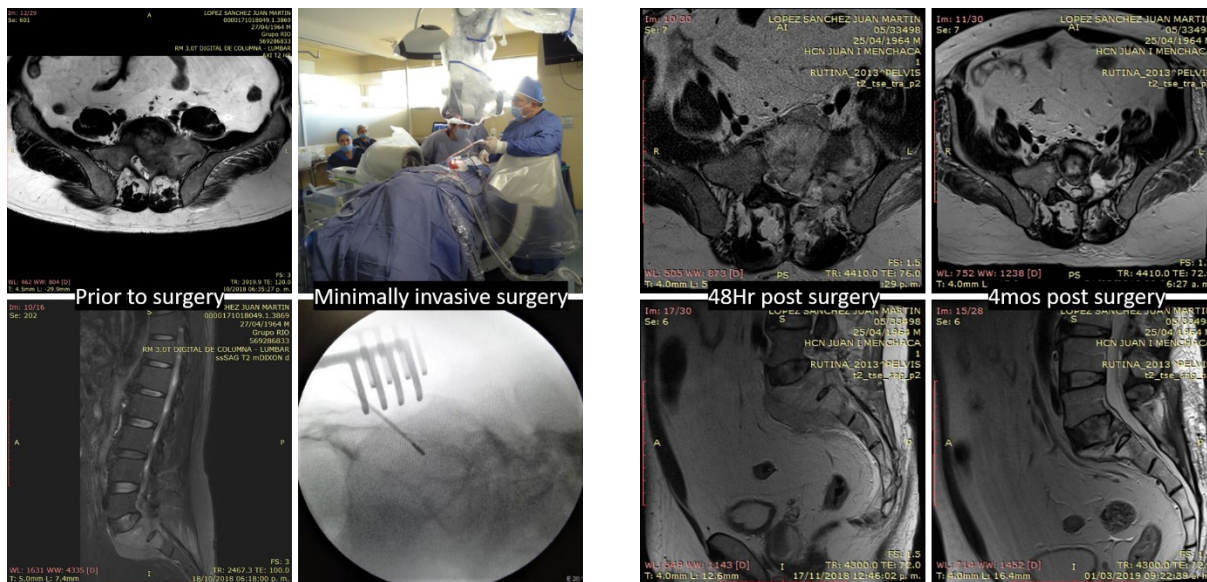


## Microwave energy used to successfully treat a large highly vascular sacral plasmacytoma tumor

Doctor Adrian Santana, a neurosurgeon at the main public hospital in Guadalajara, Mexico successfully treated a large sacral plasmacytoma using MedWaves AveCure Microwave Ablation (MWA) system developed and manufactured in San Diego, CA to relieve pain, restore urinary function, and walking in a month. Microwave energy was applied to the highly vascular tumor using a minimally invasive surgical technique with an MWA system, C-arm, and microscope. The patient continued to recover without chemo and radiation therapy, and MRI at the four months follow-up showed complete tumor destruction.



This type of tumor is often impossible to resect and would present an elevated risk from large blood losses and long surgical times due to location and high blood flow. The microwave energy ablation provides the neurosurgeons and spinal surgeons with a great adjuvant tool for treating this type of tumors to treating pain and restoring quality of life when used in conjunction with existing techniques.

MedWaves AveCure<sup>®</sup> microwave ablation system delivers microwave energy to diseased tissue with a smart microwave antenna located at the distal end of a probe or catheter connected to an intelligent microwave generator using temperature and power feedback controls for safe, effective, and predictable treatment. AveCure<sup>®</sup> microwave ablation system is FDA 510(K), CE Mark and COFFEPRIS registered. The MedWaves AveCure<sup>®</sup> Ablation System is intended for use in percutaneous, laparoscopic, and intraoperative coagulation-ablation of soft tissue.

The MedWaves Ablation System is not intended for use in cardiac procedures.

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