

## 腺扁平上皮癌と乳頭腺癌の血管構築像の違いを造影超音波で描出し得た 胆嚢癌の1例

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### 抄 録

症例は70代女性。前医の腹部超音波検査で胆嚢癌が疑われ、当院消化器外科に紹介となった。当院の超音波検査では分節型の胆嚢腺筋腫症と胆嚢結石を背景に、底部にやや不均一な高エコーを示す約28mmの不整な結節状の隆起性病変と、その近傍に均一な低エコーを示す偏在性の壁肥厚性病変を認めた。いずれも境界は比較的明瞭であった。Sonazoid造影超音波検査では前者は動脈相早期より強く濃染し、病変内に樹枝状の血管像を認めたのに対し、後者は緩徐でやや弱い造影効果を示し、内部にはまばらな線状の血管構築像を認めた。胆嚢癌として胆嚢摘出術・肝床切除術・リンパ節廓清術が施行された。病理学的にAdenosquamous cell carcinoma with foci of well to moderately differentiated papillary adenocarcinomaと最終診断され、超音波検査で認めた不整隆起性病変は乳頭腺癌、壁肥厚性病変は腺扁平上皮癌に相当していた。特に腺扁平上皮癌部分には、乳頭腺癌と比較して豊富な線維性間質の増生と毛細血管数減少がみられ、造影超音波所見の違いに寄与したものと考えられた。異なる組織の胆嚢癌における血管構築像の違いを造影超音波で描出し得た貴重な症例であった。

### Difference in intralesional blood vessel pattern depicted on contrast-enhanced ultrasonography between adenosquamous cell carcinoma and papillary adenocarcinoma of gallbladder: A case report

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#### Abstract

A female in her 70s was admitted to our hospital because of suspected gallbladder carcinoma on abdominal ultrasonography (US) performed by her previous doctor. US showed an approximately 28-mm mild hyperechoic irregular mass and hypoechoic wall thickening at the fundus of the gallbladder. On contrast-enhanced ultrasonography (CEUS), the irregular mass was enhanced rapidly and vividly, and the wall thickening was enhanced slowly and progressively in the arterial phase. CEUS also showed branched blood vessels in the irregular mass and sparse linear blood vessels in the thickened wall. Cholecystectomy, gallbladder bed resection, and lymphadenectomy were performed. The diagnosis was adenosquamous cell carcinoma with foci of well to moderately differentiated papillary adenocarcinoma. The irregular mass and the wall thickening pathologically corresponded to papillary adenocarcinoma and adenosquamous cell carcinoma, respectively. The adenosquamous cell carcinoma showed subserosal invasion with a strong desmoplastic reaction in the stroma. It is suggested that abundant fibrotic stroma and a decrease in capillary blood vessels could have caused the difference in intralesional blood vessel pattern depicted on CEUS between the adenosquamous cell carcinoma and the papillary adenocarcinoma of the gallbladder.

#### Keywords

gallbladder cancer, adenosquamous cell carcinoma, papillary adenocarcinoma, contrast-enhanced ultrasonography, Sonazoid

#### 1. はじめに

胆嚢癌の造影超音波所見についての報告は胆嚢良

性病変との鑑別に着目したものが多く、その組織像による所見の違いについての報告はほとんどない。今回我々は腺扁平上皮癌と乳頭腺癌が同時多発した

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