

Diagnosis and treatment of malignant leioblastoma of small intestine

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Abstract

AIM: To report 6 patients with malignant leioblastoma of small intestine verified by surgery and pathology.

METHODS: There were 3 males and 3 females, aged from 38 to 73 ye ars. The tumor body were distribued mainly over duodenum (1 patient), jejunum (2), and ileum (3). Three patients underwent radical resection for malignant leioblastoma of small intestine and three palliative resection for the cancer. In two patients with hepatic metastasis, ligation of hepatic artery, the shock chemot herapy and hepatic artery thrombalization were performed. All of 6 patients were treated with Chinese medicine and immunopotentiator after operation.

RESULTS: One patient was lost to follow-up. Three patients died at 26 mo, 32 mo and 51 mo, respectively. One patient received second operation for recurrent cancer, and died at 2 mo after the operation. One patient have been living for 8 mo.

CONCLUSION: Based on our clinical experience of diagnosis and treatment, hypotonic duodenography and B ultrasonography were thought to be the first method for malignant leioblastoma of small intestine in grass-root hospitals, and a tool for early diagnosis of intestine cancer. The malignant leioblastoma of small intestine should be resected radically as for the gastrointestinal carcinoma. If the hepatic metastasis was found, malignant leioblastoma of small intestine was not only resected, but also treated with ligation of hepatic artery, the shock chemotherapy and hepatic artery trombolization. The effect was excellent, and two patients have lived more than two years.

Key words: Small intestine neoplasms/surgery; Small intestine neoplasms/pathology; Small intestine neoplasms/diagnosis; Jejjoblastoma

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