

APPLICATION OF MULTIFUNCTIONAL RESERVED CERVICAL LYMPHADENECTOMY IN THYROID CARCINOMA

Zhang, Qiang¹; Meng, Xianying¹; Pang, Renzhu¹; Yang, Shuai¹

¹Thyroid surgery Department of the First Hospital of Jilin University, Changchun, Jilin, China

Background/Purpose: To discuss the feasibility and significance of multifunctional reserved cervical lymphadenectomy in thyroid carcinoma.

Methods: Analyzed the 65 cases of multifunctional reserved cervical lymphadenectomy of region II to VI in thyroid carcinoma, four of them were bilateral cervical lymphadenectomy, from April 2006 to December 2009 in The Frist hospital of Jilin University retrospectively, including 54 cases of papillary thyroid carcinoma, 3 cases of follicular thyroid carcinoma and 4 cases of medullary thyroid carcinoma.

Results: Reservation of great auricular nerve were 60 cases, lesser occipital nerve were 56 cases, supraclavicular tegmentary nerve were 58 cases. follow-up investigation from half to four years after operation manifested 1 case recurred in the 18th month, 1 case recurred in the third year, no recurrence appeared in 59 cases, sensory function in auricular region recovered well during 3 months after operation in all cases, no insensible feeling occurred in cervical and shoulder, no changes of cervical appearance appeared after surgery.

Discussion & Conclusion: multifunctional reserved cervical lymphadenectomy can both cure the tumor radically and reserve the feeling in auricular region,cervical and supraclavicular region,which improve the quality of patients living.