

# Radiofrequency Ablation Bibliography

## BONE

Groenemeyer, D.H. W., Schirp, S., & Gevarez, A. (2002). Image-guided Percutaneous Thermal Ablation of Bone Tumors. *Academic Radiology*, 9(4): 467-477.

Callstrom, M., et al. (2002) Painful Metastases Involving Bone: Feasibility of Percutaneous CT- and US-guided Radiofrequency Ablation. *Radiology*, 224(1): 87-97.

Callstrom, M., et al. (2006). Image-guided ablation of painful metastatic bone tumor: a new and effective approach to a difficult problem. *Skeletal Radiology*, 35, 1-15.

Gronemeyer, D.H.W., Schirp, S., & Gevarez, A. (2002). Image-Guided Radiofrequency Ablation of Spinal Tumors: Preliminary Experience with an Expandable Array Electrode. *The Cancer Journal*, 8(1): 33-39.

Tins, B., Cassar-Pullicino, V., McCall, I., Cool, P., Williams, D., Mangham, D. (2006). Radiofrequency ablation of chondroblastoma using a multi-tined expandable electrode system: initial results. *European Radiology*, 16(4): 804-810.

Goetz, M. et al. (2004). Percutaneous Image-Guided Radiofrequency Ablation of Painful Metastases Involving Bone: A Multicenter Study. *Journal of Clinical Oncology*, 22(2): 300-306.

Wood, B. (2002). Feasibility of Thermal Ablation of Lytic Vertebral Metastases with Radiofrequency Current. *The Cancer Journal*, 8(1): 26-29.

Patti, J., Neeman, Z., Wood, B. (2002). Radiofrequency Ablation for Cancer-Associated Pain. *The Journal of Pain*, 3(6): 471-473.

Goetz, M., et al. (2004). Percutaneous Image-Guided Radiofrequency Ablation of Painful Metastases Involving Bone: A Multicenter Study. *Journal of Clinical Oncology*, 22(2): 300-306.

## LIVER

Siperstein, A., et al. (2007). Survival After Radiofrequency Ablation of Colorectal Liver Metastases 10-Year Experience. *Annals of Surgery*, 246(4): 559-567.

Chopra, S., et al. (2003). Radiofrequency Ablation of Hepatic Tumors Adjacent to the Gallbladder: Feasibility and Safety. *American Journal of Roentgenology*, 180: 697-701.

Kim, S.H., et al. (2004). Changes in Bile Ducts after Radiofrequency Ablation of Hepatocellular Carcinoma: Frequency and Clinical Significance. *American Journal of Roentgenology*, 183: 1611-1617.

Atwell, T., et al. (2005). Successful Treatment of Hepatocellular Adenoma with Percutaneous Radiofrequency Ablation. *American Journal of Roentgenology*, 184: 828-831.

Siperstein, A., et al. (2000). Local Recurrence After Laparoscopic Radiofrequency Thermal Ablation of Hepatic Tumors. *Annals of Surgical Oncology*, 7(2): 106-113.

- Wood, T., et al. (2000). Radiofrequency Ablation of 231 Unresectable Hepatic Tumors: Indications, Limitations, and Complications. *Annals of Surgical Oncology*, 7(8): 593-600.
- Chang, C.K., et al. (2002). Radiofrequency Ablation of the Porcine Liver With Complete Hepatic Vascular Occlusion. *Annals of Surgical Oncology*, 9(6): 594-598.
- Ahmad, S. (2004). Limitations of Radiofrequency Ablation in Treating Liver Metastases: A Lesson in Geometry. *Annals of Surgical Oncology*, 11(4): 358-359.
- Stippel, D. (2004). Variability of Size and Shape of Necrosis Induced by Radiofrequency Ablation in Human Livers: A Volumetric Evaluation. *Annals of Surgical Oncology*, 11(4): 420-425.
- Mazzaferro, V., et al. (2004). Radiofrequency Ablation of Small Hepatocellular Carcinoma in Cirrhotic Patients Awaiting Liver Transplantation: A Prospective Study. *Annals of Surgery*, 240(5): 900-909.
- Mulier, S., et al. (2002). Complications of radiofrequency coagulation of liver tumors. *British Journal of Surgery*, 89: 1206-1222.
- Tait, I.S., et al. (2002). Laparoscopic in situ ablation of liver cancer with cryotherapy and radiofrequency ablation. *British Journal of Surgery*, 89: 1613-1619.
- Yamasaki, T., et al. (2001). Percutaneous Radiofrequency Ablation Therapy with Combined Angiography and Computed Tomography Assistance for Patients with Hepatocellular Carcinoma. *Cancer*, 91(7): 1342-1348.
- Izumi, N., et al. (2001). Risk Factors for Distant Recurrence of Hepatocellular Carcinoma in the Liver after Complete Coagulation by Microwave or Radiofrequency Ablation. *Cancer*, 91(5): 949-956.
- Yamasaki, T., et al. (2002). Percutaneous Radiofrequency Ablation Therapy for Patients with Hepatocellular Carcinoma during Occlusion of Hepatic Blood Flow: Comparison with Standard Percutaneous Radiofrequency Ablation Therapy. *Cancer*, 95(11): 2353-2360.
- Gaffke, G., et al. (2005). Use of Semiflexible Applicators for RFA of Liver Tumors. *Cardio Vascular and Interventional Radiology*, 29(2): 270-275.
- Buscarini, L., et al. (2001). Percutaneous radiofrequency ablation of small hepatocellular carcinoma: long-term results. *European Radiology*, 11(6): 914-921.
- Buscarini, E. & Buscarini, L. (2004). Radiofrequency thermal ablation with expandable needle of focal liver malignancies: complication report. *European Radiology*, 14(1): 31-37.
- Veltri, A., et al. (2005). Radiofrequency thermal ablation (RFA) after transarterial Chemoembolization (TACE) as a combined therapy for unresectable non-early hepatocellular carcinoma (HCC). *European Radiology*, 16(3): 661-669.
- Hong, S. N., et al. (2005). Comparing the Outcomes of Radiofrequency Ablation and Surgery in Patients with a Single Small Hepatocellular Carcinoma and Well-Preserved Hepatic Function. *Journal of Clinical Gastroenterology*, 39(3): 247-252.
- Harrison, L., et al. (2004). Locoregional Recurrences Are Frequent after Radiofrequency Ablation for Hepatocellular Carcinoma. *Journal of the American College of Surgeons*, 198(5): 853-854.
- Berber, E., Pelley, R., & Siperstein, A. (2005). Predictors of Survival After Radiofrequency Thermal Ablation of Colorectal Cancer Metastases to the Liver: A Prospective Study. *Journal of Clinical Oncology*, 23(7): 1358-1364.

Poston, G. (2005). Radiofrequency Ablation of Colorectal Liver Metastases: Where Are We Really Going? *Journal of Clinical Oncology*, 23(7): 1342-1344.

Rhim, H. & Dodd, G. (1998). Radiofrequency Thermal Ablation of Liver Tumors. *Journal of Clinical Ultrasound*, 27: 221-229.

Kainuma, O., et al. (1999). Recurrent hepatocellular carcinoma successful treated with radiofrequency thermal ablation. *Journal of Hepatobiliary Pancreatic Surgery*, 6: 190-194.

Yokoyama, T., et al. (2003). Percutaneous and laparoscopic approaches of radiofrequency ablation treatment for liver cancer. *Journal of Hepatobiliary Pancreatic Surgery*, 10: 425-427.

Nicoli, N., et al. (2001). Treatment of recurrent hepatocellular carcinoma by radiofrequency thermal ablation. *Journal of Hepatobiliary Pancreatic Surgery*, 8: 417-421.

Hori, T., et al. (2003). Risk factors for the local recurrence of hepatocellular carcinoma after a single session of Percutaneous radiofrequency ablation. *Journal of Gastroenterology*, 38: 977-981.

Ikeda, M., et al. (2001). Radiofrequency Ablation and Percutaneous Ethanol Injection in Patients with Small Hepatocellular Carcinoma: a Comparative Study. *Journal of Clinical Oncology*, 31(7): 322-326.

Tuyl, A. & Ghosh, B. (2000). Radiofrequency Ablation of Metastatic Liver Tumor. *Journal of Surgical Oncology*, 73: 234-235.

Shen, P, et al. (2003). Laparoscopic Radiofrequency Ablation of the Liver in Proximity to Major Vasculature: Effect of the Pringle Maneuver. *Journal of Surgical Oncology*, 83: 36-41.

Chiou, Y., et al. (2005). Percutaneous Ultrasound-Guided Radiofrequency Ablation of Intrahepatic Cholangiocarcinoma. *The Kaohsiung Journal of Medical Sciences*, 21(7): 304-309.

Fontana, R., et al. (2002). Percutaneous Radiofrequency Thermal Ablation of Hepatocellular Carcinoma: A Safe and Effective Bridge to Liver Transplantation. *Liver Transplantation*, 8(12): 1165-1174.

Lencioni, R., et al. (2004). Percutaneous Ablation of Hepatocellular Carcinoma: State-of-the-Art. *Liver Transplantation*, 10(2): S91-S-97.

Berber, E. & Siperstein, A.E. (2003). Laparoscopic Radiofrequency Ablation of Neuroendocrine Liver Metastases. *Problems in General Surgery*, 20(3): 134-142.

Gasparini, D., et al. (2002). Trattamento combinato tra CEAT e radiofrequenza dell'epatocarcinoma: Risultati preliminari. *La Radiologia Medica*, 104: 412-420.

Rossi, S., et al. (2000). Percutaneous Radio-frequency Thermal Ablation of nonresectable Hepatocellular Carcinoma after Occlusion of Tumor Blood Supply. *Radiology*, 217(1): 119-126.

Lim, H., et al. (2001). Hepatocellular Carcinoma Treated with Percutaneous Radio-frequency Ablation: Evaluation with Follow-up Multiphase Helical CT. *Radiology*, 221(2): 447-454.

Lencioni, R., et al. (2003). Small Hepatocellular Carcinoma in Cirrhosis: Randomized Comparison of Radio-frequency Thermal Ablation versus Percutaneous Ethanol Injection. *Radiology*, 228(1): 235-240.

Letters to the Editor. (2004). *Radiology*, 230(3): 886-887.

Chen, M.H., et al. (2004). Large Liver Tumors: Protocol for Radiofrequency Ablation and Its Clinical Application in 110 Patients – Mathematic Model, Overlapping Mode, and Electrode Placement Process. *Radiology*, 232(1): 260-271.

Lencioni, R., et al. (2005). Early-Stage Hepatocellular Carcinoma in Patients with Cirrhosis: Long-term Results of Percutaneous Image-guided Radiofrequency Ablation. *Radiology*, 234(3): 961-967.

Gervais, D., et al. (2009). Society of Interventional Radiology Position Statement on Percutaneous Radiofrequency Ablation for the Treatment of Liver Tumors. *Journal of Vascular and Interventional Radiology*, 20: 3-8.

Kuvshinoff, B. & Ota, D. (2002). Radiofrequency ablation of liver tumors: Influence of technique and tumor size. *Surgery*, 132(4): 605-612.

Anderson, C., et al. (2004). Fluorescence spectroscopy accurately detects irreversible cell damage during hepatic radiofrequency ablation. *Surgery*, 136(3): 524-531.

Siperstein, A., et al. (2000). Laparoscopic radiofrequency ablation of primary and metastatic liver tumors. *Surgical Endoscopy*, 14: 400-405.

Berber, E., et al. (2000). Use of CT Hounsfield unit density to identify ablated tumor after laparoscopic radiofrequency ablation of hepatic tumors. *Surgical Endoscopy*, 14: 799-804.

Scott, D.J., et al. (2001). Accuracy and effectiveness of laparoscopic vs open hepatic radiofrequency ablation. *Surgical Endoscopy*. 15: 135-140.

Chung, M.H., et al. (2001). Laparoscopic radiofrequency ablation of unresectable hepatic malignancies. *Surgical Endoscopy*, 15: 1020-1026.

Scott, D.J., et al. (2002). The effect of hepatic inflow occlusion on laparoscopic radiofrequency ablation using simulated tumors. *Surgical Endoscopy and Other Interventional Techniques*, 16: 1286-1291.

Stippel, D.L., et al (2003). Successful treatment of radiofrequency-induced biliary lesions by interventional endoscopic retrograde cholangiography (ERC). *Surgical Endoscopy and Other Interventional Techniques*, 17: 1965-1970.

Khajanchee, Y.S., et al. (2004). A mathematical model for preoperative planning of radiofrequency ablation of hepatic tumors. *Surgical Endoscopy and Other Interventional Techniques*, 18: 696-701.

Berber, E., et al. (2004). Laparoscopic radiofrequency ablation of hepatic tumors: Prospective clinical evaluation of ablation size comparing two treatment algorithms. *Surgical Endoscopy and Other Interventional Techniques*, 18: 390-396.

Berber, E., et al. (2005). Laparoscopic radiofrequency thermal ablation for unusual hepatic tumors: Operative indications and outcomes. *Surgical Endoscopy and Other Interventional Techniques*, 19: 1613-1617.

Berber, E., et al. (2005). Predictors of survival after laparoscopic radiofrequency thermal ablation of hepatocellular cancer. *Surgical Endoscopy and Other Interventional Techniques*, 19: 710-714.

Bilchik, A., et al. (2001). Radiofrequency Ablation of Unresectable Hepatic Malignancies: Lessons Learned. *The Oncologist – Dialogues in Oncology*, 6: 24-33.

Lao, O., et al. (2009). Adverse events after radiofrequency ablation of unresectable liver tumors: a single-center experience. *The American Journal of Surgery*, 198: 76-82.

Jiang, H., et al. (2002). Clinical short-term results of radiofrequency ablation in liver cancers. *World Journal of Gastroenterology*, 8(4): 624-630.

Siperstein, A.E. & Berber, E. (2001). Cryoablation, Percutaneous Alcohol Injection, and Radiofrequency Ablation for Treatment of Neuroendocrine Liver Metastases. *World Journal of Surgery*, 25(6): 693-696.

Berber, E., et al. (2002). Laparoscopic Radiofrequency Ablation of Neuroendocrine Liver Metastases. *World Journal of Surgery*, 26(8): 985-990.

Machi, J., et al. (2005). Long-term Follow-up Outcome of Patients Undergoing Radiofrequency Ablation for Unresectable Hepatocellular Carcinoma. *World Journal of Surgery*, 29: 1364-1373.

Van Duijnhoven, F., et al. (2006). Factors Influencing the Local Failure Rate of Radiofrequency Ablation of Colorectal Liver Metastases. *Annals of Surgical Oncology*, 13(5): 651-658.

Machi, J., et al. (2006). Long-Term Outcome of Radiofrequency Ablation for Unresectable Liver Metastases from Colorectal Cancer: Evaluation of Prognostic Factors and Effectiveness in First- and Second-Line Management. *The Cancer Journal*, 12(4): 318-326.

Berber, E., et al. (2004). Laparoscopic radiofrequency ablation of hepatic tumors. *Surgical Endoscopy and Other Interventional Techniques*, 18: 390-396.

Berber, E. & Siperstein, A. (2008). Local recurrence after laparoscopic radiofrequency ablation of liver tumors: an analysis of 1032 tumors. *Annals of Surgical Oncology*, 15(10): 2757-2764.