

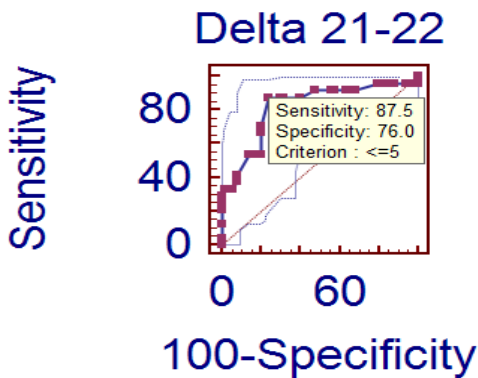


05-2011

**ES Complex clinical investigation: Hepatitis Screening Test
(as reference HBV /HCV /Biopsy and Metavir) : Specificity and Sensitivity**

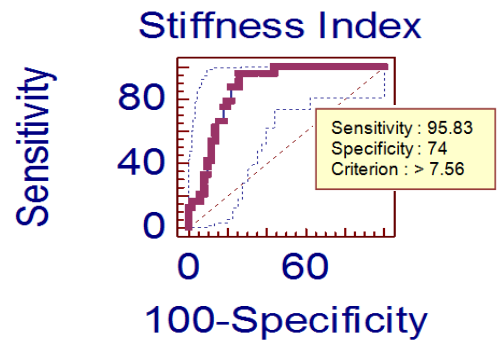
Ianni Filho D. New approach for large scale screening for the asymptomatic hepatic virus infection and liver fibrosis. UNICAMP University 2011.

Detection Hepatitis virus infection



Variable	Delta_21_22
Classification variable	Delta 21-22 Diagnostic
Sample size	74
Positive group : Diagnostic = 1	24
Negative group : Diagnostic = 0	50
Disease prevalence (%)	32.4
Area under the ROC curve (AUC)	0.819
Standard Error ^a	0.0570
95% Confidence Interval ^b	0.712 to 0.899
z statistic	5.594
Significance level P (Area=0.5)	<0.0001

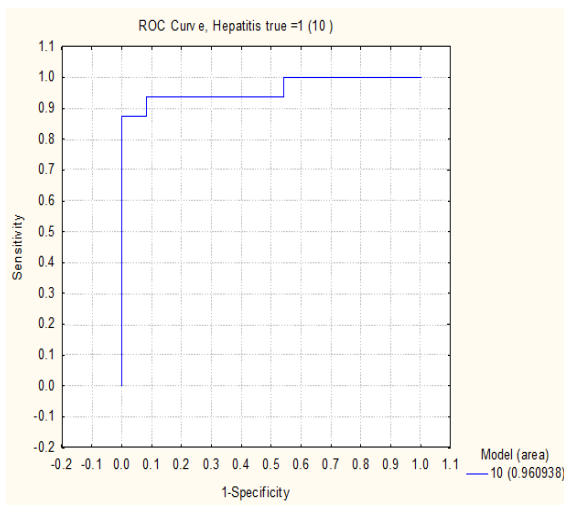
^a DeLong et al., 1988
^b Binomial exact



Variable	Stiffness_Index
Classification variable	Stiffness Index Diagnostic_1 Diagnostic_1
Sample size	74
Positive group : Diagnostic 1 = 1	24
Negative group : Diagnostic 1 = 0	50
Disease prevalence (%)	32.4
Area under the ROC curve (AUC)	0.864
Standard Error ^a	0.0418
95% Confidence Interval ^b	0.764 to 0.932
z statistic	8.712
Significance level P (Area=0.5)	<0.0001

^a DeLong et al., 1988
^b Binomial exact

Detection hepatic fibrosis



	Hepatitis true =1.1.10	Hepatitis true =1.0.10
Total	24.0000	16.00000
Correct	24.0000	14.00000
Wrong	0.0000	2.00000
Unknown	0.0000	0.00000
Correct(%)	100.0000	87.50000
Wrong(%)	0.0000	12.50000
Unknown(%)	0.0000	0.00000