Collecting duct carcinoma presenting uncommon metastatic features

Ke Cheng, Ye Chen, Feng Zhao, Feng Gao, Hai-Tao Men, Meng Qiu, Qiu Li, Feng Bi, and Ji-Yan Liu

Department of Medical Oncology, Cancer Center, The State Key Laboratory of Biotherapy, West China Hospital, West China Medical School, Sichuan University, Chengdu, Sichuan Province, China

ABSTRACT

Collecting duct carcinoma (CDC) is a relatively rare subtype of renal cell carcinoma (RCC) which has an aggressive course with an extremely poor prognosis. Here we report on a case of CDC in a 29-year-old woman who showed rapid disease progression with some uncommon clinical features including extensive vertebral metastases and invasion of the spinal meninges. The patient developed paraplegia and died 9 months after the diagnosis of CDC. The features of the fulminant clinical course with the lesions of the meninges, although rare, are important for the accumulation of experience of this rare disease.

Key words: renal carcinoma, targeted therapies, collecting duct carcinoma.

This work was supported partly by the IIR grant of Pfizer (WS744597).

Correspondence to: Ji-Yan Liu, Department of Medical Oncology, Cancer Center, the State Key Laboratory of Biotherapy, West China Hospital, West China Medical School, Sichuan University, No 37, Guo Xue Xiang, Chengdu 610041, Sichuan Province, China.
Tel +86-28-85423262; fax +86-28-85423609; email liujiyan1972@163.com

Received September 25, 2011; accepted March 26, 2012.