Endoscopic ultrasound hue histogram, diagnostic accuracy

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Data analysis

Diagnostic validity analysis included ROC curve analysis, with specific values of area under the curve AUC, significance of the area, and confidence intervals. Sensitivity, specificity, positive and negative predictive values, positive and negative likelihood ratios are also expressed in the analysis. Overall accuracy of the prediction was calculated based on previous parameters. Cut-off points for various measures are calculated based on the coordinates of the ROC curve, also presented in the analysis.
Positive likelihood ratio is calculated as sensitivity / 1- specificity. Negative likelihood ratio is calculated as 1-specificity / sensitivity. Overall accuracy is calculated as the sum of positive and negative predictive value.
Statistical significance is set to p<0.05, with all confidence intervals expressed in 95% level.
All statistical analysis have been made in SPSS 14.0 (SPSS Inc., Chicago, IL, USA).

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