

Curriculum Vitae

Emilio Quaia, M.D.

**Full Professor of Radiology
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EDUCATION – ACADEMIC HISTORY

1. University of Udine (Italy) MD 1995 Cum Laude.

Thesis: Monitoring of plasma levels of L-Dopa in patients with Parkinson's disease.

Medical Board Registration: November 1995

2. University of Trieste (Italy): Residency Training – Consultant Radiologist

Thesis: Radiologic-Pathologic correlation of cystic renal tumours.

3. Master in Management and Direction of Health Organizations, University of Trento (Italy), January 2010 – January 2011

4. Master in Statistical methods applied to clinical questions, University of Modena (Italy), June 2015 – June 2016

5. Personal Licence and Project Licence from Scottish Accreditation Board (SAB) for experimental work with small animals (rats and mice)

6. Senior Clinical Research Fellow / Honorary Consultant in Radiology (036170) – University of Edinburgh

GMC reference number: 4671710 Full registration in APS with a licence to practice

NRS Good Clinical Practice (GCP) Course – 15th November 2016 (RCPS Code: 102385)

6. **Present Position**: Full Professor of Radiology, University of Padova (Italy)

Director of Radiology Residency Program at University of Padova (Italy)

Director of Imaging Research at University of Padova (Italy)

Honorary Clinical Senior Lecturer University of Edinburgh (UK)

MEMBERSHIPS IN NATIONAL AND INTERNATIONAL PROFESSIONAL SOCIETIES

1999 - Società Italiana di Radiologia Medica (SIRM)

2000 - European Society of Radiology (ESR)

2004 - Radiologic Society of North America (RSNA)

2004 - European Society of Gastrointestinal and abdominal radiology (ESGAR)

2004 - European Society of Uroradiology (ESUR)

EMPLOYMENT HISTORY

✓ From 01/08/18 Full Professor and Chief of Radiology Department – University of Padua (Italy)

✓ From 01/10/16 to 01/08/18 Honorary Consultant in Radiology – Senior Research Fellow – University of Edinburgh (UK)

✓ From 01/10/2014 – august 2016 Associate Professor of Radiology – Consultant in Radiology - University of Trieste (Italy)

✓ From 1/11/99 to 30/09/14 Assistant Professor of Radiology - Consultant in Radiology - University of Trieste (Italy)

SABATIC PERIODS

- 01/06/2005 - 01/01/2006 Research Assistant - Molecular Imaging Research Memorial Sloan Kettering Cancer Center, New York (USA)

- 01/01/2005 – 15/03/2005 Observer – Department of Radiology AKH Hospital of Wien (Austria)

- 01/11/1999 - 30/08/2000 Research Assistant - Hammersmith Hospital London

HONORS, GRANTS, AND AWARDS

1. Philips Research Grant 2000 – European Congress Radiology - Research and Education Fund
2. Bracco - Rosati Award in Radiology Research 2002 - SIRM
3. Philips Research Grant 2004 - European Congress Radiology - Research and Education fund
4. Arduino Ratti Award in Radiology Research 2004 - SIRM
5. Research Grant in Molecular Imaging – NIH and ECR 2004
6. Radiology Editor’s Award 2006, 2007, 2008, 2009, 2011 – Special Distinction as reviewer for the journal Radiology
7. Radiology Editor’s Award 2010, 2019 – Distinction as reviewer for “Radiology”
8. Distinguished reviewer from the AJR from april 2007 to april 2008

ADVISORY GROUP:

- Consultant of the Society of Urogenital Radiology of SIRM up to 2010
- ESR Leadership Institute from 2013 up to 2014
- ESR audit and standards subcommittee 2014 - 2018

EDITORIAL BOARD:

- 1) Radiology (Section Ultrasonography) from 2013
- 2) European Radiology (Section Urogenital) from 2011
- 3) European Radiology (Section Editor Ultrasound) from 2007 to 2010
- 4) La Radiologia Medica (Sezione Urogenitale) from 2004 to 2010
- 5) Insights into imaging – Deputy Editor -

REVIEWER FOR THE FOLLOWING SCIENTIFIC JOURNAL:

- 1) Acta Radiologica
- 2) American Journal of Roentgenology
- 3) BMC Gastroenterology
- 4) European Radiology
- 5) European Journal of Radiology
- 6) International Journal of Shoulder Surgery
- 7) Insights into imaging
- 8) Journal Magnetic Resonance Imaging
- 9) Journal of thoracic imaging
- 10) Medical and Biological Engineering and Computing
- 11) Molecular Imaging and Biology
- 12) Nature Review Clinical Oncology
- 13) Polymer Engineering and Science
- 14) La Radiologia Medica
- 15) Radiology
- 16) Urology

BIBLIOMETRICS:

Number of papers on Web of Knowledge: 131

Number of citations on Scopus: 3173

Hirsch (Scopus): 30

Contemporary (Publish or perish): 32

CLINICAL ACTIVITY

I am a body imaging radiologist. I am involved in all the imaging fields, especially ultrasound (US and contrast-enhanced US), computed tomography (CT), and magnetic resonance (MR) imaging, with a particular dedication to the imaging of the abdomen and especially of the liver. I am involved from the diagnosis to the interventional treatment of focal liver lesions, both in normal and cirrhotic patients. I have a long experience in the ablation treatment of focal liver lesions – metastases and hepatocellular carcinoma -, including radiofrequency and microwave.

My second field of routine clinical work is the imaging of the bowel, especially US, contrast-enhanced US, CT enterography and MR enterography.

My third principal field is thoracic imaging and I am regularly involved in chest x-ray and chest CT interpretation. In this field I have an advanced experience in the digital tomosynthesis of the chest.

During my clinical duties I am also involved in CT and MR imaging of the brain and spine.

PAST AND PRESENT RESEARCH ACTIVITY and FUNDS

1. Philips Research Grant 2000 – Provided by the European Congress Radiology - Research and Education Fund
2. Bracco - Rosati Award in Radiology Research 2002 – Provided by the Italian Society of Radiology (SIRM)
3. Philips Research Grant 2004 - Provided by the European Congress Radiology - Research and Education fund
4. Arduino Ratti Award in Radiology Research 2004 - Provided by the Italian Society of Radiology (SIRM)
5. National Institutes of Health (NIH) Grant, 20892-Bethesda, Maryland, USA. Stipend in Molecular Imaging: Training in Oncology in Memorial Sloan-Kettering Cancer Centre, Department for Radiology, New York, USA NIH R25-CA096945 July 1st 2005 – June 10th 2006
6. Research Grant from the Italian Society of Radiology (SIRM) in 2010 titled: Early assessment of therapeutic outcome of liver metastases to chemotherapy by MR diffusion

Major accomplishments in research

My principal research interest is the multimodality imaging of the liver including US, contrast-enhanced US, CT, and MRI. Anyway, I wrote several papers also on multimodality imaging of Crohn's disease, renal disease, and pulmonary disease.

The second field is preclinical imaging with animals in the field of molecular imaging (microPET and microMR).

The third field is cardiac imaging.

I recommend the following publications in this field:

- 1) **Quaia E**, Bertolotto M, Dalla Palma L. Characterization of liver hemangiomas with Pulse Inversion Harmonic Imaging. *Eur Radiol* 2002; 12: 537-544.
- 2) **Quaia E**, Stacul F, Bertolotto M, Locatelli M, Pozzi Mucelli RS. Characterization of focal liver lesions with Pulse Inversion Harmonic Imaging (PIHI) using a second generation US contrast agent. *Acad Radiol*, 2002; 9 (suppl 2): S376-S379
- 3) **Quaia E**, Bertolotto M, Calderan L, Mosconi E, Pozzi Mucelli R. Characterization of focal hepatic lesions by intermittent high acoustic power imaging with SonoVue. *Acad Radiol* 2003; 10: 739 – 750.
- 4) **Quaia E**, Calliada F, Bertolotto M, Rossi S, Garioni L, Rosa L, Pozzi Mucelli R. Characterization of focal liver lesions by contrast-specific US modes and a sulfur

hexafluoride—filled microbubble contrast agent: diagnostic performance and confidence. *Radiology* 2004; 232: 420-430.

5) **Quaia E**, Palumbo A, Rossi S, Degobbis F, Cernic S, Tona G, Cova M. Comparison of visual and quantitative analysis for characterization of insonated liver tumors after microbubble contrast injection. *AJR Am Journal Roentgenology* 2006; 186: 1560 – 1570.

6) **Quaia E**, Nocentini A, Torelli L. Assessment of a new mathematical model for the computation of numerical parameters related to renal cortical blood flow and fractional blood volume by contrast-enhanced ultrasound. *Ultrasound Med Biol* 2009; 35 (4): 616 - 627.

7) **Quaia E**, Sozzi M, Angileri R, Gennari AG, Cova MA. Time-intensity curves obtained after microbubble injection can differentiate responders from non-responders among patients with clinically active Crohn's disease after six weeks of pharmacologic treatment. *Radiology* 2016; 281(2): 606-616.

Books – Editor:

- Quaia E (ed) *Contrast Media in ultrasonography: basic principles and clinical applications*. Springer Verlag, Heidelberg-New York, 2005 - ISBN: 3540407405

- Quaia E (ed) *Mezzi di contrasto in ecografia: Applicazioni Addominali*. Springer Italia, Milano, 2007 - ISBN: 978-88-470-0616-4

- Quaia E (ed) *Radiological imaging of the kidney*. Heidelberg-New York: Springer Verlag, Heidelberg-New York, 2011 - ISBN-10: 3540875964 | ISBN-13: 9783540875963

- Quaia E (ed) *Radiological imaging of the kidney (2nd edition)*. Heidelberg-New York: Springer Verlag, Heidelberg-New York, 2014 - ISBN: 978-3-642-54046-2

- Clevert D, D'Onofrio M, Quaia E (eds) *Atlas of Elastosonography: Clinical Applications with Imaging Correlations* – Springer 27 Nov 2016 Springer. 263 p. -ISBN: 978-3-319-44199-3 (Print) 978-3-319-44201-3 (Online)

- Quaia E, Dilip P, Weir G (eds) *Radiological imaging of of the liver and intra-hepatic biliary tract*. Heidelberg-New York: Springer Verlag, Heidelberg-New York, *Inpreparation*

CLINICAL TRIALS

The following Clinical Trials have been conducted in GCP-ICH according to local regulation:

1. Pilot study to evaluate the accuracy of unenhanced and SonoVue enhanced ultrasonography in the characterization of focal liver lesions versus a reference standard (Protocol Bracco, BR1-039);
2. A Phase II multicenter randomized study for the characterization of focal liver lesions using SonoVue-enhanced ultrasonography (Protocol Bracco, BR1-071);
3. Non-Invasive Characterization of renal masses using immuno-PET (Protocol PAR-05-114, at MSKCC in NY[USA]);
4. Pilot study of iodine-124 labeled chimeric G250 (124 I-cG250) in presurgical patients (Protocol IRB#: 05-004, at MSKCC in NY[USA]);
5. Pilot study trial testing two dose levels in targeting Lewis Y antigen in small cell lung cancer with a humanized monoclonal antibody, hu3S193 (Protocol IRB#: 05-006, at MSKCC in NY[USA])
6. Quantitative evaluation of SonoVue enhanced ultrasonography for early identification of subjects with hepatocellular carcinoma refractory to Sorafenib therapy: a Phase II explorative intra-patient comparative study versus contrast-enhanced MDCT/MRI imaging. (Protocol Bracco, BR1-129)

PROFESSIONAL SERVICE

- *Advisory group*: Consultant of the Society of Urogenital Radiology of SIRM up to 2010
- ESR Leadership Institute from 2013 up to 2014
- ESR audit and standards subcommittee from 2014

- *Editorial Board*:

- 1) *Radiology (Section Ultrasonography) from 2013*
- 2) *European Radiology (Section Urogenital) from 2011*
- 3) *European Radiology (Section Editor Ultrasound) from 2007 to 2010*

- 4) *La Radiologia Medica (Sezione Urogenitale) from 2004*
- 5) *Insights into imaging from 2018*
- 6) *Insights into imaging - Deputy Editor from 2020*
- 7) *Journal of Ultrasound – Deputy Editor from 2020*

Deputy Editor

Insights into Imaging from 2020

- Reviewer for the following scientific journals:

- 1) Acta Radiologica
- 2) American Journal of Roentgenology
- 3) BMC Gastroenterology
- 4) European Radiology
- 5) European Journal of Radiology
- 6) International Journal of Shoulder Surgery
- 7) Insights into imaging
- 8) Journal Magnetic Resonance Imaging
- 9) Journal of thoracic imaging
- 10) Medical and Biological Engineering and Computing
- 11) Molecular Imaging and Biology
- 12) Nature Review Clinical Oncology
- 13) Polymer Engineering and Science
- 14) La Radiologia Medica
- 15) Radiology
- 16) Urology

PAST AND PRESENT TEACHING ACTIVITIES

Associate Professor of Radiology at Department of Radiology, University of Trieste (Italy):

- 1) Teaching and education provided to medical students and residents in radiology in the field of Radiological Anatomy and Abdominal Radiology

- 2) General Radiology to Radiographers
- 3) General Radiology to Physiotherapy school;
- 4) General Radiology at school of Obstetrics
- 5) Resident teaching: abdominal and thoracic radiology

Assistant Professor of Radiology at Department of Radiology, University of Trieste (Italy):

- 1) Teaching and education provided to medical students and residents in radiology in the field of Radiological Anatomy and Abdominal Radiology;
- 2) General Radiology to Radiographers;
- 3) General Radiology to Physiotherapy school;
- 4) Molecular Imaging to Biotechnology School;

MANAGEMENT ACTIVITIES

Radiographers curriculum – Head and coordinator of the curriculum

Hepatobiliary imaging – Meeting with clinicians

RADIOLOGY PROCEDURES – From 2005 (last 10 years)

- Total number: 34505
- Conventional radiology (x-ray): 7568
- Contrast-enhanced x-ray: 277
- Chest x-ray: 6153
- Ultrasound: 6937
- Computed Tomography: 2403
- Contrast-enhanced Computed Tomography: 2605
- Brain Computed Tomography: 398
- Contrast-enhanced brain computed tomography: 2955
- Unenhanced Magnetic Resonance Imaging: 2296
- Contrast-enhanced Magnetic Resonance Imaging: 2627
- Intraoperative procedures: 105
- Interventional procedures: 106
- Thermal ablation procedures: 75

BIBLIOGRAPHY

- 1) Bazzocchi M, **Quaia E**, Zuiani C:
Stato dell'arte e vie di progresso nell'apparato urogenitale.
Radiol Med 1995; 90(5): 660-665.
- 2) Bazzocchi M, Del Frate C, Zuiani C, Meduri S, **Quaia E**:
Risonanza Magnetica, scintigrafia con Ga-67 e tomografia computerizzata nella stadiazione e nel monitoraggio dei linfomi maligni mediastinici.
Italian Current Radiology 1997; 1: 1-12.
- 3) **Quaia E**, Bazzocchi M, Zuiani C, Moroldo ML.
Elbow MRI: technique optimization and definition of normal anatomy and of variants.
Radiol Med 1998; 95(1-2): 7-15.
- 4) Bazzocchi M, **Quaia E**, Zuiani C, Moroldo M.
Transcranial Doppler: state of the art.
Eur J Radiol 1998; 27 (Suppl 2): S141- S148.
- 5) Salcuni M, Zuiani C, Vettorello G, Bazzocchi M, **Quaia E**.
Mezzi di contrasto in ecografia: vasi periferici.
Rad Med 1998; 95 (5 Suppl 1): 41 - 46.
- 6) Dalla Palma L, Bertolotto M, **Quaia E**, Locatelli M.
Detection of liver metastases with pulse inversion harmonic imaging: preliminary results.
Eur Radiol 1999; 9 (Suppl 3): S382 - S387.
- 7) Bertolotto M, Dalla Palma L, **Quaia E**, Locatelli M.
Characterization of unifocal liver lesions with pulse inversion harmonic imaging after Levovist injection: preliminary results.
Eur Radiol 2000; 9: 1369 - 1376.
- 8) Bertolotto M, **Quaia E**, Galli G, Martinoli C, Locatelli M.
Color Doppler sonographic appearance of renal perforating vessels in subjects with normal and impaired renal function.
J Clin Ultrasound 2000; 28: 267-276.
- 9) **Quaia E**, Bertolotto M, Bussani R, Morra A, Pozzi Mucelli R.
Integration of ultrasonography, spiral CT and MRI in a case of transitional cell carcinoma of the urinary tract.
Radiol Med 2001; 101: 95-99.
- 10) Bertolotto M, **Quaia E**, Rimondini A, Lubin E, Pozzi Mucelli RS.
Current role of color Doppler ultrasound in acute renal failure.

- Radiol Med 2001; 102: 340-347.
- 11) Pozzi Mucelli RS, Bertolotto M, **Quaia E**.
Imaging techniques in acute renal failure.
Contrib Nephrol 2001; 132: 76-91.
 - 12) Galli G, Bertolotto M, Dal Moro A, **Quaia E**, Rimondini A, Panzetta G.
Caratteristiche flussimetriche e significato fisiopatologico dei vasi perforanti renali: studio condotto mediante eco-color Doppler.
Giornale Italiano di Nefrologia 2001; 18: 291-298.
 - 13) **Quaia E**, Blomley MJK, Patel S, Harvey CJ, Padhani A, Price P, Cosgrove DO.
Initial observations on the effect of irradiation on the liver-specific uptake of Levovist.
Eur J Radiol 2002; 41: 192-199.
 - 14) **Quaia E**, Bertolotto M, Dalla Palma L.
Characterization of liver hemangiomas with pulse inversion harmonic imaging.
Eur Radiol 2002; 12 (3): 537-544.
 - 15) **Quaia E**, Bertolotto M.
Renal parenchymal diseases: is characterization feasible with ultrasound?
Eur Radiol 2002; 12 (8): 2006-2020.
 - 16) Locatelli M, Bertolotto M, **Quaia E**, Gattuccio I, Buttazzi L.
Urethral duplication associated with penile abnormalities.
Radiol Med 2002; 103: 547-550.
(Impact Factor della rivista relativo all'anno 2011: 1.444)
 - 17) **Quaia E**, Forgács B, Calderan L, Bertolotto M, Pozzi Mucelli R.
Characterization of focal hepatic lesions in cirrhotic patients by Pulse Inversion Harmonic Imaging US contrast specific technique with Levovist.
Radiol Med 2002; 104 (4): 285 – 294.
 - 18) Bertolotto M, De Stefani S, Martinoli C, **Quaia E**, Buttazzi L.
Color Doppler appearance of penile cavernosal-spongiosal communications in patients with severe Peyronie's disease.
Eur Radiol 2002; 12: 2525 - 2531.
 - 19) Bertolotto M, Neumaier E, Martinoli C, **Quaia E**, Savoca G.
Color Doppler appearance of penile cavernosal-spongiosal communications in patients with normal and impaired erection.
Eur Radiol 2002; 12: 2287-2293.
 - 20) **Quaia E**, Stacul F, Bertolotto M, Locatelli M, Pozzi Mucelli RS.
Characterization of focal liver lesions with Pulse Inversion Harmonic Imaging (PIHI) using a second generation US contrast agent.

- Acad Radiology 2002; 9 (suppl 2): S376-S379.
- 21) Siracusano S, Bertolotto M, Silvestre G, d'Aloia G, Pecorari V, Stener S, **Quaia E**, Baschiera P, Knez R.
The feasibility of urethral color ultrasound imaging in the diagnosis of female intrinsic sphincter deficiency: preliminary results.
Spinal Cord 2002; 40 (4): 192-195.
- 22) **Quaia E**, Bertolotto M, Forgács B, Rimondini A, Locatelli M, Pozzi Mucelli R. *Detection of liver metastases by Pulse Inversion Harmonic Imaging during Levovist late phase: comparison with conventional ultrasound and helical CT in 160 patients.*
Eur Radiol 2003; 13: 475-483.
- 23) **Quaia E**, Siracusano S, Bertolotto M, Monduzzi M, Pozzi Mucelli R.
Characterization of renal tumours with pulse inversion harmonic imaging by intermittent high mechanical index technique. Initial results.
Eur Radiol 2003; 13 (6): 1402 – 1412.
- 24) **Quaia E**, Bertolotto M, Calderan L, Mosconi E, Pozzi Mucelli R.
US characterization of focal hepatic lesions with intermittent high acoustic power mode and contrast material.
Acad Radiol 2003; 10 (7): 739 – 750.
- 25) Bertolotto M, **Quaia E**, Pozzi Mucelli F, Ciampalini S, Forgacs B, Gattuccio I.
Color Doppler imaging of post-traumatic priapism before and after selective embolization.
Radiographics 2003; 23: 495-503.
- 26) Dibilio D, **Quaia E**, Bertolotto M, Gasparini C, Cravatari M, Pozzi Mucelli R.
Color Doppler features of hepatic involvement in Rendu-Osler-Weber disease.
Radiol Med 2003; 105: 394-398.
- 27) Longo R, Pani S, Arfelli F, Dreossi D, Olivo A, Poropat P, **Quaia E**, Rigon L, Zanconati F, Dalla Palma L, Castelli E.
Morphological breast imaging: tomography and digital mammography with synchrotron radiation.
Nucl Instr Meth A 2003; 497 (1): 9 - 13.
- 28) Bertolotto M, **Quaia E**, Gasparini C, Calderan L, Pozzi Mucelli R.
Resistive index in patients with renal colic: differences after medical treatment with indomethacin and ketorolac.
Radiol Med 2003; 106 (4): 370-375.
- 29) Gasparini C, Bertolotto M, Croce SL, Perrone R, **Quaia E**, Tiribelli C.
Evaluation of liver parenchymal blood flow with contrast-enhanced US: preliminary results in healthy and cirrhotic patients.

- Acad Radiol 2003; 10 (8): 869 – 876.
- 30) **Quaia E**, Calliada F, Bertolotto M, Rossi S, Garioni L, Rosa L, Pozzi Mucelli R.
Characterization of focal liver lesions by contrast-specific US modes and a sulfur hexafluoride—filled microbubble contrast agent: diagnostic performance and confidence.
Radiology 2004; 232 (2): 420-430
- 31) **Quaia E**, Degobbis F, Tona G, Mosconi E, Bertolotto M, Pozzi Mucelli R.
Differential patterns of contrast enhancement in different focal liver lesions after injection of the microbubble US contrast agent SonoVue.
Radiol Med 2004; 107: 155-165.
- 32) **Quaia E**, Stacul F, Gaiani S, Ricci P, Passariello R, Curzio D, Pozzi Mucelli R.
Comparison of diagnostic performance of unenhanced vs SonoVue-enhanced ultrasonography in focal liver lesions characterization. The experience of three Italian centers.
Radiol Med 2004; 108 (1-2): 71-81.
- 33) Siracusano S, **Quaia E**, Bertolotto M, Ciciliato S, Tiberio A, Belgrano E.
The application of ultrasound contrast agents in the characterization of renal tumors.
World J Urol 2004; 22: 316-322.
- 34) Bartolotta TV, Midiri M, **Quaia E**, Bertolotto M, Galia M, Cademartiri F, Lagalla R. *Liver hemangiomas undeterminate at grey-scale ultrasound: contrast-enhancement patterns with SonoVue and pulse-inversion US.*
Eur Radiol 2005; 15 (4): 685-693.
- 35) Bartolotta TV, Midiri M, **Quaia E**, Bertolotto M, Galia M, Cademartiri F, Lagalla R, Cardinale AE.
Benign focal liver lesions: spectrum of findings on SonoVue-enhanced pulse-inversion ultrasonography.
Eur Radiol 2005; 15(8): 1643-1649.
- 36) **Quaia E**, Bussani R, Cova M, Pozzi Mucelli R.
Radiologic-pathologic correlations of intratumoral tissue components in the most common solid and cystic renal tumors. Pictorial review.
Eur Radiol 2005; 15 (8): 1734-1744.
- 37) Siracusano S, **Quaia E**, Bertolotto M, Ciciliato S, Tiberio A, Belgrano E.
The application of ultrasound contrast agents in the characterization of renal tumors.
J Urology 2006; 175 (4): 1272 - 1273.
- 38) **Quaia E**, Siracusano S, Palumbo A, Ciciliato S, Rossi S, Bruni S, Bussani R, Cova M.
Detection of focal renal perfusion defects in rabbits after sulfur hexafluoride-filled microbubble injection at low transmit power ultrasound insonation.

- Eur Radiol 2006; 16 (1): 166 – 172.
- 39) **Quaia E**, Bartolotta TV, Midiri M, Cernic S, Belgrano M, Cova M.
Analysis of different contrast enhancement patterns after microbubble-based contrast agent injection in liver hemangiomas with atypical appearance on baseline scan.
Abdom Imag 2006; 31 (1): 59 – 64.
- 40) **Quaia E**, Palumbo A, Rossi S, Degobbi F, Cernic S, Tona G, Cova M.
Comparison of visual and quantitative analysis for characterization of insonated liver tumors after microbubble contrast injection.
AJR Am Journal Roentgenology 2006; 186 (6): 1560 – 1570.
- 41) **Quaia E**, D'Onofrio M, Palumbo A, Rossi S, Bruni S, Cova M.
Comparison of contrast-enhanced ultrasonography vs. baseline ultrasound and contrast-enhanced computed tomography in metastatic disease of the liver: diagnostic performance and confidence.
Eur Radiol 2006; 16 (7): 1599 – 1609.
- 42) **Quaia E.**
Contrast-specific ultrasound techniques.
Radiol Med 2007; 112 (4): 473 – 490.
- 43) **Quaia E.**
Microbubble ultrasound contrast agents: An update.
Eur Radiol 2007; 17 (8): 1995 – 2008.
- 44) Castelli E, Arfelli F, Dreossi D, Longo R, Rokvic T, Cova MA, **Quaia E**, Tonutti M, Zanconati F, Abrami A, Chenda V, Menk RH, Quai E, Tromba G, Bregant P, de Guarrini F.
Clinical mammography at the SYRMEP beam line.
Nucl Instr Meth A 2007; 572: 237 – 240.
- 45) Longo R, Abrami A, Arfelli F, Bregant P, Chenda V, Cova MA, Dreossi D, De Guarrini F, Menk RH, Quai E, **Quaia E**, Rokvic T, Tonutti M, Tromba G, Zanconati F, Castelli E.
Phase contrast mammography with synchrotron radiation: Physical aspects of the clinical trial.
Progress in Biomedical Optics and Imaging – Proceedings of SPIE 2007; 6510 (PART. 1), art. No. 65100T
- 46) Catalano O, Migaleddu V, **Quaia E**, Caruso G.
Terminology for contrast-enhanced sonography. A practical glossary.
J Ultrasound Med 2007; 26: 717 – 730.
- 47) Krug LM, Milton D, Jungbluth AA, Chen LC, **Quaia E**, Pandit-Taskar N, Nagel A, Jones J, Kris MG, Finn R, Smith-Jones P, Oettgen H, Scott AM, Old L, Divgi C.

- Targeting Lewis Y (LeY) in small cell lung cancer (SCLC) with a humanized monoclonal antibody, hu3S193: A pilot trial testing two dose levels.*
J Thor Oncology 2007; 2 (10): 947 – 952.
- 48) **Quaia E**, D'Onofrio M, Cabassa P, Vecchiato F, Caffarri S, Pittiani F, Wittkowski K, Cova MA. *Diagnostic value of hepatocellular nodule vascularity after microbubble Injection for characterizing malignancy in patients with cirrhosis*
AJR Am Journal Roentgenology 2007; 189: 1474 – 1483
- 49) Migaleddu V, **Quaia E**, Scano D, Virgilio G.
Inflammatory activity in Crohn disease: ultrasound findings.
Abdom Imag 2008; 33 (5): 589-597.
- 50) **Quaia E**, Krug LM, Pandit-Taskar N, Nagel A, Reuter VE, Humm J, Divgi C.
The value of gamma camera and computed tomography data set coregistration to assess Lewis Y antigen targeting in small cell lung cancer by 111Indium - labelled humanized monoclonal antibody 3S193.
Eur J Radiol 2008; 67 (2) 292 – 299.
- 51) **Quaia E**, Toffanin R, Guglielmi G, Ukmar M, Rossi A, Martinelli B, Cova M.
Fast T2 mapping of the patellar articular cartilage with gradient and spin-echo magnetic resonance imaging at 1.5 T: validation and initial clinical experience in patients with osteoarthritis.
Skeletal Radiology 2008; 37 (6): 511 – 517.
- 52) **Quaia E**, Tona G, Gelain F, Pizzolato R, Boscolo E, Bussoli L.
Integrated fluorine-18 flurodeoxyglucose (¹⁸F-FDG) PET/CT compared to standard contrast - enhanced CT for characterization and staging of pulmonary tumors eligible for surgical resection.
Acta Radiol 2008; 49 (9): 995-1004.
- 53) Bertolotto M, Bucci S, **Quaia E**, Coss M, Liguori G.
Complete penile corporeal septation: evaluation with contrast enhanced US.
Abdom Imaging 2008; 33 (5): 621-625
- 54) Dreossi D, Abrami A, Arfelli F, Bregant P, Casarin K, Chenda V, Cova MA, Longo R, Menk RH, Quai E, **Quaia E**, Rigon L, Rokvic T, Sanabor D, Tonutti M, Tromba G, Vascotto A, Zanconati F, Castelli E.
The mammography project at the SYRMEP beamline.
Eur J Radiol 2008; 68 (3 Suppl): S58 - 62.
- 55) **Quaia E**, Baratella E, Pizzolato R, Bussani R, Cova MA.
Radiological – pathological correlation in the intratumoral tissue components of solid lung tumors.

- Radiol Med 2009; 114 (2): 173 - 189.
- 56) Bertolotto M, Pavlica P, Serafini G, **Quaia E**, Zappetti R.
Painful penile induration: imaging findings and management.
Radiographics 2009; 29 (2): 477 – 493
- 57) Bertolotto M, **Quaia E**, Zappetti R, Cester G, Turollo A.
Differential diagnosis between splenic nodules and peritoneal metastases with contrast-enhanced ultrasound based on signal-intensity characteristics during the late phase.
Radiol Med 2009; 114 (1): 42 – 51
- 58) **Quaia E**, Bertolotto M, Cioffi V, Rossi A, Barbatella E, Pizzolato R, Cova MA.
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- 59) **Quaia E**, Martingano P, Cavallaro M, Angileri R, Stacul F.
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- 60) **Quaia E**.
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- 61) Hines-Peralta A, Goldberg SN, **Quaia E**, Stacul F.
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- 62) **Quaia E**, Martingano P.
Upper Urinary Tract Tumors. In: **Quaia E** (ed) Radiological Imaging of the kidney. Springer Verlag, Heidelberg-New York, 2014: 603-630
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The Kidney in the Elderly. In: **Quaia E** (ed) Radiological Imaging of the kidney. Springer Verlag, Heidelberg-New York, 2014: 709-738

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- 66) **Quaia E.**
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- 67) **Quaia E**, Gennari AG.
Technical and Physical Aspects. In: Clevert D, D'Onofrio M, Quaia E (eds) Atlas of Elastasonography: Clinical Applications with Imaging Correlations – Springer 27 Nov 2016 Springer. 263 p. -ISBN: 978-3-319-44199-3
- 68) **Quaia E**, Spezzacatene A, Zorzenon I, Ciaravino V, Sarno A, Tedesco G, Clevert DA, D'Onofrio M.
Liver and Spleen. In: Clevert D, D'Onofrio M, Quaia E (eds) Atlas of Elastasonography: Clinical Applications with Imaging Correlations – Springer 27 Nov 2016 Springer. 263 p. - ISBN: 978-3-319-44199-3
- 69) **Quaia E**, Gennari AG, Cova MA.
Ultrasound of upper urinary tract infections. In: Tonolini M (ed) Imaging and Intervention in Urinary Tract Infections and Urosepsis – Springer Verlag, Heidelberg-New York 2018: 57 - 71 - ISBN: 978-3-319-68275-4
- 70) **Quaia E**, Gennari AG, Cova MA.
Ultrasound of lower urinary tract infections. In: Tonolini M (ed) Imaging and Intervention in Urinary Tract Infections and Urosepsis – Springer Verlag, Heidelberg-New York 2018: 145 - 153 - ISBN: 978-3-319-68275-4
- 71) **Quaia E.** Chronic inflammatory bowel disease. In: Cova M, Stacul F (eds) Pain Imaging: A Clinical-Radiological Approach to Pain Diagnosis. Springer Verlag, Heidelberg-New York 2019: 347 - 363

Invited lectures:

- 1) Liver metastases identification by PIHI with Levovist. Alpe Adria meeting, Graz (Austria), 1999.
- 2) Liver focal hepatic lesions characterization by PIHI with Levovist. Alpe Adria meeting, Trieste (Italy), 2000.
- 3) Imaging of neobladder. Meeting of the Urologists of the North Italy, Trieste (Italy), 2001.
- 4) Imaging of the superficial bladder cancer. Meeting of the Urologists of the North Italy, Trieste (Italy), 2002.
- 5) Microbubble-based contrast agents applications in renal pathology. SIRM congress 2002, Rimini (Italy).
- 6) Evaluation of renal tumours using US contrast agents and contrast specific imaging techniques. Alpe Adria meeting, Opatija (Croatia) 2002.
- 7) Microbubble-based contrast agents applications in incidental focal liver lesions. Viareggio (Italy), 2003.
- 8) Focal liver characterization by using microbubble contrast agents. Contrast media research meeting. San Diego, (USA), 2003.
- 9) Applications of micro bubble-based US contrast agents in the characterization of focal renal lesions. Euroson meeting. Zagreb (Croatia), 2004.
- 10) Applications of microbubble-based agents in focal liver lesions characterization. Euroson meeting. Zagreb (Croatia), 2004.
- 11) Applications of microbubble-based agents in the assessment of renal perfusion. Euroson meeting. Zagreb (Croatia), 2004.
- 12) Applications of micro bubble-based US contrast agents in the characterization of renal masses. Spanish Society of Ultrasound. Madrid (Spain), 2004.
- 13) Micro bubbles application in focal liver lesions characterization. Spanish Society of Ultrasound. Madrid (Spain), 2004.
- 14) Assessment of different mathematical models in the assessment of renal perfusion with contrast-enhanced US. Spanish Society of Ultrasound 2004. Madrid (Spain), 2004.
- 15) Quantification of US video-intensity in focal liver tumors after microbubble-based agents injection: is it reliable to differentiate malignant from benign liver tumors? Alpe Adria Meeting, Padua (Italy), 2004.
- 16) Assessment of renal perfusion by contrast-enhanced US. Vascular Ultrasound Meeting

2005. Opatja (Croatia).
- 17) Ecografia con mezzo di contrasto - basse frequenze: nuove tecnologie e software. Congresso SIRM. Milano 2006.
 - 18) US characterization (conventional B-mode, Doppler and contrast US) of metastatic liver lesions. Euroson-SIUMB meeting. Bologna 15-19 settembre 2006.
 - 19) Tecniche Ecografiche contrasto-specifiche. Corso Residenziale in Ecografia con Mezzo di Contrasto. Verona 15-16 novembre 2006.
 - 20) Epatocarcinoma. Corso Residenziale in Ecografia con Mezzo di Contrasto. Verona 15-16 novembre 2006.
 - 21) Contrast-enhanced US in the assessment of bowel wall pathology. European Congress of Radiology, Wien 9 – 13 marzo 2007.
 - 22) Tecniche ecografiche contrasto-specifiche. Varese, 17 ottobre 2007.
 - 23) Caratterizzazione di lesioni focali epatiche maligne mediante ecografia con mezzo di contrasto. Convegno SIUMB 2007.
 - 24) The latest developments in cartilage imaging. Portorose (Slovenia), 9 maggio 2008
 - 25) Criteri RM nella valutazione della patologia degenerativa della cartilagine. Cagliari, 13 maggio 2008.
 - 26) Risonanza Magnetica della cartilagine articolare: possibilità attuali e prospettive future. Congresso SIRM 2008, 23 – 27 maggio 2008.
 - 27) US tecnica e metodologia nell'apparato urogenitale. Congresso SIRM 2008, 23 - 27 maggio 2008.
 - 28) Altri tumori pancreatici solidi. Palermo, 24 – 25 giugno 2008.
 - 29) Microbubble contrast agents – Basics. European Congress of Radiology. Wien (Au) 2009.
 - 30) The value of digital tomosynthesis in the diagnosis of suspected pulmonary lesions. ECR, Wien (Au) 2010
 - 31) Risonanza Magnetica della cartilagine articolare. Congresso SIRM 2010, 11 – 15 giugno 2010.
 - 32) Microbolle: cosa bolle in pentola? Congresso SIRM 2010, 11 – 15 giugno 2010.
 - 33) Assessment of renal perfusion by contrast-enhanced ultrasound. International Congress of Radionuclides in Nephrourology. Mikulov (CZ) 2010
 - 34) Focal Liver lesions. Characterization by contrast-enhanced US. Prague, 15-17 april 2011
 - 35) Towards an optimised patient care in thoracic imaging. Towards an optimised patient care in thoracic imaging. ESTI meeting. Heidelberg. 22-25 June 2011
 - 36) Lettura: "*Tecniche ecografiche contrasto-specifiche*". Varese, 17 ottobre 2007.

- 37) Lettura: "*Caratterizzazione di lesioni focali epatiche maligne mediante ecografia con mezzo di contrasto*". XIX Convegno SIUMB. Roma 10 – 11 novembre 2007
- 38) Lettura: "*The latest developments in cartilage imaging*". Portorose (Slovenia), 9 maggio 2008
- 39) Relazione: "*Criteri RM nella valutazione della degenerazione della cartilagine articolare*". Martedì ecografici a Cagliari. Cagliari 13 – 14 maggio 2008.
- 40) Relazione: "*Risonanza Magnetica della cartilagine articolare: possibilità attuali e prospettive future*". 43° Congresso SIRM, Roma, 23 – 27 maggio 2008.
- 41) Relazione: "*US tecnica e metodologia nell'apparato urogenitale*". 43° Congresso SIRM, Roma, 23 – 27 maggio 2008.
- 42) Relazione: "*Altri tumori pancreatici solidi*". Imaging di fegato, pancreas, e vie biliari. Palermo, 24 – 25 giugno 2008.
- 43) Relazione: "*Imaging of Orthopedic Implants and Prostheses*" Image Analysis and Biomechanical Modelling: from Biomolecules to Bioactive Biomaterials. Trieste, 1 – 2 settembre 2008.
- 44) Relazione: "*Identificazione e caratterizzazione di lesioni focali epatiche*". Corso Residenziale di ecografia ed ecografia con mezzo di contrasto, Trieste, 9 – 13 settembre, 2008.
- 45) Relazione: "*Valutazione della perfusione della parete intestinale*". Corso Residenziale di ecografia ed ecografia con mezzo di contrasto, Trieste, 9 – 13 settembre, 2008.
- 46) Relazione: "*Microbubble applications in liver imaging*" 4th National Congress of Slovenian Society of Radiology. Ptuj (Slovenia), 9 – 11 ottobre 2008.
- 47) Relazione: "*Corso Specialistico Mezzi di contrasto ecografici – Scenari clinici Valutazione del paziente portatore di tumore primitivo extraepatica*" XX Congresso SIUMB. Roma, 15 – 19 novembre 2008.
- 48) Lettura: "*Basics of US contrast agents*" European Congress of Radiology, Vienna (Austria), 6 – 10 marzo 2009.
- 49) Relazione: "*Identificazione e caratterizzazione di lesioni focali epatiche*". Corso Residenziale di ecografia ed ecografia con mezzo di contrasto. Trieste, 9 – 13 settembre, 2009.
- 50) Relazione: "*Valutazione della perfusione della parete intestinale*". Corso Residenziale di ecografia ed ecografia con mezzo di contrasto. Trieste, 9 – 13 settembre, 2009.
- 51) The value of digital tomosynthesis in the diagnosis of suspected pulmonary lesions. European Congress of Radiology, Vienna (Austria) 3 – 7 marzo 2010
- 52) Challenges in Crohn's disease. Assessing disease activity US vs MRI. US. ESGAR 2010, Dresda (Germania), 2 – 5 giugno 2010

- 53) Assessment of renal perfusion by contrast-enhanced ultrasound. International Congress of Radionuclides in Nephrourology. Mikulov (Repubblica Ceca) 2010
- 54) Risonanza Magnetica della cartilagine articolare. Congresso SIRM 2010, Verona 11 – 15 giugno 2010.
- 55) Microbolle: cosa bolle in pentola? Congresso SIRM 2010, Verona 11 – 15 giugno 2010.
- 56) Assessment of renal perfusion by contrast-enhanced ultrasound. International Congress of Radionuclides in Nephrourology. Mikulov (Repubblica Ceca) 2010
- 57) Relazione: *“Identificazione e caratterizzazione di lesioni focali epatiche”*. Corso Residenziale di ecografia ed ecografia con mezzo di contrasto. Trieste, 9 – 13 settembre, 2010.
- 58) Relazione: *“Valutazione della perfusione della parete intestinale”*. Corso Residenziale di ecografia ed ecografia con mezzo di contrasto. Trieste, 9 – 13 settembre, 2010.
- 59) Focal Liver lesions. Characterization by contrast-enhanced US. Praga (Repubblica Ceca), 15-17 april 2011
- 60) Il fegato iperdenso: quando? Liver 2011. Frequently Asked Questions nell'imaging epatico. Bologna, 12-13 maggio 2011
- 61) Lesione solida: qual è la diagnosi? Ruolo di TC ed RM Dinamica. Liver 2011. Frequently Asked Questions nell'imaging epatico. Bologna, 12-13 maggio 2011
- 62) Il mio paziente ha una lesione ipervascolare: qual è la diagnosi? Liver 2011. Frequently Asked Questions nell'imaging epatico. Bologna, 12-13 maggio 2011
- 63) Basics of Doppler US. ESGAR 2011. Venezia, 21 – 24 maggio 2011
- 64) Arterial Hypervascularization and the role of CEUS in the early characterization and treatment of HCC in patients with cirrhosis. ESGAR 2011. Venezia, 21 – 24 maggio 2011
- 65) Towards an optimised patient care in thoracic imaging. Towards an optimised patient care in thoracic imaging. ESTI meeting. Heidelberg. 22-25 giugno 2011
- 66) CEUS in colon cancer patients. In which colon cancer patient (clinical and technical point of view) is it worthwhile to proceed with CEUS? World Federation Ultrasound Medicine and Biology meeting 2011. Vienna (Austria), 26 – 29 agosto 2011
- 67) Perfusion measurement with CEUS. World Federation Ultrasound Medicine and Biology meeting 2011. Vienna (Austria), 26 – 29 agosto 2011
- 68) Workshop on pancreas. World Federation Ultrasound Medicine and Biology meeting 2011. Vienna (Austria), 26 – 29 agosto 2011
- 69) Relazione: *“Identificazione e caratterizzazione di lesioni focali epatiche”*. Corso Residenziale di ecografia ed ecografia con mezzo di contrasto. Trieste, 9 – 13 settembre, 2011.
- 70) Relazione: *“Valutazione della perfusione della parete intestinale”*. Corso Residenziale di

- ecografia ed ecografia con mezzo di contrasto. Trieste, 9 – 13 settembre, 2011.
- 71) CEUS in monitoring response to anti-inflammatory therapy in Crohn's disease. Euroson meeting, Madrid 22 – 24 aprile 2012
 - 72) Malattie infiammatorie croniche intestinali. La prima diagnosi. Convegno nazionale SIRM, Torino, 1-5 giugno 2012
 - 73) Ruolo dell'ecocolordoppler e tecniche con ecocontrasto nella diagnostica differenziale e indirizzo terapeutico del paziente iperteso. Ecografia vascolare in emergenza. Firenze 4-7 giugno 2012
 - 74) Inflammatory small bowel disease: imaging answers to clinical questions. US. ESGAR, Edimburgo, 12-15 giugno 2012
 - 75) RM delle malattie infiammatorie croniche intestinali. Corso residenziale RM addome. Trieste, 25-28 giugno 2012
 - 76) Aspetti Radiologici delle Lesioni di Organi Profondi: Indicazioni alla diagnosi citologica congresso nazionale di citopatologia. Trieste 28-30 giugno 2012
 - 77) Renal perfusion and diffusion, potential for nephrologists. ESUR. Edimburgo, 12-16 settembre 2012
 - 78) CEUS in renal imaging. The European and Chinese expertise update in Contrast Enhanced Ultrasound Seminar. Singapore, 29 september 2012
 - 79) Contrast-enhanced ultrasound of hepatocellular carcinoma. Mosow, 16-17 november 2012
 - 80) Liver: US and CEUS of focal liver lesions (FLL): diagnosis in non-cirrhotic liver. ESOR course, London 9-10 may 2013
 - 81) Contrast-enhanced ultrasound of the small bowel. ESGAR, Barcelona, 4 – 7 june 2013.
 - 82) Diagnostic impact with cost analysis of contrast-enhanced ultrasound in the characterization of focal liver lesions. Ljubiana, 16 november 2013
 - 83) Digital Tomosynthesis After Detection of Suspicious Lesions on Chest Radiography: Effect on Diagnostic Imaging Costs. Geneva, 22-24 november 2013.
 - 84) VolumeRAD/Tomosynthesis for chest imaging – clinical and economic experience. Vienna, february 27th 2014
 - 85) Quantification of intestinal wall perfusion. Vienna, march 8th 2014.
 - 86) Assessing inflammatory activity in Crohn's disease by contrast-enhanced ultrasound. Sociedad Espanola de Ecografia, Madrid, march 15-16, 2015
 - 87) Assessing organ parenchyma perfusion by contrast-enhanced ultrasound. Sociedad Espanola de Ecografia, Madrid, march 15-16, 2015
 - 88) Contrast-Enhanced Ultrasound: Technical Requirements. Paris, june 11th 2015, ESGAR meeting
 - 89) Contrast-Enhanced Ultrasound: Crohn's disease. Paris, june 11th 2015, ESGAR meeting

- 90) The EFSUMB guidelines for the use of CEUS – The European situation. San Paolo, IBISCUS meeting, june 26th, 2015
- 91) CEUS of liver metastases. San Paolo, IBISCUS meeting, june 26th, 2015
- 92) Role of CEUS in Bosniak Classification of Renal Cysts. Copenhaghen September 19th 2015
- 93) Renal Perfusion Assessment by Contrast-enhanced Ultrasound. Copenhaghen September 19th 2015
- 94) Characterization of focal liver lesions by contrast-enhanced ultrasound. San Pietroburgo, October 12th 2015
- 95) Characterization of focal liver lesions by contrast-enhanced ultrasound. Moskow, October 13th 2015
- 96) Characterization of focal liver lesions by contrast-enhanced ultrasound. Tomsk, October 14th 2015
- 97) Abdominal and Urogenital MRI - 23 -26 / 05/ 2016 Bruxelles
- 98) Assessing Inflammation and Fibrosis in Crohn's disease: Is sonography (CEUS and elastography) the right tool. European Congress of Radiology, Wien, march 2-6 2016
- 99) Contrast-Enhanced Ultrasound: Technical Requirements. European Society of Gastroabdominal Radiology. Prague june 13 – 16, 2016.
- 100) Multiparametric US of chronic liver diseases. European Society of Urogenital Radiology. Bordeaux september 15 – 18 2016.
- 101) 26o Residential Course Multidisciplinary Oncology and Imaging. Roma, 17 – 19 ottobre 2016 - Ultrasound
- 102) Contrast-enhanced US of focal liver lesions. Moskow, Rostov and Barnaul - Russia november 2016.
- 103) Contrast enhanced ultrasound of focal liver lesions. ESGAR Liver Workshop. Coimbra (Portugal), april 27 – 28 2017
- 104) Assessing Inflammation and Fibrosis in Crohn's disease: Is sonography (CEUS and elastography) the right tool. European Congress of Radiology, Wien, march 1-5 2017
- 105) Abdominal and Urogenital MRI - 24-27 / 05 / 2017 Trieste

- 106) Contrast-enhanced US of focal liver lesions. Moskow, St Petersburg and Tula - Russia
may 2017.
- 107) Quaia E. Contrast-enhanced Ultrasound with Time-intensity curves obtained after
Sulphur Hexafluoride-filled Microbubble Injection in patients Crohn's disease:
Differentiation of Responders from non-Responders and Differentiation of Inflammatory
from Fibrotic Ileal Strictures. Contrast Media Research 2017, 22 – 25 maggio 2017,
Durango, Colorado (USA)
- 108) MRI of Small Bowel. Stockholm, Sweden may 2018.
- 109) Abdominal and Urogenital MRI - 15-18 / 05 / 2018 Stockholm
- 110) EFSUMB Guidelines and Recommendations in Abdomen. National Congress of
Ultrasound in Medicine. Varna, Bulgaria, september 13 – 15, 2018.
- 111) CEUS LI-RADS: Concept, Principles and Clinical Value for Liver Lesion Characterization.
Varna, Bulgaria, september 13 – 15, 2018.
- 112) Abdominal and Urogenital MRI - 30 / 05 - 02 / 06 / 2019 Wien
- 113) Nuove prospettive nel trattamento dei tumori del pancreas, fegato, vie biliary e dei tumori
neuroendocrine. Feltre, Italia, 20 settembre 2019
- 114) MRI in oncology. New fronteers. Novara, Italia, settembre 23 – 25, 2019
- 115) Digital Tomosynthesis in the lung. Murcia (Spain), November 7th 2019
- 116) Sonoelastografia. Congresso Triveneto Radiologia. Verona, 14 dicembre 2019

Abstracts:

- 1) Salcuni M, Bazzocchi M, Zuiani C, Rigamonti A, **Quaia E**. Percutaneous Sclerotherapy of Branchial Cysts. RSNA 1996, Chicago (USA), 1 – 6 dicembre 1996. 1996 Scientific Program pp 411
- 2) Meduri S, Bazzocchi M, **Quaia E**, Fiorenza M. Magnetic Resonance Imaging in the staging and restaging of esophageal carcinoma after presurgical radiation and chemotherapy, utilizing spine coil and opacification of the esophageal lumen. ECR 1997, Vienna (Austria), 2 – 7 marzo 1997. Eur Radiol 1997; Suppl to volume 7: pp 7
- 3) Salcuni M, Bazzocchi M, **Quaia E**, Casol A. Percutaneous sclerotherapy of branchial cysts. ECR 1997, Vienna (Austria), 2 – 7 marzo 1997. Eur Radiol 1997; Suppl to volume 7: pp 76
- 4) Zuiani C, **Quaia E**, Meduri S, Rigamonti A, Bazzocchi M. Ovarian dermoid cysts and teratomas: MR findings with conventional and fat-suppression sequences. ECR 1997, Vienna (Austria), 2 – 7 marzo 1997. Eur Radiol 1997; Suppl to volume 7: pp 198 - 199
- 5) Salcuni M, Vettorello G, Bazzocchi M, **Quaia E**. Echographic contrast agents in peripheral vascular study. Euro Dop 97: 4th Ultrasound Angiography Conference 1997, Monaco (Monte Carlo), 19 – 22 novembre 1997.
- 6) Meduri S, Zuiani C, **Quaia E**, Salcuni M, Bazzocchi M. Dynamic MRI during phonation: Evaluation of normal anatomical structures of oropharyngeal cavity and larynx. European Society of Magnetic Resonance Imaging in Medicine and Biology (ESMRMB) 1997, Bruxelles (Belgio), 18 – 21 settembre 1997.
- 7) **Quaia E**, Bertolotto M, Ukmar M, Locatelli M, Dalla Palma L. Pulse Inversion Harmonic Imaging in liver metastases detection. ECR 2000, Vienna (Austria), 5 – 10 marzo 2000. Final Program. Eur Radiol 2000; Suppl 1 to volume 10: pp 322
- 8) Bertolotto M, **Quaia E**, Galli G, Locatelli M. Color Doppler evaluation of renal perforating vessels in normal and diseased patients. ECR 2000, Vienna (Austria), 5 – 10 marzo 2000. Final Program. Eur Radiol 2000; Suppl 1 to volume 10: pp 358
- 9) Bertolotto M, Livia V, Locatelli M, **Quaia E**. Valutazione con eco-color Doppler dei pazienti in colica trattati con FANS. SIRM 2000, Milano, 10 – 14 giugno 2000, Riassunti del programma scientifico, Rad Med 2000; 99 (Suppl 3): pp 167 – 168

- 10) Bertolotto M, **Quaia E**, Galli G, Locatelli M. Valutazione con color Doppler dei vasi perforanti renali in soggetti normali, in pazienti con ipertensione ed in pazienti con insufficienza renale. SIRM 2000, Milano, 10 – 14 giugno 2000, Riassunti del programma scientifico, Rad Med 2000; 99 (Suppl 3): pp 168
- 11) **Quaia E**, Bertolotto M, Ukmar M, Dalla Palma L. Pulse Inversion Harmonic Imaging nella caratterizzazione delle lesioni epatiche unifocali. Congresso Nazionale SIRM 2000, Milano, 10 – 14 giugno 2000. SIRM 2000, Milano, 10 – 14 giugno 2000, Riassunti del programma scientifico, Rad Med 2000; 99 (Suppl 3): pp 215
- 12) Dalla Palma L, Bertolotto M, **Quaia E**, Locatelli M, Ukmar M. Pulse Inversion Harmonic Imaging nella identificazione di metastasi epatiche. Congresso Nazionale SIRM 2000, Milano, 10 – 14 giugno 2000. SIRM 2000, Milano, 10 – 14 giugno 2000, Riassunti del programma scientifico, Rad Med 2000; 99 (Suppl 3): pp 239
- 13) **Quaia E**, Bussani R, Silvestri F, Dalla Palma L. Correlazioni tra radiologia ed anatomia patologica nelle neoplasie parenchimali solide. Congresso Nazionale SIRM 2000, Milano, 10 – 14 giugno 2000. SIRM 2000, Milano, 10 – 14 giugno 2000, Riassunti del programma scientifico, Rad Med 2000; 99 (Suppl 3): pp 275 - 276
- 14) **Quaia E**, Harvey CJ, Blomley MJK, Cosgrove DO, Gedroyc W. Study of Pulse Inversion Mode with the late phase of Levovist to detect hepatocellular carcinoma (HCC) in diffuse liver disease: Work in progress. ECR 2001, Vienna (Austria), 2 – 6 marzo 2001. Final Program. Eur Radiol 2001; Suppl 1 to volume 11: pp 264
- 15) **Quaia E**, Bertolotto M, Locatelli M, Pozzi Mucelli RS. Characterization of liver hemangiomas by Pulse Inversion Harmonic Imaging. ECR 2001, Vienna (Austria), 1 – 5 marzo 2001. ECR 2001, Vienna (Austria), 2 – 6 marzo 2001. Final Program. Eur Radiol 2001; Suppl 1 to volume 11: pp 335
- 16) Rimondini A, Morra A, **Quaia E**, Pozzi Mucelli RS. Helical-CT with multiplanar reconstruction (MPR) in the evaluation of transitional cell carcinoma of the renal pelvis and ureter. ECR 2001, Vienna (Austria), 2 – 6 marzo 2001. ECR 2001, Vienna (Austria), 2 – 6 marzo 2001. Final Program. Eur Radiol 2001; Suppl 1 to volume 11: pp 381
- 17) **Quaia E**, Bertolotto M, Locatelli M, Ukmar M. Detection of liver metastases with Pulse Inversion

- Harmonic Imaging in comparison to fundamental US and spiral CT. ECR 2001, Vienna (Austria), 2 – 6 marzo 2001. Final Program. Eur Radiol 2001; Suppl 1 to volume 11: pp 459 - 460
- 18) **Quaia E**, Bertolotto M, Locatelli M, Ukmar M. Characterization of unifocal liver lesions by Pulse Inversion Harmonic Imaging. ECR 2001, Vienna (Austria), 2 – 6 marzo 2001. Final Program. Eur Radiol 2001; Suppl 1 to volume 11: pp 290
- 19) Bertolotto M, Neumaier CE, **Quaia E**, Buttazzi L, Gattuccio I. Color Doppler appearance of penile cavernosal-spongiosal communications in patients with normal and with impaired erection. ECR 2001, Vienna (Austria), 2 – 6 marzo 2001. Final Program. Eur Radiol 2001; Suppl 1 to volume 11: pp 389
- 20) Bertolotto M, **Quaia E**, De Stefani S, Perrone R, Gattuccio I. Color Doppler appearance of penile cavernosal-spongiosal communications in patients with severe Peyronie's disease. ECR 2001, Vienna (Austria), 2 – 6 marzo 2001. Final Program. Eur Radiol 2001; Suppl 1 to volume 11: pp 389
- 21) **Quaia E**, Stacul F, Bertolotto M, Locatelli M, Pozzi Mucelli RS. Characterization of focal hepatic lesions with Pulse Inversion Harmonic Imaging (PIHI) using a second generation US contrast agent. Contrast Media Research 2001, Capri, 14 – 18 ottobre 2001
- 22) Bertolotto M, **Quaia E**, Pozzi Macelli F, Forgacs B, Ciampalini S. US and Doppler findings in 10 patients with post-traumatic priapism before and after selective embolization. RSNA 2001, Chicago (USA), 25 – 30 novembre 2001. **Scientific Program, pp 695**
- 23) **Quaia E**, Bertolotto M, Siracusano S, Pozzi Mucelli R. Characterization of renal tumours with pulse inversion harmonic imaging by intermittent high mechanical index technique. Work in progress. ECR 2002, Vienna (Austria). 1 – 5 marzo 2002. Final Program. Eur Radiol 2002; Suppl 1 to volume 12: pp 176 - 177
- 24) Bertolotto M, **Quaia E**, Buttazzi L, Gattuccio I. Penile trauma: US and Doppler features. ECR 2002, Vienna (Austria), 1 – 5 marzo 2002. Final Program. Eur Radiol 2002; Suppl 1 to volume 12: pp 411
- 25) **Quaia E**, Bertolotto M, Forgacs B, Rimondini A, Locatelli M, Dalla Palma L. Detection of liver metastases by pulse inversion harmonic imaging (PIHI) in comparison to conventional US and helical CT. Analysis of a numerous patient series. ECR 2002, Vienna (Austria), 1 – 5 marzo 2002.

- Final Program. Eur Radiol 2002; Suppl 1 to volume 12: pp 231
- 26) **Quaia E**, Harvey CJ, Blomley MJK, Cosgrove DO, Gedroyc W. Study of Pulse Inversion Mode with the late phase of Levovist to detect hepatocellular carcinoma in cirrhotic liver. ECR 2002, Vienna (Austria), 1 – 5 marzo 2002. Final Program. Eur Radiol 2002; Suppl 1 to volume 12: pp 305
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