effects of transarterial embolization/chemoembolization for the treatment of single hepatocellular carcinoma not suitable for surgical resection or percutaneous ablation therapy. European Society of Gastrointestinal and Abdominal Radiology 2005, Firenze May 2005.
- 26) R. Miraglia, A. Luca, S. Caruso, G. Marrone, M. Lo Sciuto, B. Gridelli. Prognostic factors of long term survival in cirrhotic patients underwent transjugular intrahepatic portosystemic shunt for portal hypertensive complications: results of multivariate analyses. European Society of Gastrointestinal and Abdominal Radiology 2005, Firenze, May 2005.
- 27) A. Luca, G. Vizzini, R. Miraglia, S. Caruso, M. Milazzo, M. Lo Sciuto, B. Gridelli. Complications after 809 intraarterial treatments for hepatocellular carcinoma in 363 patients with cirrhosis: a comparison between different strategies of treatment. American Roentgen Ray Society 2005, annual meeting, New Orleans, May
- 28) A. D'Antoni, A. Luca, R. Miraglia, M. Milazzo, S. Caruso, B. Gridelli. Prognostic factors of long term survival in cirrhotic patients underwent transjugular intrahepatic portosystemic shunt for portal hypertensive complications: results of multivariate analyses. 13th United European Gastroenterology Week "UEGW 2005", Copenhagen, Denmark, 15-19 October 2005
- 29) A. Luca, R. Miraglia; J. Bosch; S. Caruso, M. Milazzo, B. Gridelli. Effects of Splenic Artery Occlusion on Portal Pressure in Patients with Cirrhosis and Portal Hypertension. Radiological Society of North America 2005 annual meeting, Chicago
- 30) G. Marrone, R. Miraglia, A. D'Antoni, S. Caruso, M. Milazzo, V. Carollo, A. Luca. Transjugular intrahepatic portosystemic shunt (TIPS) in pazienti affetti da sindrome di Budd-Chiari (SBC): nostra esperienza. 43 Congresso Nazionale Società Italiana di Radiologia Medica, Milano 23-27 June 2006
- 31) M. Spampinato, L. Mandalà, M. Spada, D. Cintorino, D. Biondo, A. Montesanto, S. Riva, S. Milito, K. Henderson, R. Miraglia, M. Minervini, B. Gridelli. Outcome analysis of three-years experience with pediatric liver transplantation at Istituto Mediterraneo per i trapianti e terapie ad alta specializzazione (IsMeTT). IV congress of the International Pediatric Transplant Association (IPTA), Concu, Mexico, March 2007.
- 32) M. Spampinato, R. Miraglia, M. Spada, L. Mandalà, D. Cintorino, D. Biondo, A. Luca, A. Montesanto, S. Riva, B. Gridelli. Management of anastomotic biliary stenosis after pediatric liver transplantation: a single center experience. IV congress of the International Pediatric Transplant Association (IPTA), Concu, Mexico, March 2007.
- 33) S. Gruttadauria, L. Mandala', A. Luca, R. Miraglia, L. Maruzzelli, B. Gridelli. Sequential Preoperative Ipsilateral Portal and Arterial Embolization in Patients with Liver Tumors. Meeting of the International Hepato Pancreato Biliary Association, 6-9 June 2007, Verona
- 34) S. Gruttadauria, L. Mandala', J. Petridis, E. Luna, R. Miraglia, S. Caruso, G. Vizzini, R. Volpes, J. W. Marsh, A. Luca, A. Marcos, B. Gridelli. Role of splenic artery embolization in the treatment of small for size syndrome in Adult to Adult Living Related Liver Transplantation. Meeting of the International Hepato Pancreato Biliary Association, 6-9 June 2007, Verona
- 35) A. Luca, M. Milazzo, S. Caruso, G. Marrone, G. Mamone, L. Maruzzelli, R. Miraglia. Hepatic Nodules Detected in Cirrhotic Patients Using High-performance MDCT and MRI: A Radiological-Pathological Correlation on Explanted Livers. Radiological Society of North America 2007 annual meeting, Chicago
- 36) A. Luca, R. Miraglia, L. Maruzzelli, G. Marrone, S. Caruso, G. Mamone. Beneficial Effects of TIPS on Partial Portal Vein Thrombosis (PVT) in Patients with Cirrhosis. Radiological Society of North America 2007 annual meeting, Chicago

- 37) A D'Antoni, A Luca, G Vizzini, R Miraglia, B Gridelli, J Bosch. Incidence, Outcome and Prognostic Factors of post TIPS Liver Dysfunction in Patients with Cirrhosis. American Association for the Studies of Liver Disease 2008 annual meeting, San Francisco
- 38) S. Caruso, M. Milazzo, G. Marrone, L. Maruzzelli, R. Miraglia, A. Luca. Multidetector CT hepatic findings in children with end stage biliary atresia. Radiological Society of North America 2008 annual meeting, Chicago
- 39) A. Luca, A. D'Antoni, R. Miraglia, G. Vizzini, B. Gridelli, J. Bosch. Incidence, outcome and prognostic factors of post TIPS liver dysfunction in patients with cirrhosis. ECR 2009 annual meeting, Wien.
- 40) M. Asaro, G. Vizzini, S. Gruttadauria, D. Fili, G. Pietrosi, R. Miraglia, M. Milazzo, A. Luca, D. Pagano and B. Gridelli. Clinical presentation and causes of central nervous system complications after liver transplant. April 2010, The International Liver Congress™ 2010 – the 45th annual meeting of the European Association for the Study of the Liver (EASL)
- 41) I. Petridis, R. Miraglia, S. Gruttadauria, D. Pagano, R. Volpes, A. Luca, G. Vizzini, U. Palazzo, B. Gridelli. Portal hypertension after liver transplantation. The International Liver Transplant Society Annual Meeting. Hong Kong, June 2010.
- 42) D. Fili, C. Falletta, C. Hernandez-Baravoglia, R. Miraglia, G. Vizzini, G. Di Gesaro, C Minà, F. Tuzzolino, A. Luca, B. Gridelli, J. Bosch. Acute volume expansion and TIPS fails to induce changes of impending heart failure in patients with refractory ascites. AASLD Liver Meeting nov.2011.
- 43) R. Miraglia, L. Maruzzelli, A. Luca. Transjugular liver biopsy in pediatric patients with left split liver transplantation and severe coagulation impairment. Radiological Society of North America 2011 annual meeting, Chicago
- 44) I. Petridis, R. Miraglia, S. Gruttadauria, R. Volpes, A. Luca, G. Vizzini, U. Palazzo, B. Gridelli. Risk factors for HCC recurrence after liver transplantation. Hellenic Congress of Gastroenterology, October 2011, Thessaloniki.
- 45) V. Bova, R. Miraglia, L. Maruzzelli, F. Tuzzolino, A. Luca. Predictive Factors of Downstaging of Hepatocellular Carcinoma Beyond the Milan Criteria Treated with Intra-arterial Therapies in Patients Suitable for Liver Transplantation. Radiological Society of North America 2012 annual meeting, Chicago.
- 46) L. Maruzzelli, G. Mamone, R. Miraglia, L. Indovina, A. Luca. Patient doses in liver transplanted children with biliary strictures treated with interventional radiology procedures: a single centre survey. ECR 2013 annual meeting, Wien.
- 47) K Cortis, R Liotta, R Miraglia, S Caruso, A Luca. Delayed washout on the hepatospecific phase of Gd-BOPTA MRI in the characterisation of arterial-enhancing HCCs lacking washout on the portal venous and equilibrium phases. Radiological Society of North America 2013 annual meeting, Chicago.
- 48) R Miraglia, L Maruzzelli, K Cortis, F Tuzzolino, R Gerasia, A Luca. Evaluation of the difference in radiation exposure levels between image intensifier and flat panel detector-based systems in pediatric patients with biliary strictures post-liver transplantation treated with interventional radiological procedures. Radiological Society of North America 2013 annual meeting, Chicago.
- 49) S. Mandal, R. Miraglia, L. Maruzzelli, K. Cortis, R. Liotta, A. Luca. Utility of Real-time US-guided Percutaneous Liver Biopsy in Pediatric Liver Transplant Recipients. ECR 2014 annual meeting, Wien.
- 50) Luca A, Miraglia R, Maruzzelli L, Vizzini G, D'Amico M, Tuzzolino F. TIPS for refractory ascites in cirrhosis: a single –centre experience using 8-mm and 10 mm diameter expanded-polytetrafluoroethylene (e-PTFE) covered stent. International Liver Congress (EASL) 2014, London UK.
- 51) Luca A, Miraglia R, Maruzzelli L, Vizzini G, D'Amico M, Tuzzolino F. Early, unexpected, liver failure after TIPS placement in cirrhotic patients with relatively preserved liver function (MELD ≤ 12): incidence, outcome and prognostic factors. International Liver Congress (EASL) 2014, London UK.
- 52) Luca A, Miraglia R, Maruzzelli L, Vizzini G, D'Amico M, Tuzzolino F. TIPS for refractory ascites in cirrhosis: a single –centre experience using 8-mm and 10 mm diameter expanded-polytetrafluoroethylene (e-PTFE) covered stent. CIRSE 2014, Glasgow UK.
- 53) Luca A, Miraglia R, Maruzzelli L, Vizzini G, D'Amico M, Tuzzolino F. Early, unexpected, liver failure after TIPS placement in cirrhotic patients with relatively preserved liver function (MELD ≤ 12): incidence, outcome and prognostic factors. CIRSE 2014, Glasgow UK.
- 54) A Luca, R Miraglia, L Maruzzelli, G Vizzini, M D'Amico, F Tuzzolino. Early, Unexpected, Liver Failure after TIPS Placement in Cirrhotic Patients with Relatively Preserved Liver Function (MELD ≤ 12): Incidence, Outcome and Prognostic Factors. Radiological Society of North America 2014 annual meeting, Chicago.

- 55) R Miraglia, Luigi Maruzzelli, R Gerasia, S Maggio, A Luca. Comparison between Radiation Exposures Levels Using an Image Intensifier and A Flat Panel Detector-based System in Image-guided Central Venous Catheter Placement in Pediatric Patients Weighing Less than 10 kg. Radiological Society of North America 2014 annual meeting, Chicago.
- 56) M. D'Amico, R. Miraglia, L. Maruzzelli, G. Gallo, A. Luca. Real-time ultrasound-guided pigtail catheter placement in supine position for drainage of symptomatic pleural effusions in pediatric patients underwent liver transplantation. ECR 2015 annual meeting, Wien.
- 57) M. D'Amico, R. Miraglia, L. Maruzzelli, C. Tafaro, R. Gerasia, A. Luca. Digital subtraction angiography during TIPS creation or revision: data on radiation exposure and image quality obtained using a standard and a low dose acquisition protocol in a flat panel detector-based system. ECR 2015 annual meeting, Wien.
- 58) I. Petridis, R. Miraglia, D. Pagano, S. Gruttadauria, R. Volpes, G. Vizzini, M. Spada, A. Luca, B. Gridelli. Acute Liver Failure secondary to HBV infection as an emergent cause for Liver Transplantation. A single center experience in a southern Mediterranean region of Italy. ITLS 2015 annual meeting, Chicago.
- 59) K. Cortis, R. Liotta, R. Miraglia, S. caruso, F. Tuzzolino, A. Luca. Utilising the full potential of MRI in the diagnosis of HCC – time for a game changer? Radiological Society of North America 2015 annual meeting, Chicago.
- 60) R. Miraglia, L. Maruzzelli, M.D'Amico, A. Luca. Long-term (>5 years) clinical and histological follow-up of successful radiological percutaneous treatment of biliary strictures in pediatric liver transplant recipients. Radiological Society of North America 2015 annual meeting, Chicago
- 61) I. Petridis, M. D'Amico, R. Miraglia, L. Maruzzelli, F. Tuzzolino, G. Vizzini, A. Luca. Polytetrafluoroethylene (e-PTFE) Covered Transjugular Intrahepatic Portosystemic Shunt (TIPS) After Liver Transplantation: Single Center Experience. ILTS 2016 Annual Meeting, Seoul, Korea.
- 62) R. Miraglia, R. Gerasia, L. Maruzzelli, M. D'Amico, A. Luca. Radiation doses to operators performing transjugular intrahepatic portosystemic shunt using a flat-panel detector based system and real-time ultrasound guidance for portal vein targeting. CIRSE 2016, Barcelona, Spain.
- 63) R. Gerasia, S. Degiorgio, C. Tafaro, G. Gallo, A. Cucchiara, K. Cortis, L. Maruzzelli, R. Miraglia. Evaluation of radiation exposure in central venous catheter (CVC) placement in paediatric patients using two fluoroscopy protocols on a flat-panel system. ECR 2017 annual meeting, Wien.
- 64) R. Gerasia, S. Degiorgio, C. Tafaro, G. Gallo, A. Cucchiara, K. Cortis, L. Maruzzelli, R. Miraglia. Occupational radiation doses to operators performing fluoroscopically-guided diagnostic and therapeutic hepatobiliary interventional procedures: a single-centre study. ECR 2017 annual meeting, Wien.
- 65) R. Miraglia, L. Maruzzelli, I. Petridis, G. Marrone, A. Luca. Preliminary experience of TIPS creation using the new controlled-expansion e-PTFE covered stent. ECR 2018 annual meeting, Wien.
- 66) G Sparacia, C Alms , G Parla , V Lo Re , A Iaia , R Miraglia , J De Ville De Goyet. Computational approach to assess cognitive outcome in pediatric patients with hepatic encephalopathy associated to a portosystemic shunt undergoing liver vascular shunt correction. ASNR 2023 annual meeting. Chicago.

PUBLISHED POSTERS

- 1) S. Salerno, R. Miraglia, U. Burgio, G. Paviglianiti, E. Bentivegna, R. Lagalla Valutazione dei parametri seminali dopo sclero-embolizzazione del varicocele. 38° congresso nazionale SIRM Milano 23/27 May 1998.
- 2) G. Sparacia, R. Miraglia, F. Barbiera, N. Nicastro, B. Sparacia. Imaging della necrosi asettica della testa del femore bilaterale in trattamento ossiperbarico. 38° congresso nazionale SIRM Milano 23/27 May 1998.
- 3) G. Sparacia, A. Banco, N. Nicastro, R. Miraglia, G. Brancatelli, M. Midiri. MR findings in hypogonadropic pituitary insufficiency in trasfusional hemochromatosis complicating thalassemia major. European Society for Magnetic Resonance in Medicine and Biology 15° annual meeting, Ginevra 17-20 Sept. 1998.
- 4) G. Sparacia, A. Banco, N. Nicastro, R. Miraglia, G. Brancatelli, G. La Tona, R. Lagalla. MR findings in hypogonadropic pituitary insufficiency in trasfusional hemochromatosis complicating thalassemia major. European Society of Neuroradiology XXIV congress, Lisbon 23-26 Sept. 1998.

- 5) G. Brancatelli, G. Sparacia, A. Banco, V. D'Antonio, M. Galia, R. Miraglia, T. Angileri, R. Lagalla. The reversal sign revisited: imaging of global cerebral ischemia. European Congress of Radiology 2000, Wien 5-10 Mar. 2000
- 6) G. Brancatelli, A. Banco, R. Miraglia, T. Angileri, R. Lagalla. Segno dell'inversione nell'ischemia cerebrale globale: aspetti radiologici. 39° Congresso Nazionale SIRM, Milano 10-14 Jun. 2000
- 7) G.B. Vizzini, A. Luca, A. D'Antoni, R. Miraglia, U. Palazzo, G. Pietrosi, L. Mandala', S. Gruttadauria, T. Piazza. B. Gridelli. Low drop-out rate from liver transplant waiting list in patients with hepatocellular carcinoma (HCC) treated with intra-arterial chemoembolization (TACE/TAE). American Transplant Society, Boston, May 2004
- 8) G.B. Vizzini, A. Luca, A. D'Antoni, R. Miraglia, U. Palazzo, M.P. Milazzo, S. Caruso, R. Volpes, G. Ferrandelli, A. Arcadipane, B. Gridelli. TACE/TAE in treatment of early hepatocellular carcinoma (HCC) in patients not suitable for local regional ablation therapy. EASL, Berlin, April 2004
- 9) R. Miraglia, A. Luca, S. Caruso, G. Mamone, G.B. Vizzini, M. Milazzo, B. Gridelli. Complications after 809 intra-arterial treatments for hepatocellular carcinoma in 363 cirrhotic patients: a comparison between different strategies of treatment. European Society of Gastrointestinal and Abdominal Radiology 2005, Firenze May 2005.
- 10) R. Miraglia, A. Luca, S. Caruso, A. D'Antoni, M. Milazzo, G. Marrone, B. Gridelli. Stent dysfunction following transjugular intrahepatic portosystemic shunt using a bare stent: site of stenosis, effects of percutaneous interventions and long term follow-up. European Society of Gastrointestinal and Abdominal Radiology 2005, Firenze, May 2005.
- 11) R. Miraglia, A. Luca, S. Caruso, G. Vizzini, G. Marrone, M. Milazzo, B. Gridelli. Transjugular intrahepatic portosystemic shunt in patients with Budd-Chiari syndrome: experience in a single transplant centre. European Society of Gastrointestinal and Abdominal Radiology 2005, Firenze May 2005.
- 12) A. Luca, M. Spada, R. Miraglia, D. Cintorino, G. Marrone, S. Clarizia, S. Riva, B. Gridelli. Doppler ultrasonography screening and percutaneous balloon angioplasty for hepatic artery stenosis after pediatric split liver transplantation. 3rd World Congress of the International Pediatric Transplant Association, Innsbruck, 6- 9 Aug. 2005.
- 13) S. Caruso, A. Luca, G. Mamone, R. Miraglia, M. Spada, B. Gridelli. Diffuse and Focal Liver Diseases in Neonatal and Pediatric Liver Transplant Candidates: A Pictorial Review. Radiological Society of North America 2005 annual meeting, Chicago
- 14) A. Luca, R. Miraglia, S. Caruso, M. Milazzo, B. Gridelli, J. Bosch. Effects of splenic artery occlusion on portal pressure in patients with cirrhosis and portal hypertension. European Society of Gastrointestinal and Abdominal Radiology 2006, Creta, June 2006.
- 15) G. Marrone, S. Caruso, I. Tarantino, G. Mamone, R. Miraglia, A. Luca. A rare case of portal hypertension secondary to extrahepatic arterio-portal fistula (APF), showed with MDCT and treated with percutaneous embolization. European Society of Gastrointestinal and Abdominal Radiology 2006, Creta, June 2006.
- 16) S. Caruso, M. Milazzo, G. Mamone, V. Carollo, L. Maruzzelli, R. Miraglia, A. Luca. MDCT evaluation of pediatric candidates to liver transplantation (LT). European Society of Gastrointestinal and Abdominal Radiology 2006, Creta, June 2006.
- 17) S. Caruso, G. Mamone, M. Milazzo, V. Carollo, R. Miraglia, A. Luca. Cisti peribiliari in pazienti con atresia delle vie biliari. 43 Congresso Nazionale Societa' Italiana di Radiologia Medica, Milano 23-27 June 2006
- 18) S. Caruso, M. Milazzo, G. Mamone, V. Carollo, R. Miraglia, A. Luca. Valutazione con MDCT dei candidati pediatrici al trapianto di fegato. 43 Congresso Nazionale Societa' Italiana di Radiologia Medica, Milano 23-27 June 2006
- 19) S. Caruso, G. Marrone, G. Mamone, R. Miraglia, A. Luca, I. Tarantino. Un raro caso di ipertensione portale secondaria a fistola arterio portale extraepatica (FAP) dimostrata con MDCT e trattata con embolizzazione. 43 Congresso Nazionale Societa' Italiana di Radiologia Medica, Milano 23-27 June 2006
- 20) G. Sparacia, A. Iaia, R. Miraglia, A. Schivaello, M. Parisi, F. Verderame, M. Governale. Ruolo della RM con sequenze di diffusione nella valutazione della patologia encefalica. 22 Congresso Nazionale Associazione Italiana di Neuroradiologia, Milano 4-6 october 2006.

- 21) S. Caruso, A. Luca, G. Mamone, G. Marrone, R. Miraglia, L. Maruzzelli, B. Gridelli. Sixty-four-MDCT for the evaluation of lung-only transplant recipient: a pictorial review. (Certificate of Merit). Radiological Society of North America 2006 annual meeting, Chicago
- 22) R. Miraglia, D. Cintorino, M. Spada, S. Riva, L. Maruzzelli, A. Luca, B. Gridelli. Percutaneous management of anastomotic biliary stenosis after pediatric liver transplantation. International workshop: Chronic liver disease from infancy to adulthood. Palermo 26-27 April 2007
- 23) R. Miraglia, L. Maruzzelli, S. Caruso, M. Milazzo, G. Marrone, G. Mamone, V. Carollo, G. Vizzini, A. Luca, B. Gridelli. Efficacy of transcatheter intraarterial embolization/chemoembolization for the treatment of single hepatocellular carcinoma in patients with cirrhosis. European Society of Gastrointestinal and Abdominal Radiology 2007, Lisbon, June 2007
- 24) A. Luca, R. Miraglia, G. Marrone, L. Maruzzelli, A. D'Antoni, G. Vizzini, B. Gridelli, J. Bosch. Beneficial effects of TIPS on partial portal vein thrombosis in patients with cirrhosis. American Association for the Studies of Liver Disease 2007, Boston Nov. 2007
- 25) R. Miraglia, A. Luca, L. Maruzzelli, S. Caruso, G. Marrone, V. Carollo. Interventional Radiology Procedures in Pediatric Patients Who Underwent Liver Transplantation. Radiological Society of North America 2007 annual meeting, Chicago
- 26) R. Miraglia, A. Luca, L. Maruzzelli, S. Caruso, G. Marrone, G. Mamone. Percutaneous Transcatheter Splenic Artery Embolization (SAE) after Liver Transplantation. Radiological Society of North America 2007 annual meeting, Chicago.
- 27) S. Caruso, G. Marrone, L. Maruzzelli, G. Mamone, R. Miraglia, A. Luca. Magnetic Resonance Cholangiopancreatography (MRCP): Technique and Clinical Applications (Cum Laude). Radiological Society of North America 2007 annual meeting, Chicago.
- 28) G. Marrone, G. Mamone, S. Caruso, V. Carollo, R. Miraglia, A. Luca. Usefulness of Cardiac-MRI at 1.5T in the Evaluation of Adult Patients Candidate to Cardiac Surgery. Radiological Society of North America 2007 annual meeting, Chicago.
- 29) Giuseppe Mamone, Gianluca Marrone, Settimo Caruso, Roberto Miraglia, Luigi Maruzzelli, Angelo Luca. Role of Cardiac-MRI at 1.5T in the Evaluation of the Ischemic Mitral Valve Regurgitation. Radiological Society of North America 2007 annual meeting, Chicago.
- 30) Roberto Miraglia, Luigi Maruzzelli, Settimo Caruso, Mariapina Milazzo, Gianluca Marrone, Giuseppe Mamone, Vincenzo Carollo, Angelo Luca, Bruno Gridelli. Interventional radiology management of pediatric patients with biliary complications following liver transplantation. European Congress of Radiology 2008 annual meeting, Vienna
- 31) Marta Di Pisa, Roberto Miraglia, Luigi Maruzzelli, Mario Traina, Angelo Luca, Bruno Gridelli. The rendezvous technique in the treatment of large bile leak in living related liver transplant recipients and donors. ILTS, ELITA & LICAGE, July 9-12th, 2008, Paris, France
- 32) G. Marrone, G. Mamone, S. Caruso, M. Milazzo, R. Miraglia, A. Luca. The role of cardiac MRI in the evaluation of patients with idiopathic pulmonary arterial hypertension (IPAH) eligible to lung transplantation. Radiological Society of North America 2008 annual meeting, Chicago
- 33) R. Miraglia, L. Maruzzelli, S. Caruso, M. Milazzo, G. Marrone, G. Mamone, V. Carollo, A. Luca. Minimally invasive management of biliary complications after partial liver transplantation in adult and pediatric patients with two separate biliary anastomoses. European Congress of Radiology 2009 annual meeting, Vienna
- 34) I. Petridis, R. Miraglia, L. Maruzzelli, G. Pietrosi, D. Fili', A. D'antoni, R. Volpes, U. Palazzo, S. Gruttadauria, A. Luca, G. Vizzini, B. Gridelli. Recurrence of sinusoidal portal hypertension after liver transplantation. EASL Monothematic Conference Portal Hypertension: Advances in Knowledge, Evaluation and Management. Budapest, Hungary, January 22-24, 2009
- 35) R. Miraglia, A. Luca, L. Maruzzelli, M. Spada, S. Riva, B. Gridelli, J. Bosch. Portal hypertension and hepatic venous-venous communications in patients with biliary atresia. EASL annual meeting. Copenhagen, Denmark, April 22-26 2009.
- 36) R. Miraglia, S. Caruso, L. Maruzzelli, M. Milazzo, V. Carollo, A. Luca. Biliary Atresia in Pediatric Patients Candidates for Liver Transplantation: A Review of Diagnostic and Interventional Radiology Procedures. Radiological Society of North America 2009 annual meeting, Chicago

- 37) L. Maruzzelli, R. Miraglia, S. Caruso, M. Milazzo, G. Mamone, A. Luca. Percutaneous Endovascular Treatment of Hepatic Artery Stenosis in Adult and Pediatric Patients following Liver Transplantation. Radiological Society of North America 2009 annual meeting, Chicago
- 38) R. Miraglia, I. Petridis, L. Maruzzelli, M. I. Minervini, S. Gruttadauria, G. Vizzini, A. Luca, B. Gridelli. Recurrence of sinusoidal portal hypertension after liver transplantation. European Congress of Radiology 2010 annual meeting, Vienna.
- 39) R. Miraglia, L. Maruzzelli, S. Caruso, M. Milazzo, G. Marrone, A. Luca. Transjugular liver biopsy in liver transplant patients using an 18-Gauge automated core biopsy needle: Review of 183 consecutive procedures. European Congress of Radiology 2010 annual meeting, Vienna.
- 40) S. Caruso, R. Miraglia, L. Maruzzelli, M. Milazzo, A. Luca. Multi detector computed tomography hepatic findings in children with end-stage biliary atresia. European Congress of Radiology 2010 annual meeting, Vienna.
- 41) R. Miraglia, L. Maruzzelli, S. Caruso, M. Milazzo, A. Luca. Hepatic vein pressure gradient measurement in children with intrahepatic portal hypertension. European Congress of Radiology 2010 annual meeting, Vienna.
- 42) D. Beswick, S. Caruso, G. Marrone, R. Miraglia, S. Gruttadauria, A. Zajko, A. Luca. A comparison of ultrasound and magnetic resonance colangiography in detection of biliary complications after liver transplantation.. European Congress of Radiology 2010 annual meeting, Vienna.
- 43) G. Marrone, R. Miraglia, G. Mamone, F. Crinò, S. Caruso, M. Milazzo, V. Carollo, L. Maruzzelli, A. Luca. Imaging of the main encephalic complications occurring after organ transplantation. European Congress of Radiology 2010 annual meeting, Vienna.
- 44) S. Gruttadauria, D. Pagano, G. Vizzini, I. Petridis, M. I. Minervini, A. Luca, R. Miraglia, A. Arcadipane, D. Cintorino, M. Spada, F. Tuzzolino, M. Traina, B. Gridelli. Single Center Report on Complications in Steroid-Free Immunosuppressive Therapy of Liver Transplant Recipients. June 16-19, 2010. ILTS 16th Annual International Congress, Hong Kong, China
- 45) R. Miraglia, L. Maruzzelli, M. Traina, S. Gruttadauria, A. Luca, B. Gridelli. Percutaneous placement of fully covered self expandable metallic stent in the management of anastomotic biliary strictures in patients with hepatico-jejunostomies: feasibility study with preliminary data in a case series. 12th congress of the Middle East Society for Organ Transplantation (MESOT). October 18 to 21, 2010, Tunis, Tunisia.
- 46) R. Miraglia, L. Maruzzelli, S. Caruso, M. Milazzo, S. Gruttadauria, M. Spada, A. Luca, B. Gridelli. Percutaneous endovascular treatment of hepatic artery stenosis in adult and pediatric patients following liver transplantation. 12th congress of the Middle East Society for Organ Transplantation (MESOT). October 18 to 21, 2010, Tunis, Tunisia.
- 47) R. Miraglia, L. Maruzzelli, M. Minervini, G. Vizzini, R. Volpes, S. Gruttadauria, S. Caruso, A. Luca, B. Gridelli. Transjugular liver biopsy in liver transplant patients using an 18 gauge automated core biopsy needle: review of 183 consecutive procedures. 12th congress of the Middle East Society for Organ Transplantation (MESOT). October 18 to 21, 2010, Tunis, Tunisia.
- 48) R. Miraglia, I. Petridis, L. Maruzzelli, M. Minervini, S. Gruttadauria, G. Vizzini, R. Volpes, A. Luca, B. Gridelli. Recurrence of sinusoidal portal hypertension after liver transplantation. 12th congress of the Middle East Society for Organ Transplantation (MESOT). October 18 to 21, 2010, Tunis, Tunisia.
- 49) R. Miraglia, L. Maruzzelli, S. Caruso, M. Milazzo, A. Luca. Measurement of Hepatic Vein Pressure Gradient in Children with Chronic Liver Diseases. Radiological Society of North America 2010 annual meeting, Chicago
- 50) R. Miraglia, L. Maruzzelli, S. Caruso, M. Milazzo, V. Carollo, A. Luca. Multimodality Imaging and Interventional Radiology Procedures in Pediatric Patients with Extrahepatic Portal Vein Obstruction Candidates for Porto-Systemic Surgical Shunt. Radiological Society of North America 2010 annual meeting, Chicago.
- 51) Sciveres M, Riva S, Scibilia G, Miraglia R, Maruzzelli L, Gridelli B, Maggiore G. The liver disease in Joubert syndrome related disorders (JSRD). XVII National Congress SIGENP, Pescara, October 2010
- 52) S. Caruso, R. Miraglia, M. Milazzo, G. Mamone, G. Marrone, V. Carollo, F. Crinò, L. Maruzzelli, A. Luca. Multi modality imaging of diffuse liver diseases in pediatric candidates for liver transplantation. European Congress of Radiology 2011, Vienna.
- 53) S. Caruso, R. Miraglia, M. Milazzo, G. Marrone, A. Luca. Uncommon vascular thoracic and abdominal anomalies detected with MDCT and 1.5 T MR in pediatric population. European Congress of Radiology 2011, Vienna.

- 54) S. Caruso, M. Milazzo, R. Miraglia, S. Gruttadauria, M. Spada, S. Li Petri, P. Catalano, A. Luca, B. Gridelli. Living related liver donor: pre-operative radiological evaluation and surgical techniques for adult and pediatric recipients. European Congress of Radiology 2011, Vienna
- 55) M. Milazzo, S. Caruso, R. Miraglia, V. Carollo, F. Crinò, A. Luca. Doppler US effective in detecting stent dysfunction after PTFE-covered transjugular intrahepatic portosystemic shunt (TIPS)? European Congress of Radiology 2011, Vienna.
- 56) G. Marrone, F. Crinò, G. Mamone, V. Carollo, S. Caruso, M. Milazzo, L. Maruzzelli, R. Miraglia, A. Luca. Pediatric Liver Transplant Complications: the Role of Imaging. European Congress of Radiology 2011, Vienna . (Cum Laude).
- 57) M. Milazzo, R. Miraglia, S. Caruso, G. Marrone, G. Mamone, V. Carollo, L. Maruzzelli, F. Crino', A. Luca. Medical devices in the intensive care unit: chest and abdomen x-rays in adult and pediatric population. European Congress of Radiology 2011, Vienna.
- 58) F. Crinò, G. Marrone, S. Caruso, G. Mamone, V. Carollo, M. Milazzo, L. Maruzzelli, R. Miraglia, A. Luca. The Role of Multimodality Imaging in the Blunt Abdominal Trauma. European Congress of Radiology 2011, Vienna.
- 59) R Miraglia, L Maruzzelli, A Luca. Ricanalization of dysfunctional transjugular intrahepatic portosystemic shunt, inaccessible to standard transvenous approaches, via the transvenous approach using the Colapinto needle to catheterize the occluded stent. Radiological Society of North America 2011 annual meeting, Chicago
- 60) R. Miraglia, L. Maruzzelli, S. Caruso, M. Milazzo, A. Luca. Serial transverse enteroplasty procedure: what a radiologist need to know. Radiological Society of North America 2011 annual meeting, Chicago (Certificate of Merit).
- 61) R Miraglia, L Maruzzelli, S Caruso, M Milazzo, F Crinò, A Luca. Transjugular intrahepatic portosystemic shunt placement in cirrhotic patients with thrombosis of portal vein: indications, technical considerations and results achievable. Radiological Society of North America 2011 annual meeting, Chicago.
- 62) R. Miraglia, L. Maruzzelli, A. Luca. Transjugular intrahepatic portosystemic shunt creation in partial liver transplant recipients with complications of portal hypertension. Radiological Society of North America 2012 annual meeting, Chicago. (Certificate of Merit).
- 63) R. Miraglia, L. Maruzzelli, S. Caruso, G. Marrone, A. Luca. Minimally Invasive Treatment of Acute Hepatic Artery Thrombosis Following Pediatric Liver Transplantation. Radiological Society of North America 2012 annual meeting, Chicago.
- 64) R. Miraglia, L. Maruzzelli, I. Tarantino, M. Traina, A. Luca. Minimally Invasive Treatment of Complications Following Pancreatic Surgery. Radiological Society of North America 2012 annual meeting, Chicago.
- 65) G. Rossi, L. Maruzzelli, M. Sciveres, R. Miraglia, A. Luca. Diagnosis of primary sclerosing cholangitis: magnetic resonance cholangiography vs. endoscopic retrograde cholangiography in children. Radiological Society of North America 2012 annual meeting, Chicago.
- 66) A.J. Parr, L. Maruzzelli, R. Miraglia, F. Tuzzolino, A. Luca. Quantification of Hepatic Steatosis: a Comparison of Computed Tomography and Magnetic Resonance Indices in Candidates for Living Liver Donation. Radiological Society of North America 2012 annual meeting, Chicago.
- 67) R Miraglia, L Maruzzelli, K Cortis MD, A Luca. Transjugular Intrahepatic Portosystemic Shunt creation in patients with portal vein cavernoma: the importance of a recognizable portal vein remnant. Radiological Society of North America 2013 annual meeting, Chicago.
- 68) K Cortis , R Miraglia, L Maruzzelli, R Gerasia, C Tafaro, A Luca. Removal of the grid during routine biliary interventional procedures performed in a flat panel interventional suite: preliminary data on image quality and patient radiation exposure. Radiological Society of North America 2013 annual meeting, Chicago
- 69) R. Miraglia, L. Maruzzelli, K. Cortis, S. Caruso, A. Luca. Interventional radiology procedures in pediatric patients with extra-hepatic portal vein obstruction and complications of portal hypertension. ECR 2014 annual meeting, Wien.
- 70) S. Mandal, R. Miraglia, L. Maruzzelli, K. Cortis, R. Liotta, A. Luca. Utility of Real-time US-guided Percutaneous Liver Biopsy in Pediatric Liver Transplant Recipients. ECR 2014 annual meeting, Wien.
- 71) K Cortis , R Liotta, R Miraglia, S Caruso, A Luca. Delayed washout on the hepatospecific phase of Gd-BOPTA MRI in the characterisation of arterial-enhancing HCCs lacking washout on the portal venous and equilibrium phases. International Liver Congress (EASL) 2014, London UK.

- 72) A Luca, R Miraglia, L Maruzzelli, M D'Amico, F Tuzzolino Acute changes in portal pressure gradient (PPG) after PTFE-covered TIPS in cirrhotic patients with portal hypertensive complications: Intraindividual comparison of 6-mm and 8-mm stent dilatation. International Liver Congress (EASL) 2014, London UK.
- 73) S. Caruso, R. Miraglia, L. Maruzzelli, S. Maggio, R. Gerasia, A. Luca. Comparison between radiation exposures levels using an image intensifier and a flat panel detector-based system in image-guided CVC placement in pediatric patients weighing less than 10 kg. 46 Congresso Nazionale Societa' Italiana di Radiologia Medica, Maggio 2014.
- 74) S. Caruso, J. Greenberg, G. Marrone, R. Miraglia, C. Parisi, A. Luca. T2W-BH-FRFSE MR Imaging before and after Gadolinium BOPTA: a Quantitative Comparison of Hepatic Solid Focal Lesions Conspicuity. 46 Congresso Nazionale Societa' Italiana di Radiologia Medica, Maggio 2014.
- 75) S Caruso, R. Miraglia, A Pasta, A Luca. Benign and Malignant Hepatic Liver Focal Lesions in Infant and Children. Radiological Society of North America 2014 annual meeting, Chicago
- 76) M. D'Amico, R. Miraglia, L. Maruzzelli, A. Luca. Rule of Hepatic Vein Pressure Gradient (HVP) in early graft dysfunction after liver transplantation. ECR 2015 annual meeting, Wien.
- 77) D. Pagano, R. Liotta, A. Tropea, F. Tuzzolino, G. Marrone, V. Carollo, G. Mamone, R. Miraglia, A. Luca, G. Vizzini, B. Gridelli, S. Gruttadauria. Small for Size Syndrome after Extended Liver Resection and Adult to Adult Living Related Transplantation: Analysis of Liver Volume Restoration and Hepatic Microarchitecture. ILTS annual meeting, Chicago.
- 78) R. Miraglia, L. Maruzzelli, G. Gallo, C. Tafaro, M.D'Amico, A. Luca Radiation exposure during transjugular intrahepatic portosystemic shunt creation: single center experience. CIRSE 2015 annual meeting, Lisbon.
- 79) R. Miraglia, L. Maruzzelli, M.D'Amico, A. Luca. Long-term (>5 years) clinical and histological follow-up of successful radiological percutaneous treatment of biliary strictures in pediatric liver transplant recipients. CIRSE 2015 annual meeting, Lisbon.
- 80) C. Parisi, R. Miraglia, A. Celick, J. Stancanello, R. Garcia-Alvarez, F. Tuzzolino, S. Caruso, G. Marrone, A. Luca. Clinical Value of Acoustic Noise Reduction for Liver MR Imaging Using a Quiet Liver Accelerated Volume Acquisition (q-LAVA) sequence. ECR 2016 annual meeting, Wien.
- 81) C. Parisi, R. Miraglia, A. Celick, R. Garcia-Alvarez, J. Stancanello, F. Tuzzolino, G. Marrone, A. Luca. Artefacts reduction in liver DWI using a new prototype sequence "System Correction for Imaging Reconstruction DWI". ECR 2016 annual meeting, Wien.
- 82) S. Aquilina, K. Cortis, R. Miraglia, L. Maruzzelli, A. Mizzi. Variant Hepatic Arterial Anatomy and Extrahepatic Arterial Supply in Hepatocellular Carcinoma (HCC) and Colorectal Metastases: Impact on Transarterial Chemoembolization (TACE) Planning and Technique. ECR 2016 annual meeting, Wien.
- 83) S. Degiorgio, S. Caruso, CJ Cannataci, R. Miraglia, K. Cortis. Imaging findings in congenital hepatic fibrosis. ESGAR annual meeting 2016. Prague.
- 84) L. Maruzzelli, M. D'Amico, I. Petridis, F. Tuzzolino, R. Miraglia, A. Luca. Polytetrafluoroethylene (e-PTFE)-covered transjugular intrahepatic portosystemic shunt (TIPS) after liver transplantation: a single-center experience. CIRSE 2016, Barcelona, Spain.
- 85) R. Gerasia, A. Cucchiara, E. Tranchina, P.L. Indovina, R. Miraglia. Esposizione radiogena del personale durante procedure di radiologia interventistica epatobiliare. AIRM 2016 annual meeting. Matera
- 86) S. Caruso, A di Piazza, R. Miraglia, L. Maruzzelli, G. Marrone, P. Vitulo, A. Bertani, A. Luca. Diagnostic Imaging and Minimally Invasive Interventional Procedures in Adult Patients with Complications after Lung Transplantation. Radiological Society of North America 2016 annual meeting, Chicago
- 87) G. Marrone, S Caruso, F Crino, V Carollo, P Vitulo, A di Piazza, R Miraglia, A Luca. High Resolution Computed Tomography in Idiopathic Pulmonary Fibrosis. Radiological Society of North America 2016 annual meeting, Chicago
- 88) G Mamone, S Caruso, G Marrone, G Gentile, R Miraglia, A Luca. Hepatic Regenerative Nodules in Budd-Chiari Syndrome: Enhancement Pattern on Gd-BOPTA Magnetic Resonance Imaging, with Emphasis of Hepatobiliary Phase. Radiological Society of North America 2016 annual meeting, Chicago
- 89) S Aquilina, S Caruso, K Cortis, C. J. Cannataci, G. Mamone, R Miraglia, A di Piazza, V Carollo. Abdominal Manifestations of Cystic Fibrosis: Role of Diagnostic and Interventional Radiology. Radiological Society of North America 2016 annual meeting, Chicago

- 90) S. Aquilina, C. Cannataci, G. Mamone, G. Marrone, V. Carollo, K. Cortis, R. Miraglia. Primary hepatic neuroendocrine tumors. ECR 2017 annual meeting, Wien.
- 91) R. Miraglia, L. Maruzzelli, S. Caruso, A. Di Piazza, S. Aquilina, A. Luca; Minimally invasive interventional procedures in patients with complications after lung transplantation. CIRSE 2017 annual meeting, Copenhagen.
- 92) R. Miraglia, L. Maruzzelli, F. di Francesco, J. de Ville de Goyet. Hepatofugal flow in the portal vein secondary to a large splenorenal shunt in a pediatric liver transplant recipient: diagnosis and minimally invasive endovascular treatment. CIRSE 2017 annual meeting, Copenhagen.
- 93) R. Miraglia, L. Maruzzelli, S. Aquilina, A. Luca. Combined percutaneous transhepatic transjugular intrahepatic portosystemic shunt in an adult patient with cavernous transformation of the portal vein (PV) and a completely calcified PV remnant. CIRSE 2017 annual meeting, Copenhagen.
- 94) I Petridis, R Volpes, A D'Antoni, G Pietrosi, L Maruzzelli, R Miraglia, A Luca. A novel TIPS-controlled expansion stent for the treatment of severe portal hypertension. A single center experience. AASLD 2017 annual meeting, Washington.
- 95) V. Carollo, S. Caruso, M. Milazzo, S. Aquilina, K. Cortis, G. Mamone, L. Maruzzelli, R. Miraglia, F. Di Francesco, J. De Ville de Goyet. Meso-Rex Bypass. What the Radiologist Needs to Know. Radiological Society of North America 2017 annual meeting, Chicago
- 96) G. Mamone, S. Caruso, M. Milazzo, S. Aquilina, K. Cortis, V. Carollo, R. Miraglia. Imaging of Cystic Pancreatic Lesions: A Guide to Differential Diagnosis. Radiological Society of North America 2017 annual meeting, Chicago
- 97) M. Milazzo, A. Di Piazza, S. Aquilina, G. Mamone, R. Miraglia, V. Carollo, S. Caruso, F. Crino', G. Marrone, L. Maruzzelli, G. Gentile. Pancreatic Transplantation: The Role of Diagnostic and Interventional Radiology in the Early Diagnosis and Management. Radiological Society of North America 2017 annual meeting, Chicago
- 98) V. Carollo, S. Caruso, S. Aquilina, K. Cortis, M. Milazzo, G. Mamone, G. Gentile, F. Crino', A. Di Piazza, G. Marrone, L. Maruzzelli, R. Miraglia. Diagnostic Imaging and Interventional Procedures in Complications of Kidney Transplantation. Radiological Society of North America 2017 annual meeting, Chicago (Certificate of Merit)
- 99) R. Gerasia, G. S. Gallo, C. Tafaro, S. Aquilina, L. Maruzzelli, R. Miraglia; Evaluation of radiation exposure during hepatobiliary interventional procedures: a single centre survey. ECR 2018 annual meeting, Wien.
- 100) G. Gentile, V. Carollo, G. Mamone, G. Marrone, G. Raffa, S. Caruso, M. Milazzo, F. Crino', R. Miraglia. Computed tomography angiography in aortic disease: what the surgeon needs to know. ECR 2018 annual meeting, Wien.
- 101) V. Carollo, G. Gentile, A. Di Piazza, G. Marrone, M. Milazzo, G. Mamone, F. Crino', S. Caruso, R. Miraglia. The role of Ultrasound in the early diagnosis of biliary atresia. ECR 2018 annual meeting, Wien.
- 102) G. Sparacia, V. Lo Re, K. Yamada, K. Sakai, R. Cannella, G. Gentile, G. Mamone, R. Miraglia. Brain core temperature of patients before and after orthotopic liver transplantation assessed by diffusion weighted imaging thermometry. ECR 2018 annual meeting.
- 103) R. Miraglia, L. Maruzzelli, S. Caruso, J. de Ville de Goyet. Hepatic vein stenting in a 7 weeks/old infant with Budd-Chiari syndrome using an antegrade approach from inferior accessory hepatic vein. CIRSE 2018 annual meeting, Lisbon.
- 104) R. Gerasia, C. Tafaro, G. Gallo, L. Maruzzelli, R. Miraglia. Radiation dose to operators performing hepatobiliary minimally invasive procedures in children weighing less than 20 kg. CIRSE 2018 annual meeting, Lisbon.
- 105) R. Miraglia, L. Maruzzelli, I. Petridis, R. Volpes, F. Tuzzolino, A. Luca. Transjugular intrahepatic portosystemic shunt using a new controlled expansion e-PTFE covered stent: single center experience with short term follow-up. CIRSE 2018 annual meeting, Lisbon.
- 106) R. Miraglia, F. Milana, L. Maruzzelli, S. Caruso, F. Di Francesco, J. de Ville de Goyet. Imaging and minimally invasive procedures performed in the management of children with porto-systemic shunts. CIRSE 2018 annual meeting, Lisbon.
- 107) L. Maruzzelli, R. Miraglia, I. Petridis, R. Volpes, F. Tuzzolino, A. Luca. Transjugular intrahepatic portosystemic shunt using a new controlled expansion e-PTFE covered stent: single center experience with short term follow-up. RSNA 2018 annual meeting, Chicago.

- 108) R Cannella, E Oddo; G Sparacia, V Lo Re, G Mamone, R Miraglia. Cortical Laminar Necrosis: Standard and Advanced MR Imaging Findings. RSNA 2018 annual meeting, Chicago.
- 109) G. Mamone, G. Gentile, G. Marrone, S. Caruso, V. Carollo, R. Miraglia. Magnetic Resonance Imaging of Myocarditis. ECR 2019 annual meeting
- 110) R. Gerasia, G.S. Gallo, C. Tafaro, C. Caruso, L. Maruzzelli, R. Miraglia. Occupational radiation dose during vascular and non-vascular pediatric procedures. ECR 2019 annual meeting
- 111) L. Maruzzelli, B. Cimo, R. Gerasia, G. Marrone, G. Mamone, R. Miraglia. Transjugular intrahepatic portosystemic shunt (TIPS) in patients with complete portal vein thrombosis or portal cavernoma: single institution retrospective analysis. ECR 2019 annual meeting
- 112) C. Cannataci, K. Cortis, S. Aquilina, V. Carollo, G. Mamone, R. Miraglia. Biliary variants and their surgical relevance .ECR 2019 annual meeting
- 113) R. Gerasia, L. Maruzzelli, R. Miraglia. Radiation exposure to pediatric patients and staff during retrograde wedge portography. CIRSE 2019 annual meeting, Barcelona.
- 114) B. Cimo', C. Cannataci, L. Maruzzelli, K. Cortis, R. Miraglia . Colapinto needle set vs Rosch-Uchida needle set: a systematic review of portal vein puncture-related complications during transjugular intrahepatic portosystemic shunt creation. CIRSE 2019 annual meeting, Barcelona.
- 115) R. Miraglia, L. Maruzzelli, B. Cimo', C. Cannataci, K. Cortis, A. Luca. Transjugular intrahepatic portosystemic shunt for management of refractory ascites in cirrhotic patients with complete portal vein thrombosis or cavernoma: clinical outcome. CIRSE 2019 annual meeting, Barcelona.
- 116) R. Miraglia¹, L. Maruzzelli¹, B. Cimo², C. Cannataci³, A. Luca¹;TIPS creation using the new controlled-expansion e-PTFE covered stent in cirrhotic patients with refractory ascites: mid-term outcome. CIRSE 2019 annual meeting, Barcelona.
- 117) R. Miraglia, L. Maruzzelli, A. Luca. Percutaneous recanalization of a segmental inferior vena cava occlusion using a Colapinto needle in a patient with situs viscerum inversus and symptomatic Budd-Chiari syndrome. CIRSE 2019 annual meeting, Barcelona.
- 118) R Gerasia, G Gallo; C Tafaro; C Caruso; G Gentile; R Miraglia. Radiation Exposure to Pediatric Patients and Staff During Retrograde Wedge Portography. RSNA 2019 annual meeting, Chicago.
- 119) S Caruso, A Jukna, M Beretta, G.Marrone, R Liotta, V Carollo, G Gentile, F Crino', A Di Piazza, G Mamone, M Milazzo, L Maruzzelli, R. Miraglia. Smoking-related Lung Diseases: HRCT Findings, Clinical and Pathological Correlations. RSNA 2019 annual meeting, Chicago.
- 120) V. Carollo, G. Mamone, C. Cannataci, C. Cortis, L. Maruzzelli, M. Milazzo, S. Caruso, F. Crino', A. Di Piazza, G. Marrone, G. Gentile, R. Miraglia. Imaging in the Evaluation of Potential Living Donor for Liver Transplantation RSNA 2019 annual meeting, Chicago.
- 121) G. Sparacia, G. Parla, M. Shariarhi, V. Lo Re, G. Mamone, A. Iaia, R. Miraglia. Assessment of Functional Connectome in End-Stage Organ Disease Patients After Life-Threatening Surgery. ASNR annual meeting 2020, Las Vegas.
- 122) R. Miraglia, L. Maruzzelli, R. Gerasia, A. Luca. Transjugular biopsy of a liver focal lesion in an obese patient using cone-beam computed tomography guidance. CIRSE 2020 (online meeting)
- 123) C. Cannataci, K. Cortis, S. Degiorgio, K. Chircop, L. Maruzzelli, R. Miraglia, A. Mizzi. Embolization of a large mediastinal bronchial artery aneurysm: a case report. CIRSE 2020 (online meeting)
- 124) R. Miraglia, R. Gerasia, L.Maruzzelli, A. Luca. Embolization of a ruptured renal angiomyolipoma in intensive care unit in a critically ill patient with SARS-COVID 19 respiratory infection and difficult mobilization due to ECMO and CRRT. CIRSE 2021 (online meeting)
- 125) R. Miraglia, L.Maruzzelli, A. Luca. Benin biliary strictures non responsive to percutaneous bilioplasty in pediatric patients after split liver transplantation: preliminary experience using novel biodegradable biliary stents. CIRSE 2021 (online meeting)
- 126) F. Modica, R. Barone, S. Caruso, L. Maruzzelli, R. Miraglia. A complex case of liver venous deprivation. ECIO 2022, annual meeting.
- 127) L. Maruzzelli, F. Tuzzolino, R. Miraglia, I. Petridis, A. Luca. Right vs left portal branch puncture in TIPS creation with controlled expansion covered stent: comparison of hemodynamic and clinical outcomes. CIRSE 2022, Barcelona

- 128) R. Miraglia, M. Rao, L.Maruzzelli. Combined trans-hepatic/trans-splenic portal system recanalization in a non-cirrhotic patients with cavernous transformation of the portal vein and previous gastro-esophageal bleeding. CIRSE 2023, Copenhagen.
- 129) R. Gerasia, L.Maruzzelli, R. Miraglia. Use of “alert levels” and “trigger levels” for skin injuries prevention in procedures with potential high dose for paediatric patients: a transplantation center experience. CIRSE 2023, Copenhagen.