

**original abstract form****Evaluation of the Continuous Spot Projection During  
Endoscopic Retrograd Cholangiography for the Choledochocele Diagnosis****Author** : Lee H J, Son S Y, Lee W H, Chin C H**Institute** : Dept of Radiology, Asan Medical Center, Seoul, Korea

We evaluated the effectiveness of continuous spot projection(CSP) for the diagnosis of choledochocele on endoscopic retrograde cholangiography(ERC)

We performed of 37 patients, who had choledochocele symptom. This study was classified into general ERC and CSP group during the ERC. Statistic

analysis was performed by using the Frequency and Chi-square test.

Of total 37 patients, CSP was 12(32.4%), and only general ERC was 25(67.6%) during the ERC. 15 patients(40.5%) had a exactly diagnostic results for choledochocele, 8 patients(21.6%) of patients took over double ERC. Of total 37 patients taken the first ERC, 9 patients(90.0%) taken CSP had a exactly diagnostic results but only 6 patients(22.2%) not CSP had it, there was a statistic difference significantly( $P < 0.01$ ).

In the treatment of choledochocele, 14 patients(93.3%) were taken endoscopic sphincterotomy(EST) and, only 1 patient(6.7%) was taken operation in the case of exact diagnosis, while the diagnosis was obscure, operation(54.5%) was much more compared with EST(45.5%) significantly( $P < 0.01$ )

CSP during the ERC for the patients with choledochocele symptom had a much more ratio amount of exact diagnosis than general ERC without CSP, And so, the patients were taken EST promptly, Furthermore, other examination did not need.

We concluded that CSP is an useful technique for choledochocele diagnosis in clinical application.

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