

Modified partial superficial parotidectomy versus conventional superficial parotidectomy improves treatment of pleomorphic adenoma of the parotid gland

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Abstract

Surgical treatment of pleomorphic adenoma of the parotid gland remains a subject of major debate. The investigators compared postoperative complications and surgical parameters between modified partial superficial parotidectomy and conventional superficial parotidectomy. Clinical records of 129 patients were reviewed and analyzed for clinical characteristic. Compared with the conventional superficial parotidectomy group, the modified partial superficial parotidectomy group had significantly lower rates of auricular numbness, Frey's syndrome, and obvious facial asymmetry (all P values < .05). The distance between the primary tumor capsule and satellite nodules ranged from .06 to 8.48 mm, and the greatest distance between the primary tumor capsule and satellite nodules was observed in tumors. Furthermore, satellite nodules were more common in tumors. Modified partial superficial parotidectomy compares favorably surgically and clinically with conventional superficial parotidectomy in certain patients.

Biography

Chao Li is working as the Director in the Department of Head & Neck Surgery at Sichuan Cancer Hospital & Institute. He has been working as a doctor in prevention and treatment of head and neck surgery for more than 10 years. He has published more than 100 papers, won 12 provincial and municipal science and technology awards and obtained 11 national patents. His clinical study of thyroid cancer made him win the first prize in the National Oncology Conference in 2014.