

## 胸中段食管癌调强放疗近期疗效观察

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### Observation of Short-term Efficacy of Intensity-modulated Radiotherapy for Middle Thoracic Esophageal Carcinoma

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- 摘要
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#### 摘要 目的

探讨胸中段食管癌调强放射治疗(IMRT)的近期疗效及不良反应。方法采用IMRT方法, 治疗胸中段食管癌41例, 单次分割剂量为每次2.0 Gy, 1次/天, 5次/周。总剂量50~68 Gy。结果治疗结束、治疗后3月总有效率(CR+PR)分别为95.1%、92.7%。仅4例3级急性放射性食管炎、2例3级白细胞减少, 余不良反应均为0~2级。结论IMRT治疗胸中段食管癌患者可获得局部控制率, 不良反应轻, 在一定范围内安全可靠, 有利于食管癌根治放疗的顺利进行。

关键词: 食管肿瘤 放射治疗 调强放疗 预后

#### Abstract: Objective

To evaluate the short-term effect and adverse reactions of IMRT for middle thoracic esophageal carcinoma. Methods Forty-one patients with middle thoracic esophageal carcinoma received IMRT with total prescription dose of 50~68 Gy and with 25~34 fractions. 2.0 Gy/fraction, 5 fractions/week. Results The overall response rate was 95.1% after radiotherapy and 92.7% 3 month respectively. The toxicities were acceptable except four patient with grade III esophagitis and two patient with grade III leukocytopenia. Conclusion The local control rate of middle thoracic esophageal carcinoma treated with IMRT was encouraging and this treatment was safe and reliable which might guarantee the completion of IMRT.

Key words: Esophageal tumor Radiotherapy IMRT Prognosis

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