Relationship between CT staging and vessel density of patients with gastric adenocarcinoma

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View from specialist: It is creative, and of certain scientific and educational value.

[ABSTRACT] Objective: To observe the relationship between intensified value of spiral CT and expression of CD34 labeled vessel in patients with gastric adenocarcinoma. Methods: A total of 85 cases with confirmed adenocarcinoma were selected as observation group. and had enhanced CT scanning. The expression of CD34 was determined by immunohistochemical method. microvessel intensity was also recorded. The relationship between intensified value of spiral CT and expression of CD34 labeled vessel was analyzed. Results: Spiral CT staging was close associated with intensity of CD34 labeled vessel, volume of gastric cancer, differentiation status and clinical staging. Intensified value of spiral CT was positively correlated with intensity of CD34 labeled vessel. Conclusions: Enhanced spiral CT scanning is of important clinical value in prognosis and treatment.

[KEY WORDS] Adenocarcinoma; Enhanced spiral CT; CD34; Vessel intensity; Imaging