

破裂性主動脈瘤電腦斷層表現

CT manifestations of ruptured abdominal aortic aneurysms

陳啓仁

Lim KE;Wang CR;Chen CJ;Chin KC;Yu HY

摘要

集 11 個經手術證實為破裂性腹主動脈瘤的病例，分析其電腦斷層影像的表現。所有動脈瘤都在腹主動脈下段，直徑為 4 至 11 公分。在此 11 個病例中有 10 個病人發現有腹主動脈瘤及高密度血塊於後腹腔。在後腹內的血塊，絕大部份都在腎旁及腎週邊腔內(Perirenal and pararenal spaces)。最後一個病人，發現血塊局限在動脈瘤旁。有七個病人，發現腹主動脈壁有不清楚現像，經手術證實為破裂之部位。不過這種表現不一定代表所有血管壁有不清楚時都是該部位為破裂。

Abstract

Computed tomography (CT) appearances of ruptured abdominal aortic aneurysms (AAAs) were reviewed and correlated with surgical findings in eleven patients. All aneurysms were located in the lower abdominal aorta, measuring 4-11 cm in diameter. In ten of the eleven patients, CT depicted a large aneurysm and the presence of ill- defined retroperitoneal fluid collection of high density. Within the retroperitoneum, the high- density fluid formed primarily in posterior pararenal and perirenal spaces. In the eleventh patient, only a small focal periaortic blood collection near the aneurysm was demonstrated. Focal area of indistinctness in the aortic wall, at the site of rupture was found in seven patients. All these patients underwent immediate surgery, which confirmed the site of aneurysm, presence of rupture, and the location of retroperitoneal blood.