

PUBBLICAZIONI HS AMICA

HS AMICA PUBLICATIONS

CLINICAL PUBLICATIONS

FEGATO/LIVER

1. G. Zanus, R. Boetto, E. Gringeri, A. Vitale, F. D'Amico, A. Carraro, D. Bassi, P. Bonsignore, G. Noaro, C. Mescoli, M. Ruggie, P. Angeli, M. Senzolo, P. Burra, P. Feltracco, and U. Cillo. Microwave Thermal Ablation for Hepatocarcinoma: Six Liver Transplantation Cases. *Transplantation Proceedings* (43, 1091 2011)
2. O. M. Hetta, N. H. Shebrya, S. K. Amin. Ultrasound-guided microwave ablation of hepatocellular carcinoma: Initial institutional experience. *The Egyptian Journal of Radiology and Nuclear Medicine*. (42, 343 2011)
3. T. Livraghi, F. Meloni, L. Solbiati, G. Zanus. Complications of Microwave Ablation for Liver Tumors: Results of a Multicenter Study. *Cardiovasc. Intervent. Radiol.* (35 868 2012)
4. U. Cillo, A. Vitale, D. Dupuis, S. Corso, D. Neri, F. D'Amico, E. Gringeri, F. Farinati, V. Vincenzi, G. Zanus. Laparoscopic ablation of hepatocellular carcinoma in cirrhotic patients unsuitable for liver resection or percutaneous treatment: a cohort study. *PLoS One* (2013;8(2):e57249)
5. P. Tombesi, F. Di Vece, S. Sartori. Resection vs thermal ablation of small hepatocellular carcinoma: What's the first choice?. *World J Radiol.* (2013 Jan 28;5(1):1-4)
6. G. Poggi, B. Montagna, P. Di Cesare, G. Riva, G. Bernardo, M. Mazzucco, A. Riccardi. Microwave Ablation of Hepatocellular Carcinoma Using a New Percutaneous Device: Preliminary Results. *Anticancer Res.* (2013 Mar; 33(3):1221-1227)
7. F. Di Vece, P. Tombesi, F. Ermili, C. Maraldi, S. Sartori. Coagulation Areas Produced by Cool-Tip Radiofrequency Ablation and Microwave Ablation Using a Device to Decrease Back-Heating Effects: A Prospective Pilot Study. *Cardiovasc Intervent Radiol* (23 April 2013)
8. A. Tropea, A. Biondi, A. Corsaro, M. Donati, F. Basile, S. Gruttadauria., Combined microwave thermal ablation and liver resection for single step treatment of otherwise unresectable colorectal liver metastases; a monoinstitutional experiences. *Eur. Rev. Med. Pharmacol. Sci.* (18 6 2014)
9. A. Andreano, S. Galimberti, E. Franza, E. Knavel, S. Sironi, F.T. Lee and M.F. Meloni. Percutaneous Microwave Ablation of Hepatic Tumors: Prospective Evaluation of Postablation Syndrome and Postprocedural Pain. *J Vasc Inter Radiol* (2014)
10. G. Poggi, N. Tosoratti, B. Montagna, C. Picchi. Microwave ablation of hepatocellular carcinoma. *World Journal of Hepatology* (2015)
11. Abdelaziz, Nabeel, Elbaz, Shousha, Hassan, Mahmoud, Rashed, Ibrahim, Abdelmaksoud: Microwave ablation versus transarterial chemoembolization in large hepatocellular carcinoma: prospective analysis. *Scandinavian Journal of Gastroenterology* (2015)

12. A. Veltri, C. Gazzera, M. Calandri, F. Marengo, A. Doriguzzi Breatta, P. Fonio, G. Gandini. Percutaneous treatment of HCC exceeding 3 cm/ combined therapy or MWA: Preliminary results. *Radiol Med* (May 2015)
13. E. Gringeri, R. Boetto, F. E. D'Amico, D. Bassi, U. Cillo. Laparoscopic microwave ablation and portal vein ligation for staged hepatectomy (LAPS): a minimally invasive first-step approach. *Ann Surg.* 261 42 (2015)
14. R. Santambrogio, M. Barabino, S. Bruno, M. Costa, A. Pisani Ceretti, M.R. Angiolini, M. Zui et Al: Long-term outcome of laparoscopic ablation therapies for unresectable HCC: a single European center experience of 426 patients. *Surg Endosc.* (Sep 2015)
15. S. Thamtorawat, R.M. Hicks, Jenifer Yu, S. Siripongsakum, Wei-chan Lin, Steven S. Raman, Justin P. McWilliams, Michael Douek, Simin Bahrami and David S.K. Lu. Preliminary Outcome of MWA of HCC: Breaking the 3-cm Barrier? *JVIR* (2016)
16. T.J. Vogl, A.Hagar, N.E. A. Nour-Eldein, T. Gruber-Rouh, K. Eicher, H. Ackermann, W.O. Bechstein and N.N.N. Naguib. High Frequency versus Low Frequency Microwave Ablation in Malignant Liver Tumors: Evaluation of Local Tumour Control and Survival. *Int. Journal of Hyperthermia* (Jul 2016)
17. P.B. Shyn, J.R. Bird, R. M. Koch, S. Tatli, V.M. Levesque, P.J. Catalano, S.G. Silverman. Hepatic Microwave Ablation Zone Size: Correlation with Total Energy, Net Energy, and Manufacturer-Provided Chart Predictions. *J Vasc Interv Radiol* (2016 27 (9) 1389-1396)
18. C. Amabile, M. Ahmed, L. Solbiati, M. F. Meloni, M. Solbiati, S. Cassarino, N. Tosoratti, Y. Nissenbaum, T. Ierace, S. N. Goldberg "Microwave ablation of primary and secondary liver tumours: ex vivo, in vivo, and clinical characterisation". *Int. J Hyperthermia* (2016 33 (1): 34-42)
19. Claudio Pusceddu, Luca Melis, Nicola Ballicu, Barbara Sotgia, Marcovalerio Melis, Valeria Sanna, Giovanni Battista Meloni, Alberto Porcu, Alessandro Fancellu: Percutaneous Microwave Ablation Under CT Guidance for Hepatocellular Carcinoma: a Single Institutional Experience. *J Gastrointest Cancer* (2017)
20. Mohamed A. Riad, Abdallah A. Elsayy, Amr M. Tawfik Elbadry, Laila M. Sayed Ahmed. Study of therapeutic efficacy of percutaneous radiofrequency versus microwave ablation for HCC. *Tanta Medical Journal* 45: 8-13 (2017)
21. Filippiadis DK, Spiliopoulos S, Konstantos C, Reppas L, Kelekis A, Brountzos E, Kelekis N. Computed tomography-guided percutaneous microwave ablation of hepatocellular carcinoma in challenging locations: safety and efficacy of high-power microwave platforms. *Int J Hyperthermia.* 2018 Sep;34(6)
22. Palialexis K, Filippiadis D, Spiliopoulos S, Velonakis G, Reppas L, Brountzos E, Kelekis N. Comparative study evaluating pain after hepatectomy versus percutaneous microwave ablation in hepatocellular carcinoma patients: retrospective analysis of a single center's experience. *Interventional Radiology* (2018)
23. Simeon J. S. Ruitter, Wouter J. Heerink, Koert P. de Jong. Liver microwave ablation: a systematic review of various FDA-approved systems. *European Radiology* (2018).
24. Samar K. Darweesh, Amal A. Gad. 1. Percutaneous microwave ablation for HCV-related hepatocellular carcinoma: Efficacy, safety, and survival. *Turk J Gastroenterol* (2019)

25. Ahmed Kamal, Amr Aly Abd Elmoety, Yousri Abdel Meguid Rostom, Mogamed Said Shater, Sameh Aldesoky Lashen. Percutaneous Radiofrequency versus microwave ablation for management of HCC: a randomized controlled trial. *Journal of Gastrointestinal Oncology* 2019; 10(3): 562-571
26. Umberto Cillo, A. Bertacco, E. Fasolo, R. Carandina, A. Vitale, G. Zanus, E. Gringeri, F. D'Amico, D. Bassi, D. Beri, V. Dadduzio, F. Farinati, C. Aliberti. Videolaparoscopic microwave ablation in patients with HCC at a European high-volume center: Results of 815 procedures. *J. Surgical Oncol.* 2019; 1-10
27. Mrudula B Glassberg, Sudip Ghosh, Jeffrey W Clymer, Rana A Qadeer, Nicole C Ferko, Behnam Sadeghirad, George WJ Wright, Joseph F Amaral. Microwave ablation compared with radiofrequency ablation for treatment of HCC and liver metastases: a systematic review and meta-analysis. *OncoTargets and Therapy* 2019; 12 6407-6438

OSSO/BONE

1. C. Pusceddu, B. Sotgia, R. M. Fele, and L. Melis. Treatment of Bone Metastases with Microwave Thermal Ablation. *J Vasc Interv Radiol.* (2013 Feb; 24(2):229-33)
2. Basile, G. Failla, A. Reforgiato, G. Scavone, E. Mundo, M. Messina, G. Caltabiano, F. Arena, V. Ricceri, A. Scavone, S. Masala. The Use of Microwaves Ablation in the Treatment of Epiphyseal Osteoid Osteomas. *Cardiovasc. Intervent. Radiol.* (DOI: 10.1007/s00270-013-0722-z, Epub 2013 Aug 30)
3. E. Botsa, S. Mylona, I. Koutsogiannis, A. Koundouraki, L. Thanos. CT image guided thermal ablation techniques for palliation of painful bone metastases. *Ann Palliat Med* (2014)
4. Claudio Pusceddu, Barbara Sotgia, Rosa Maria Fele, Nicola Ballicu, Luca Melis: Combined Microwave Ablation and Cementoplasty in Patients with Painfull Bone Metatstases at High Risk of Fracture, *CVIR* (June 2015)

PANCREAS/PANCREAS

1. F. D'Amico, M. Finotti, C. Di Renzo, A. Pasquale, A. Bertacco, G. Caturegli, G.E. Gondolesi and U. Cillo. Microwave Thermal Ablation in an Unusual Case of Malignant and Locally Advanced Rare Tumor of Pancreas in ASA IV Old Male Patient and Literature Review. *Case Reports in Gastrointestinal Medicine* (2018)

PROSTATA/PROSTATE

1. R. Bartoletti, T. Cai, G. Tinacci, I. Longo, A. Ricci, M.P. Massaro, N. Tosoratti, E. Zini, N. Pinzi. Transperineal Microwave Thermoablation in Patients with Obstructive Benign Prostatic Hyperplasia: A Phase I Clinical Study with a New Mini-Choked Microwave Applicator. *J of Endourol.* (22, 1509 2008)

RENE/KINDNEY

1. R. Bartoletti, E. Meliani, A. Simonato, P. Gontero, G. Berta, P. Dalla Palma, E. Leonardi, T. Cai, G. Carmignani. Microwave-induced thermoablation with Amica-probe is a safe and reproducible method to treat solid renal masses: results from a phase I study. *Oncol Rep.* (2012 Oct; 28(4):1243-8)
2. P. Chan, S. Vélasco, G. Vesselle, S. Boucebci, G. Herpe, B. Debaene, P. Ingrand, J. Irani, J.-P. Tasu: Percutaneous microwave ablation of renal cancers under CT guidance: safety and efficacy with a 2-year follow-up. *Clinical Radiology* (2017 1-7)
3. D.K. Filippiadis, C. Gkizas, M. Chrysofos, A. Siatelis, G. Velonakis, E. Alexopoulou, A. Kelekis, E. Brountzos, N. Kelekis: Percutaneous microwave ablation of renal cell carcinoma using a high power microwave system: focus upon safety and efficacy. *International Journal of Hyperthermia* (2017)
4. Toro-Gutierrez JS, Espejo-Herrero JJ, Lombardo-Galera MS, Pérez-Montilla ME, Canis-López M, Zurera-Tendero L, Rubio JM. Renal tumors percutaneous ablation by microwave. Initial experience. *Arch Esp Urol.* (2017 Jun)
5. W. Zhou and R. S. Arellano. Thermal Ablation of T1c Renal Cell Carcinoma: A Comparative Assessment of Technical Performance, Procedural Outcome, and Safety of Microwave Ablation, Radiofrequency Ablation, and Cryoablation. *J Vasc Interv Radiol* (2018)
6. A. Novanta, G. Herpe, G. Vesselle, A. Guibal, S. Velasco, P. Chan, P. Ingrand, S. Boucebi, J.P. Tasu. Chart for renal tumor microwave ablation from human study. *Diagnostic and Interventional Imaging* (2018).

GHIANDOLA SURRENALE/ADRENAL GLAND

1. A. Sarma, P.B. Shyn, M.A. Vivian, J.M. Ng, K. Tuncali., J.H. Lorch, S.N. Zaheer, M.S. Gordon, S.G. Silverman. Single-Session CT-Guided Percutaneous Microwave Ablation of Bilateral Adrenal Gland Hyperplasia Due to Ectopic ACTH Syndrome. *Cardiovasc Intervent Radiol.* (2015 38 (5) 1335-8)
2. E.Botsa, I.L. Thanou, A. T Papatheodoropoulou and L.I. Thanos. Thermal Ablation in the Management of Adrenal Metastasis Originating from Non-small Cell Lung Cancer. A 5-year Single-center Experience. *Chin Med J* (2017).
3. N. E. Frenk, N. E. Frenk, D. Daye, K. Tuncali, R.S. Arellano, P.B. Shyn, S.G. Silverman, F.J. Fintelmann, R.N. Uppot. Local Control and Survival after Image-Guided Percutaneous Ablation of Adrenal Metastases. *Journal of Vascular and Interventional Radiology* (2018)

POLMONE/LUNG

1. Claudio Pusceddu, Luca Melis, Barbara Sotgia, Daniela Guerzoni, Alberto Porcu, Alessandro Fancellu. Usefulness of percutaneous microwave ablation for large non-small cell lung cancer: A preliminary report. *Oncology Letters* (2019)

2. V. Aufranc, G. Farouil, M. Abdel-Rehim, P. Smadia, M. Tardieu, S. Aptel, A. Guibal. Percutaneous thermal ablation of primary and secondary lung tumours: Comparison between microwave and radiofrequency ablation. *Diagnostic and Interventional Imaging* 2019

TIROIDE/THYROID

1. S. Bernardi, C. Dobrinja, B. Fabris, G. Bazzocchi, N. Sabato, V. Ulcigrai, M. Giacca, E. Barro, N. De Manzini and F. Stacul. Radiofrequency Ablation Compared to Surgery for the Treatment of Benign Thyroid Nodules. *International journal of endocrinology* (01/2014; 2014:934595. DOI: 10.1155/2014/934595)
2. C. Dobrinja, S. Bernardi, B. Fabris, R. Eramo, P. Makovac, G. Bazzocchi, L. Piscopello, E. Barro, N. De Manzini, D. Bonazza, M. Pinamonti, F. Zanconati, F. Stacul. Surgical and Pathological Changes after Radiofrequency Ablation of Thyroid Nodules. *Int. J. of Endocrinol* (2015 doi: 10.1155/2015/576576. Epub 2015 Jul 21)
3. S. Bernardi, F. Stacul, M. Zecchin, C. Dobrinja, F. Zanconatti, B. Fabris: Radiofrequency ablation for benign thyroid nodules. *journal of Endocrinological Investigation* (April 2016)
4. G. Mauri, L. Cova, C. G. Monaco, L. M. Sconfienza, S. Corbetta, S. Benedini, F. Ambrogi, V. Milani, A. Baroli, T. Ierace and L. Solbiati. Benign thyroid nodules treatment using Percutaneous Laser Ablation (PLA) and Radiofrequency Ablation (RFA). *Int. Journal of Hyperthermia* (Oct 2016)
5. Yücel Korkusuz, Oscar Maximilian Mader, Wolfgang Kromen, Christian Happel, Shadi Ahmad, Daniel Gröner, Mithat Koca, Alexander Mader, Frank Grünwald, Hüdayi Korkusuz. Cooled Microwave ablation of thyroid nodule: Initial experience, *EJR* (85 2016 2127-2132)
6. Oscar M. Mader, Nadine F. Tanha, Alexander Mader, Christian Happel, Yücel Korkusuz, Frank Grünwald. Comparative study evaluating the efficiency of cooled and uncooled single-treatment MWA in thyroid nodules after a 3-month follow up. *EJR Open* (4 2017 4-8)
7. Francesco Morelli, Anna Maria Ierardi, Giovanni Pompili, Andrea Sacrini, Pierpaolo Biondetti, Salvatore Alessio Angileri, Giovanni Montesano, Mario Petrillo, Roberta Giaccheri, Gianlorenzo Dionigi, Gianpaolo Carrafiello. Cooled tip radiofrequency ablation of benign thyroid nodules: preliminary experience with two different devices. *Gland Surg* (2018)
8. Stella Bernardi, Chiara Dobrinja, Anna Carere, Fabiola Giudici, Veronica Calabrò, Fabrizio Zanconati, Nicolò de Manzini, Bruno Fabris, Fulvio Stacul. Patient satisfaction after thyroid RFA versus surgery for benign thyroid nodules: a telephone survey. *International Journal of Hyperthermia* (2018)
9. Biamonte E., Solbiati L., Ierace T., Colombo P., Lavezzi E., Mazziotti G., Lania A. Medullary thyroid carcinoma treated with percutaneous ultrasound-guided radiofrequency ablation. *Endocrine* (2019).

ALTRO/OTHER

1. F.Prefumo, P. Cabassa, A. Fichera, T. Frusca. Preliminary experience with microwave ablation for selective feticide in monochorionic twin pregnancies. *Ultrasound Obstet Gynecol.* (2013 Apr; 41(4):470-1)
2. G. Turtulici, E. Furino, G. Dedone, R. Sartoris, J. Zawaideh, A. Fischetti, E. Silvestri, G. Quarto. Percutaneous treatment with radiofrequency ablation of varicose veins recurring after vein stripping surgery A preliminary study. *Ann Ital Chir.* (2017)