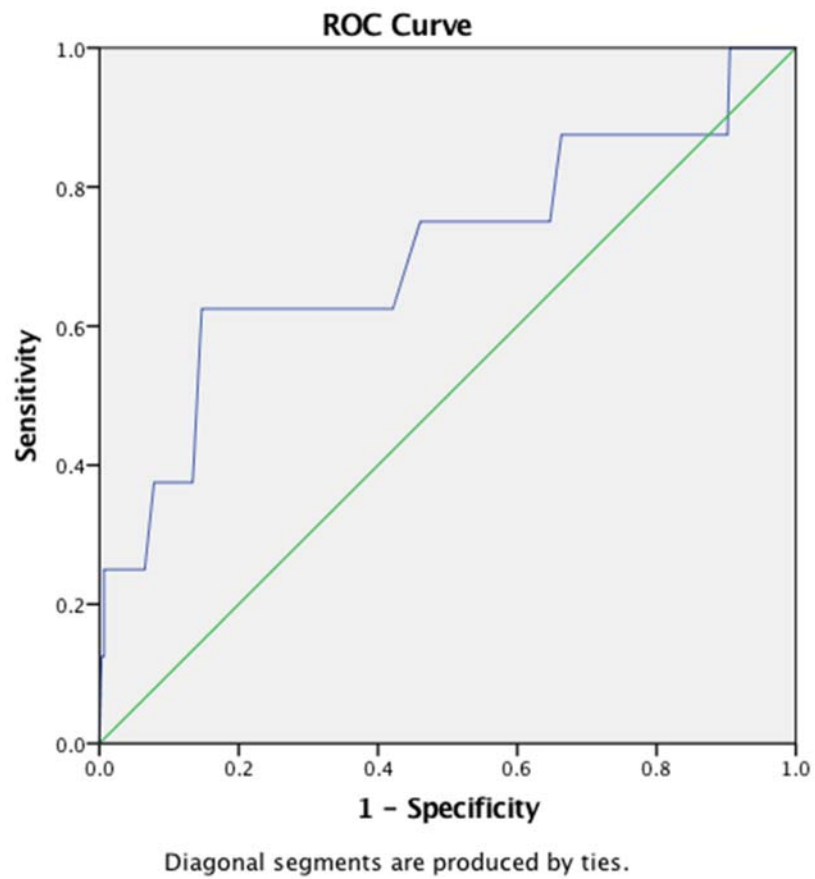


Supplemental File 5.

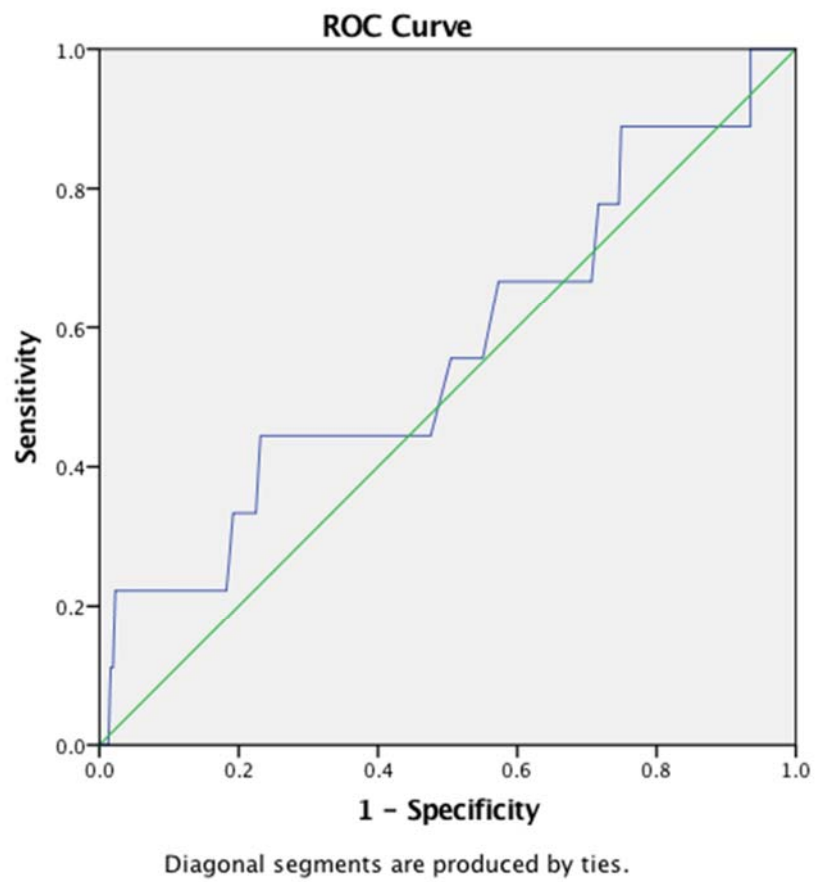
ROC curves of test performance of individual Multiplate agonists and PFA kits

Preoperative patients LTA AA – Multiplate ASPItest



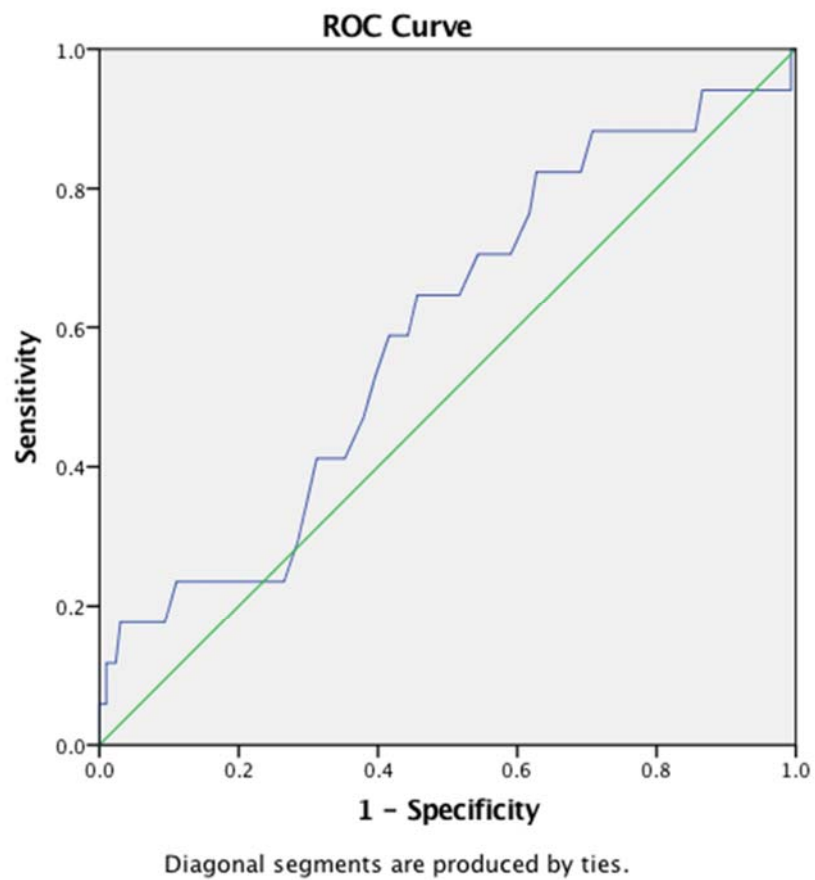
N=314 with 8 abnormal LTA AA curves. AUC 0.71, 95%CI 0.49-0.92, p=0.05

Preoperative patients LTA TRAP – Multiplate TRAPtest



N=316 with 9 abnormal LTA TRAP curves. AUC 0.57, 95%CI 0.36-0.78, p=0.49

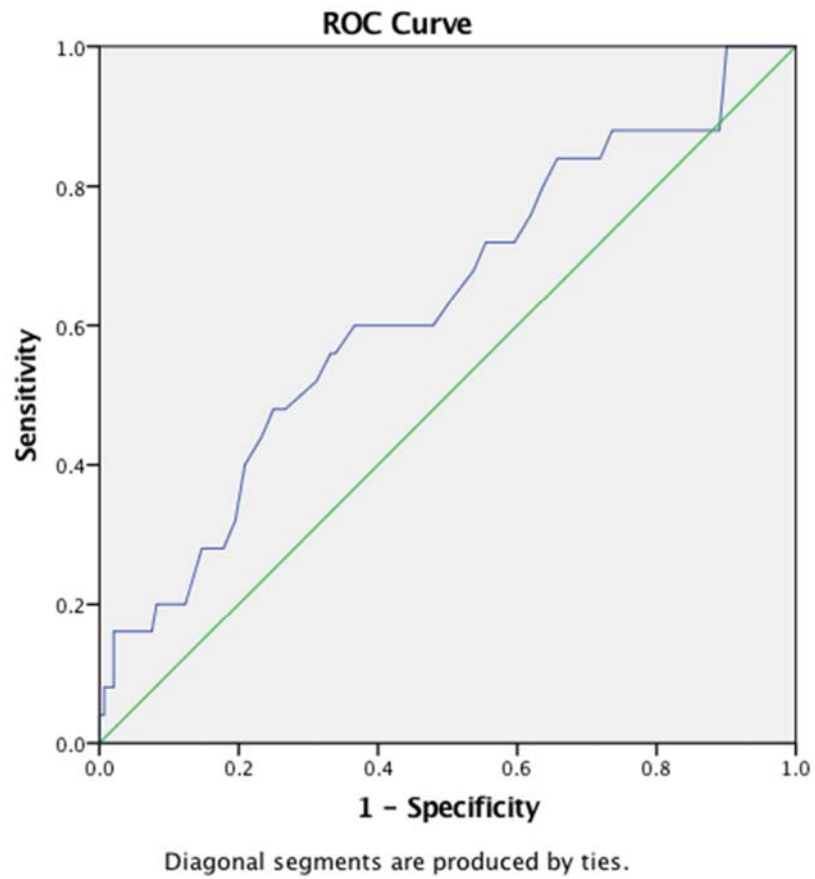
Preoperative patients LTA COL – Multiplate COLtest



N=315 with 17 abnormal LTA COL curves. AUC 0.59, 95%CI 0.46-0.73, $p=0.20$

If COL 1 microg/ml or 4 microg/ml or both collagen curves were abnormal, the LTA collagen result was considered 'abnormal'.

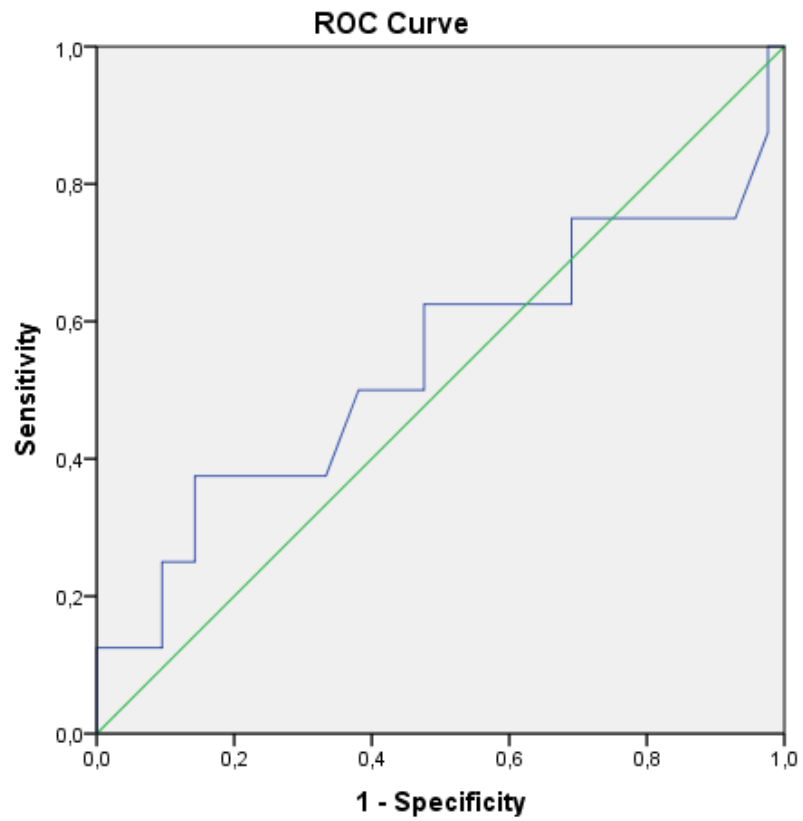
Preoperative patients LTA ADP – Multiplate ADPtest



N=317 with 25 abnormal LTA ADP curves. AUC 0.63 95%CI 0.51-0.75, p=0.03

If ADP 5 microM, ADP 10 microM or both ADP curves were abnormal, the LTA ADP result was considered 'abnormal'.

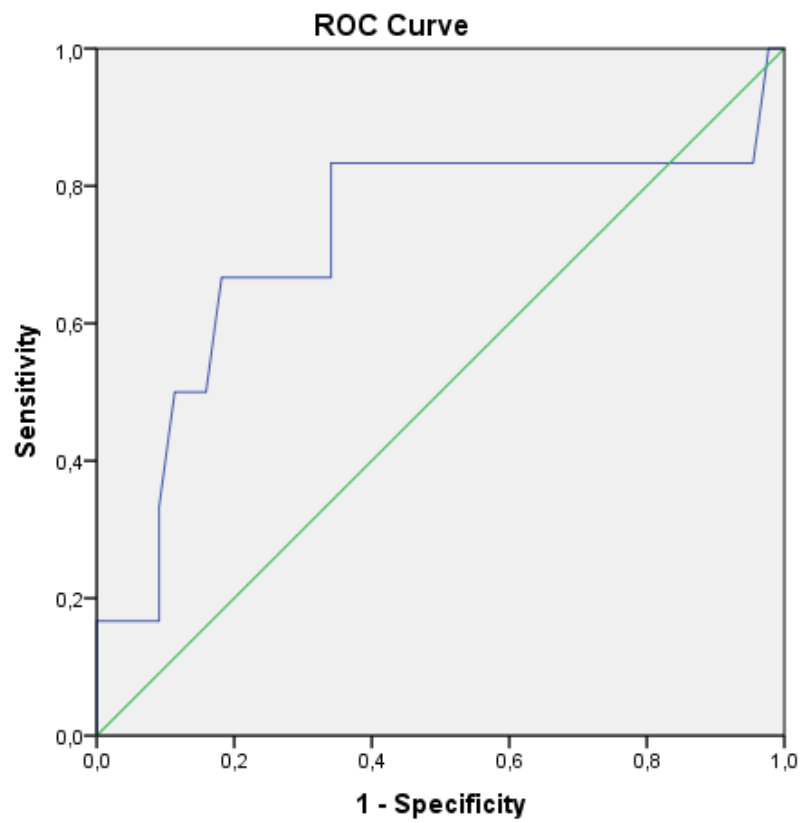
Patients referred for bleeding evaluation LTA AA - Multiplate ASPItest



Diagonal segments are produced by ties.

N= 50 with 8 abnormal LTA AA curves. AUC 0.54 95%CI 0.28-0.80, p = 0.73

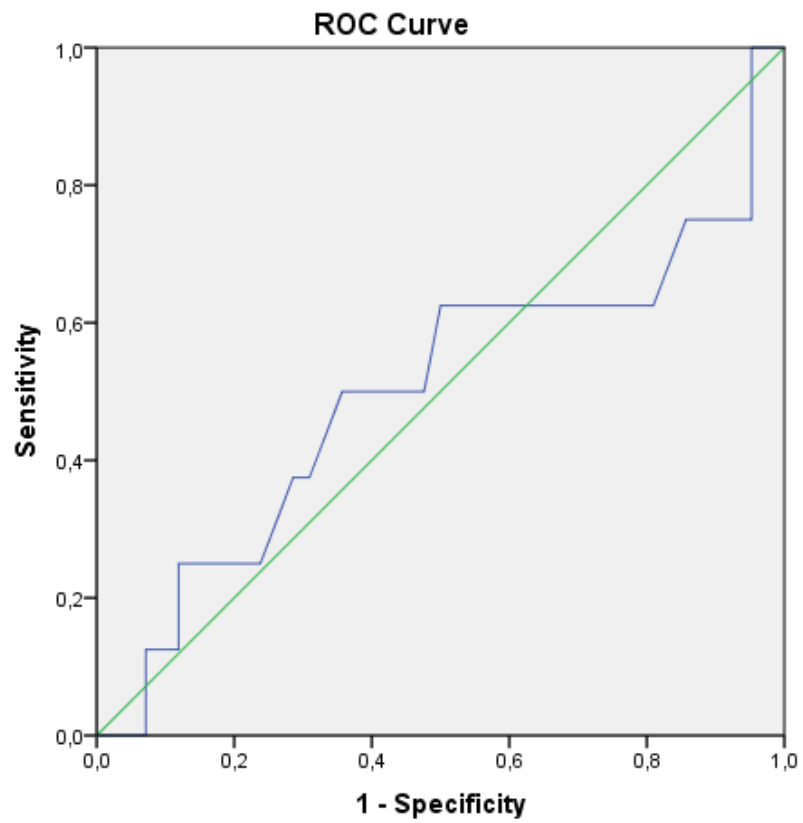
Patients referred for bleeding evaluation LTA TRAP - Multiplate TRAPtest



Diagonal segments are produced by ties.

N= 50 with 6 abnormal LTA TRAP curves. AUC 0.72 95%CI 0.45-0.99, p = 0.08

Patients referred for bleeding evaluation LTA COL - Multiplate COLtest

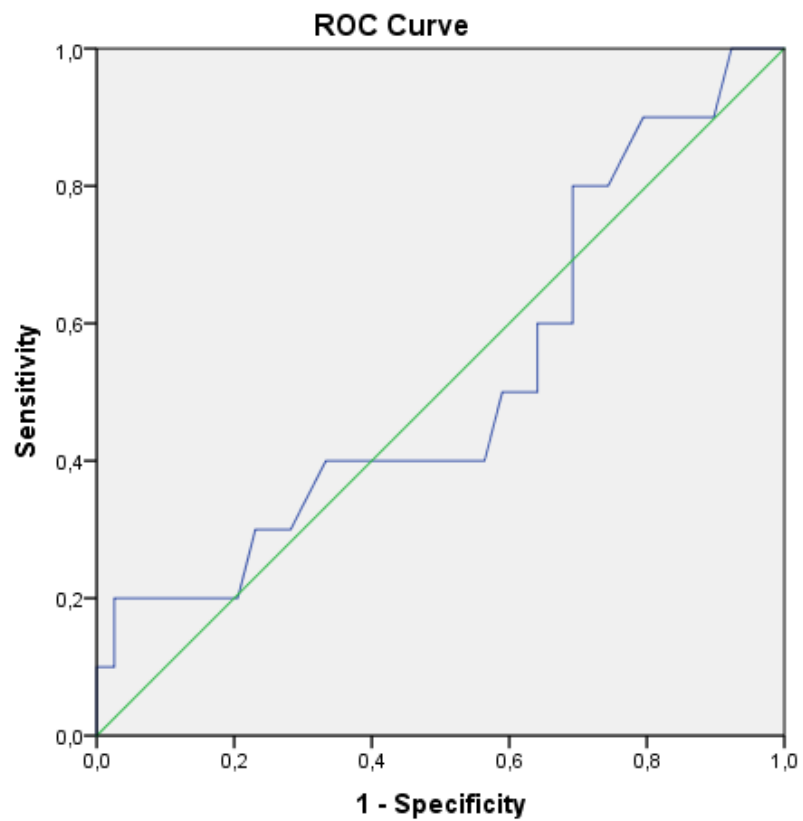


Diagonal segments are produced by ties.

N= 50 with 8 abnormal LTA COL curves. AUC 0.50 95%CI 0.25-0.75, p = 0.99

If COL 1 microg/ml or 4 microg/ml or both collagen curves were abnormal, the LTA collagen result was considered 'abnormal'.

Patients referred for bleeding evaluation LTA ADP - Multiplate ADPtest

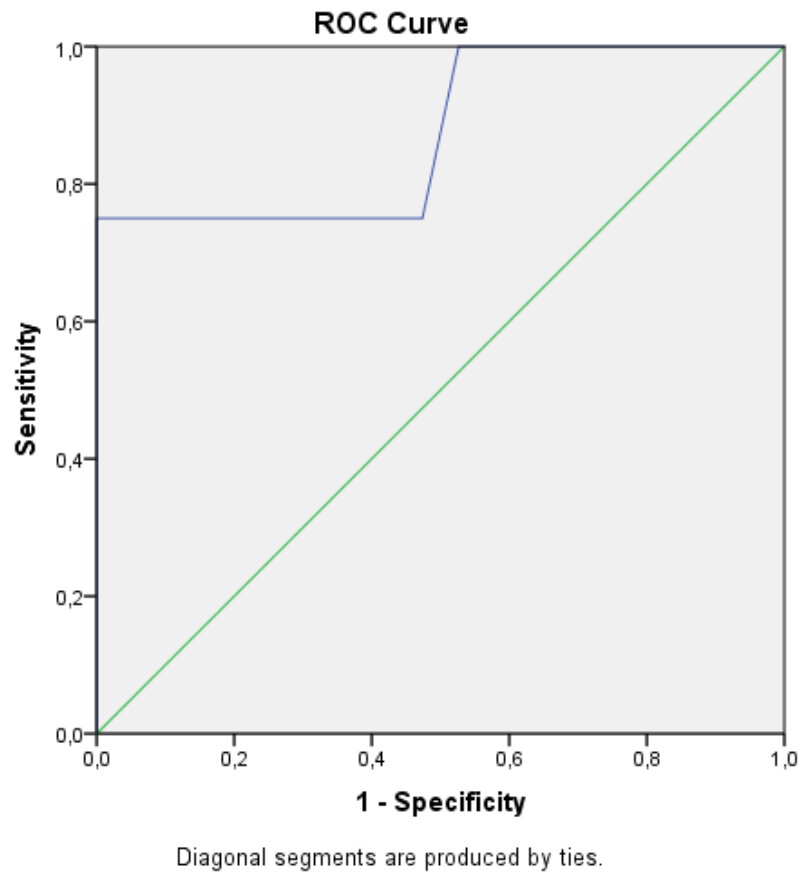


Diagonal segments are produced by ties.

N= 49 with 10 abnormal LTA ADP curves. AUC 0.52 95%CI 0.31-0.73, p = 0.87

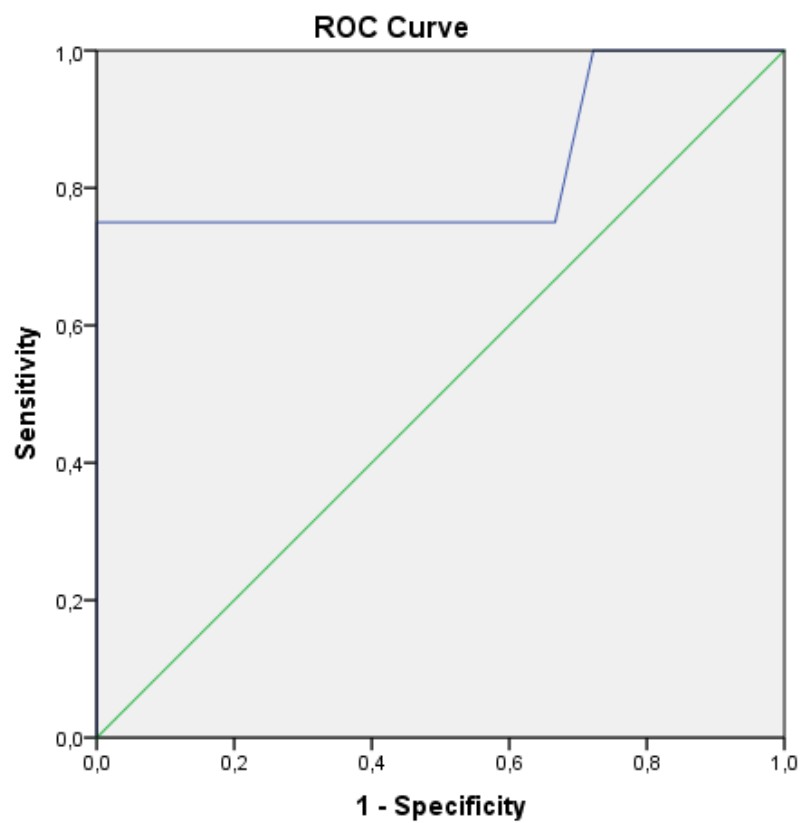
If ADP 5 microM, ADP 10 microM or both ADP curves were abnormal, the LTA ADP result was considered 'abnormal'.

Patients with a diagnosed bleeding disorder LTA AA - Multiplate ASPltest



N= 23 with 4 abnormal LTA AA curves. AUC 0.86 95% CI 0.65-1.00, p = 0.02

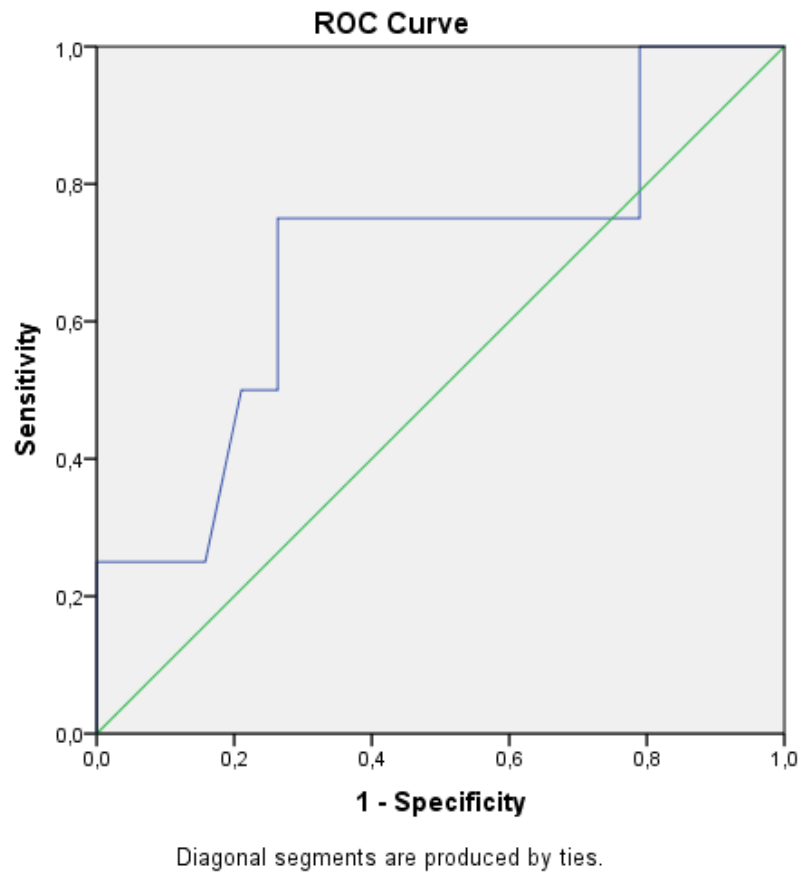
Patients with a diagnosed bleeding disorder LTA TRAP- Multiplate TRAPtest



Diagonal segments are produced by ties.

N= 22 with 4 abnormal LTA TRAP curves. AUC 0.83 95%CI 0.52-1.00, p = 0.05

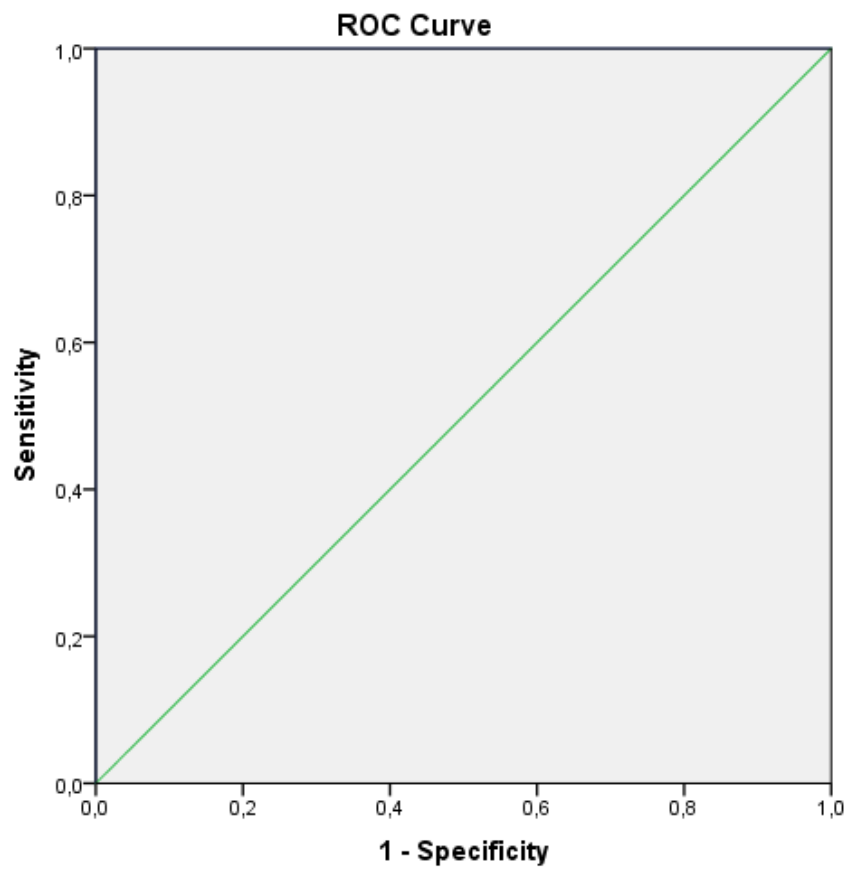
Patients with a diagnosed bleeding disorder LTA COL - Multiplate COLtest



N= 23 with 4 abnormal LTA COL curves. AUC 0.70 95%CI 0.38-1.00, p = 0.24

If COL 1 microg/ml or 4 microg/ml or both collagen curves were abnormal, the LTA collagen result was considered 'abnormal'.

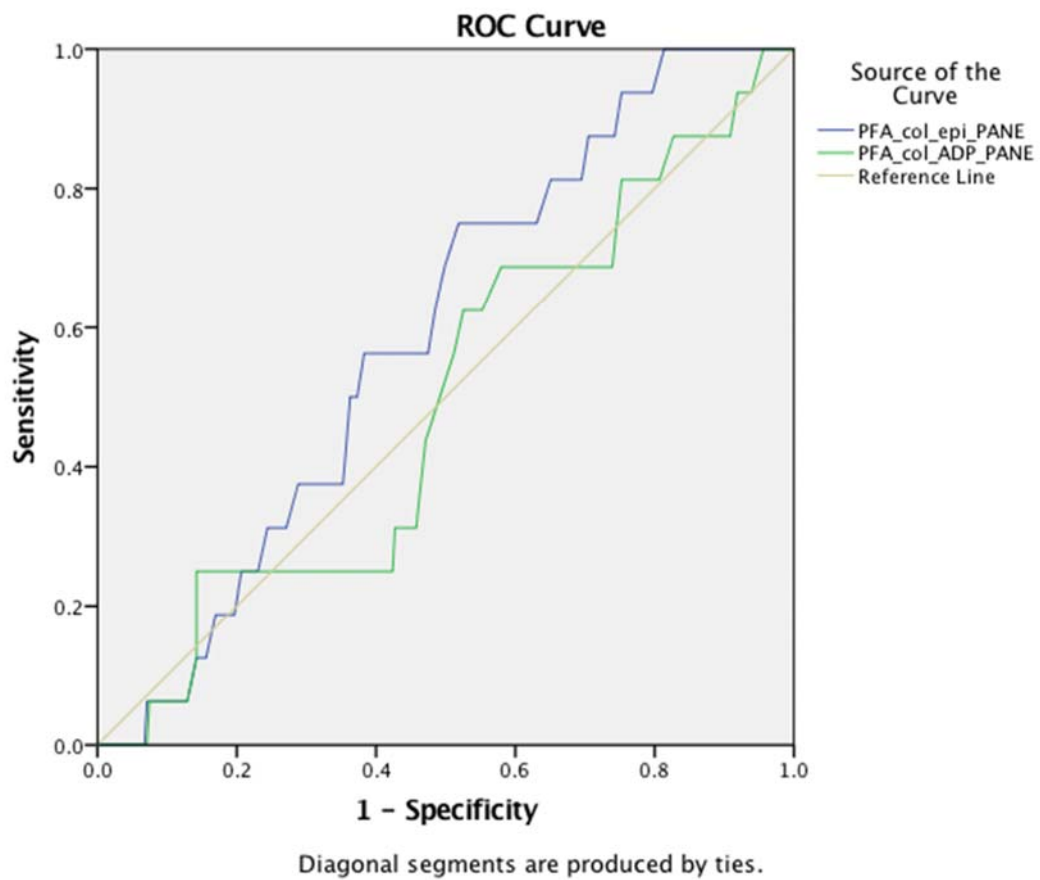
Patients with a diagnosed bleeding disorder LTA ADP - Multiplate ADPtest



N= 23 with 3 abnormal LTA ADP curves. AUC 1.00 (1.00-1.00), p = 0.01

If ADP 5 microM, ADP 10 microM or both ADP curves were abnormal, the LTA ADP result was considered 'abnormal'.

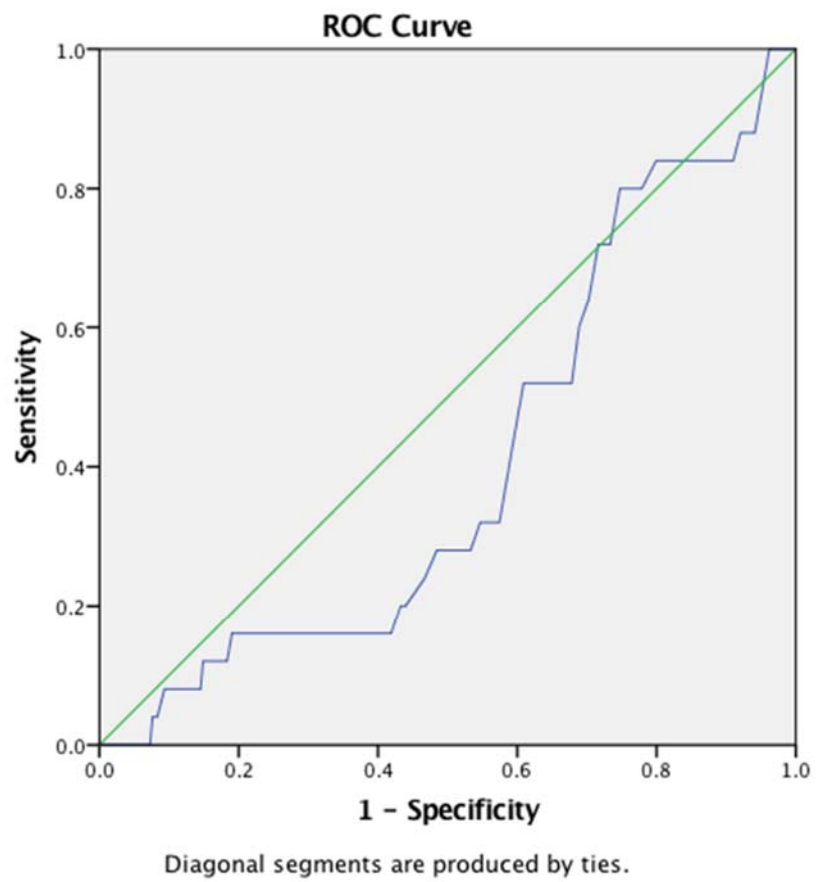
Preoperative patients LTA COL – PFA C-ADP/C-EPI



PFA COL-EPI: N=314 with 16 positive LTA COL results. AUC 0.59, 95%CI 0.48-0.71, p=0.22

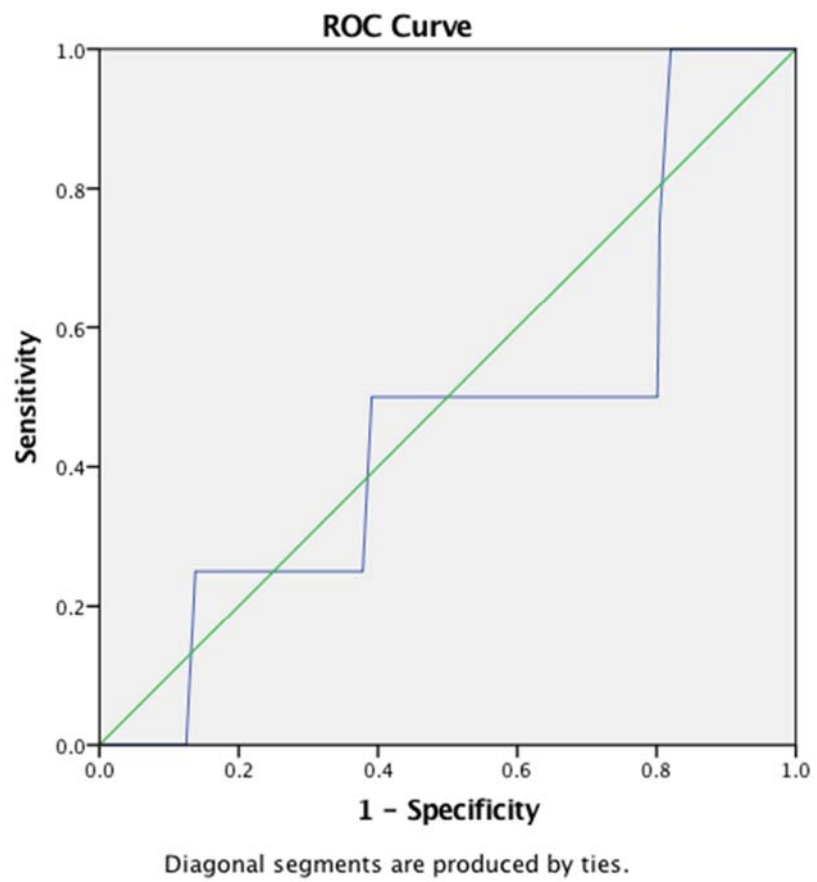
PFA COL-ADP: N=312 with 16 positive LTA COL results. AUC 0.50, 95% CI 0.36-0.63, p=0.96

Preoperative patients LTA ADP – PFA C-ADP



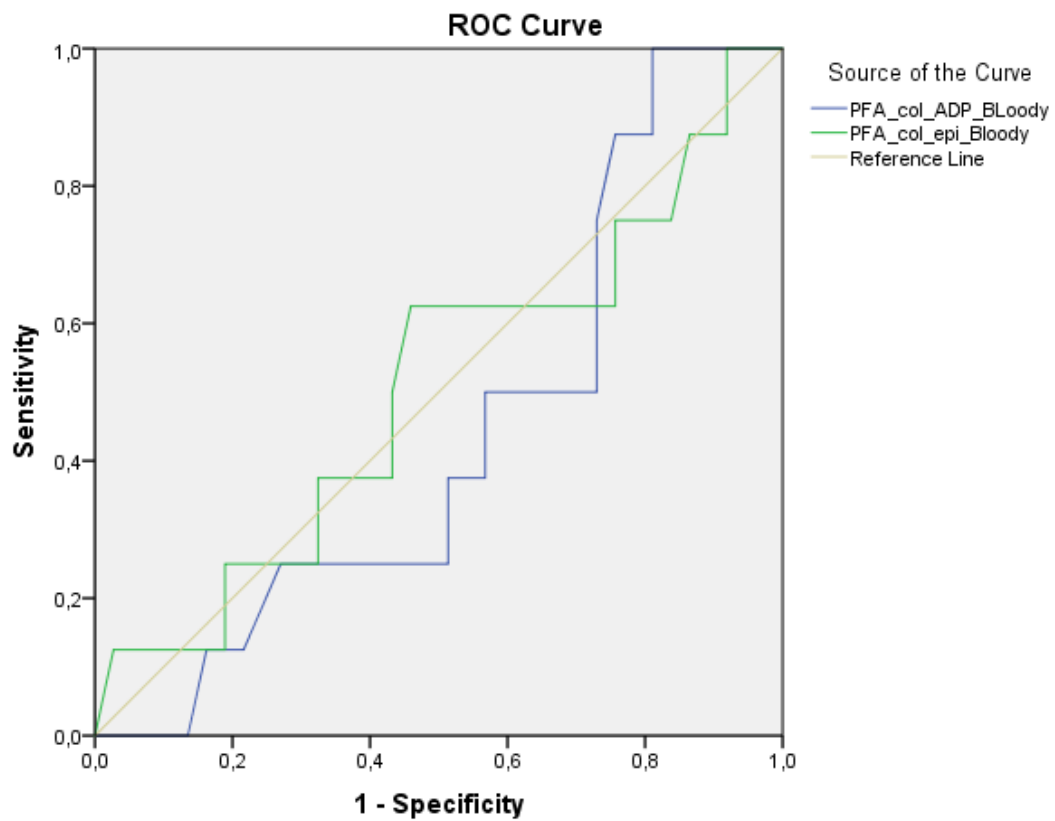
N=314 with 25 positive LTA ADP results. AUC 0.41, 95%CI 0.30-0.51, p=0.12

Preoperative patients LTA EPI – PFA C-EPI



N=316 with 4 positive LTA EPI results. AUC 0.47, 95%CI 0.18-0.75, p=0.82

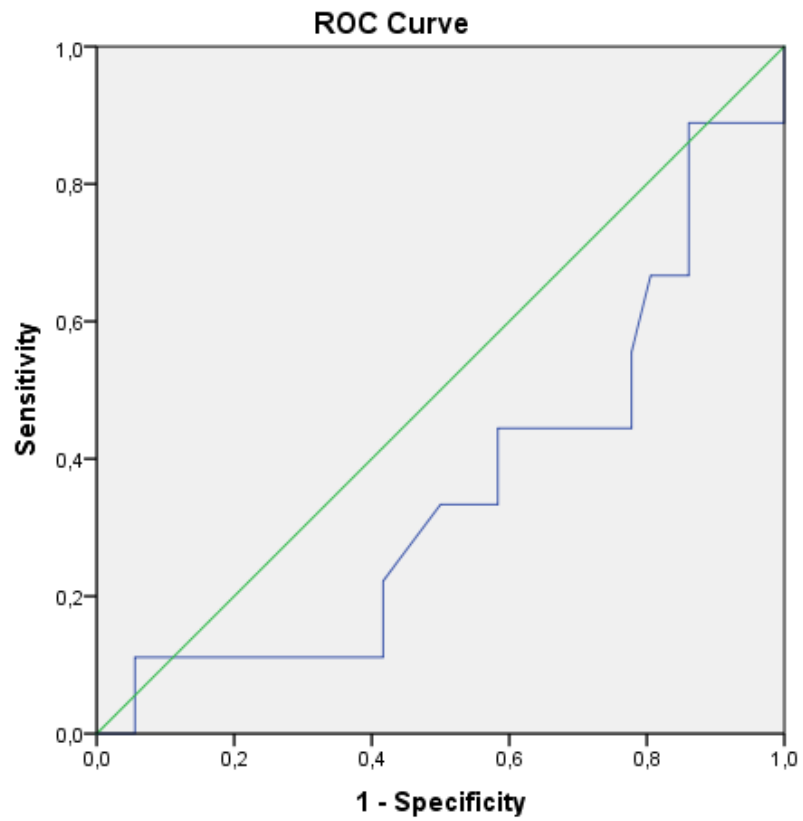
Patients referred for bleeding evaluation LTA COL - PFA C-ADP / C-EPI



PFA COL-EPI: N=48 with 8 positive LTA COL results. AUC 0.51 95%CI 0.28-0.74, p = 0.94

PFA COL-ADP: N=45 with 8 positive LTA COL results. AUC 0.44 95%CI 0.24-0.64, p = 0.59

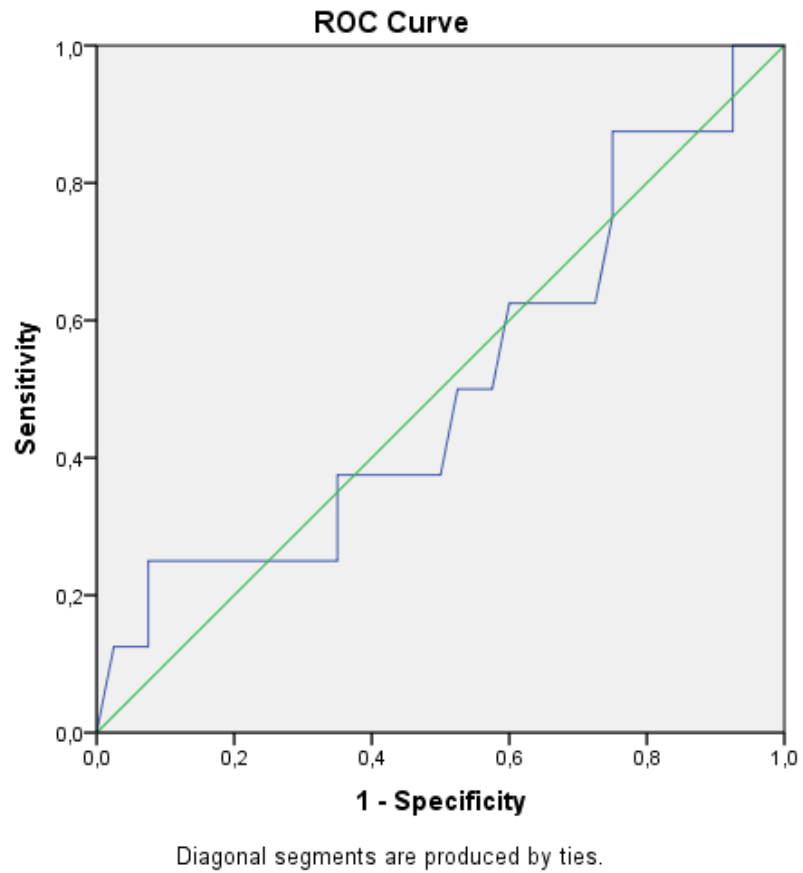
Patients referred for bleeding evaluation LTA ADP - PFA C-ADP



Diagonal segments are produced by ties.

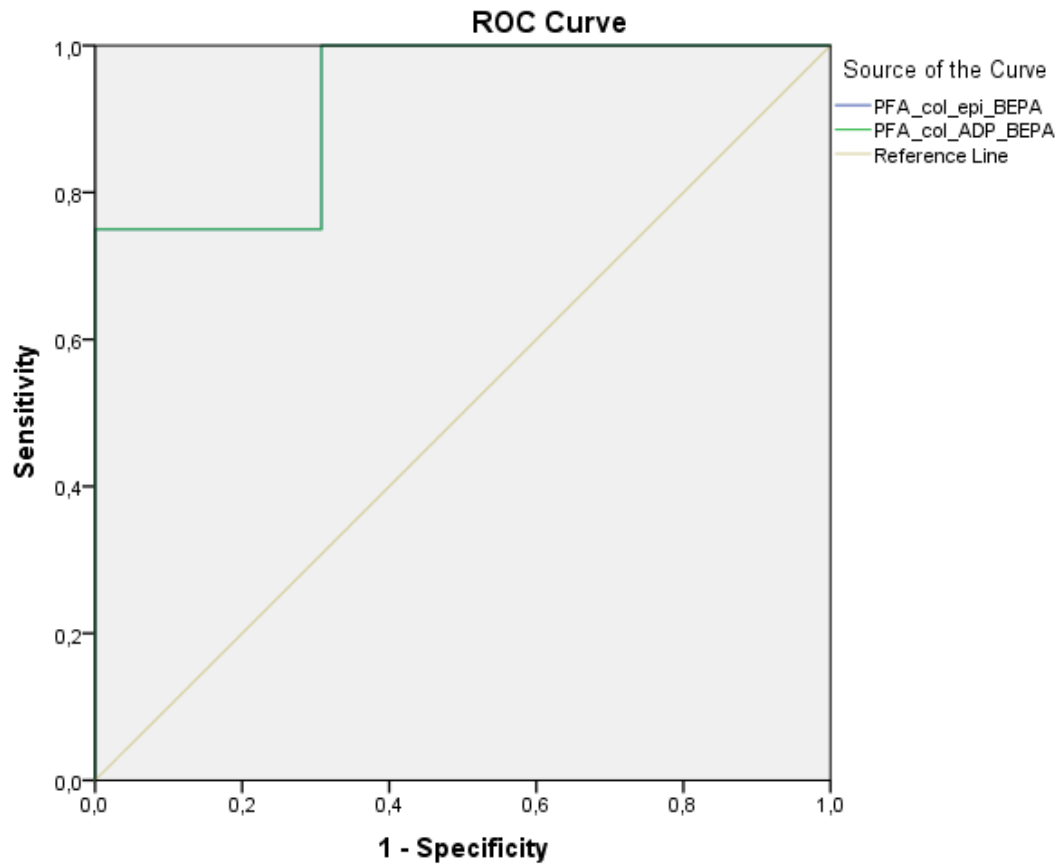
N=45 with 9 positive LTA ADP results. AUC 0.36 95%CI 0.15-0.56, p = 0.18

Patients referred for bleeding evaluation LTA EPI - PFA C-EPI



N=48 with 8 positive LTA EPI results. AUC 0.51 95%CI 0.27-0.74, p = 0.96

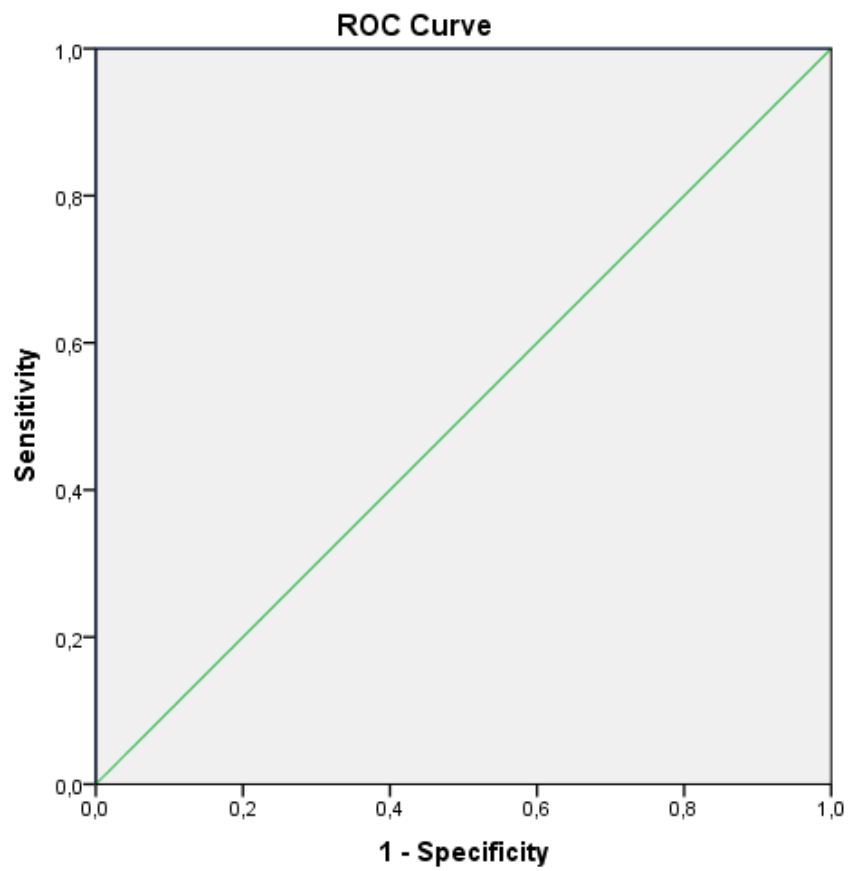
Patients with a diagnosed bleeding disorder LTA COL - PFA C-ADP/C-EPI



PFA COL-EPI: N=17 with 4 positive LTA COL results. AUC 0.92 95%CI 0.77-1.00, p = 0.08

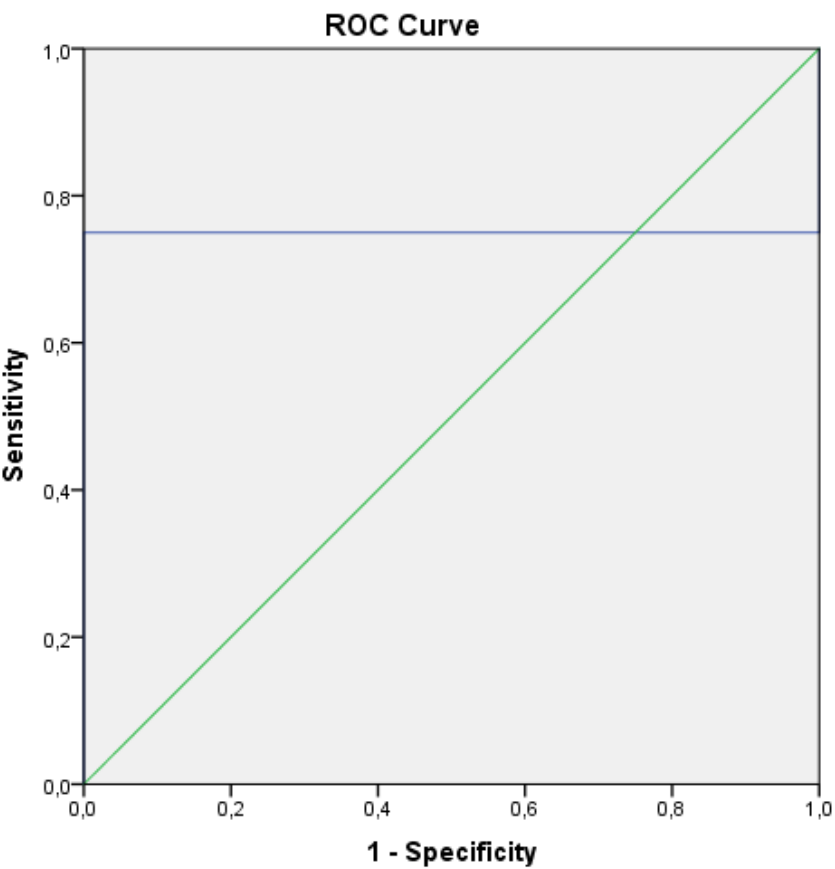
PFA COL-ADP: N=17 with 4 positive LTA COL results. AUC 0.92 95%CI 0.77-1.00, p = 0.08

Patients with a diagnosed bleeding disorder LTA ADP - PFA C-ADP



N=17 with 3 positive LTA ADP results. AUC 1.00 95%CI 1.00-1.00, p = 0.01

Patients with a diagnosed bleeding disorder LTA EPI - PFA C-EPI



N=17 with 3 positive LTA EPI results. AUC 0.74 95%CI 0.33-1.00, p = 0.14