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Complications of transthoracic endoscopic sympathectomy for palmar hyperhidrosis

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Retrospective study of 115 cases palmar hyperhidrosis who underwent R2 or R3 transthoracic endoscopic sympathectomy during Jan 2007 and Jun 2012. All operations were successful and the palmar hyperhidrosis were completely alleviated after operation. No severe surgery-related complication taken place. The mean follow-up time was 48.2 months (range, 16-82 months). One patient experienced new symptom of gustatory sweating. Compensatory hyperhidrosis was found in 18.3% (21/115) of patients. The rates of compensatory hyperhidrosis in R2 group and R3 group were 25% (9/36) and 15.2% (12/79), their difference was significant ($P < 0.05$). Endoscopic sympathicotomy is a safety, effective, and micro-invasive treatment for palmar hyperhidrosis. R3 sympathectomy can significantly reduce the development of compensatory hyperhidrosis and improvement of postoperative patients quality of life.

Biography

Wang Qingmao has completed his M.D. at the age 22 from Fujian Medical University. He is the Chief of surgery department in Shi Shi Hospital of Fujian Province. He is a member of Fujian thoracic surgery society. He has published more than 10 papers in reputed journals.

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