

Supplemental File 2.

Platelet function defects detected by LTA

1A. Preoperative patients

Patient number	LTA agonists*								Diagnosis
	ADP 5	ADP 10	COL 1	COL4	EPI	AA	RIST	TRAP	
04	normal	normal	normal	normal	reduced	normal	normal	reduced and reversible	Thrombopathy NOS
22	reduced and reversible	normal	delayed	normal	reduced	normal	normal	normal	Thrombopathy NOS
31	reduced	normal	normal	normal	reduced	delayed	normal	reduced and reversible	Thrombopathy NOS
39	delayed	delayed	normal	normal	normal	delayed	normal	reduced and reversible	Thrombopathy NOS
40	reduced	delayed	reduced	normal	normal	reduced	normal	normal	Thrombopathy NOS
44	normal	normal	absent	normal	absent	normal	normal	normal	Thrombopathy NOS
49	normal	normal	delayed	normal	normal	normal	normal	reduced and reversible	Thrombopathy NOS
60	delayed	normal	Reduced	normal	normal	delayed	normal	normal	Thrombopathy NOS
86	delayed	normal	normal	normal	normal	normal	normal	reduced and reversible	Thrombopathy NOS
92	delayed	delayed	delayed	normal	normal	normal	normal	delayed	Thrombopathy NOS
99	delayed	normal	reduced	normal	normal	normal	normal	normal	Thrombopathy NOS
121	delayed	delayed	normal	normal	normal	normal	normal	normal	Thrombopathy NOS
139	delayed	delayed	normal	normal	normal	normal	normal	normal	Thrombopathy NOS
258	delayed	normal	normal	normal	normal	normal	normal	reduced and reversible	Thrombopathy NOS
301	normal	delayed	normal	normal	normal	normal	normal	delayed	Thrombopathy NOS
332	reduced	normal	Reduced	normal	normal	normal	normal	normal	Thrombopathy NOS

1B. Patients referred for bleeding evaluation

Patient number	LTA agonists*								Diagnosis
	ADP 5	ADP 10	COL 1	COL4	EPI	AA	RIST	TRAP	
07	reduced and reversible	normal	reduced	normal	normal	absent	normal	absent	Thrombopathy NOS
08	reduced	normal	absent	reduced	reduced	absent	normal	normal	Thrombopathy NOS
11	normal	delayed	normal	normal	normal	delayed	delayed	normal	Thrombopathy NOS
12	normal	normal	reduced	normal	reduced	normal	normal	normal	Thrombopathy NOS
14	normal	normal	normal	normal	normal	delayed	normal	delayed	Thrombopathy NOS
30	delayed	delayed	delayed	normal	delayed	normal	normal	normal	Thrombopathy NOS

33	normal	normal	normal	normal	normal	delayed	normal	delayed	Thrombopathy NOS
34	reduced	normal	reduced	normal	normal	normal	normal	normal	Thrombopathy NOS
36	reduced	normal	normal	normal	normal	absent	normal	reduced	Thrombopathy NOS
52	reduced	normal	reduced	normal	normal	normal	normal	normal	Thrombopathy NOS

1C. Patients with a diagnosed bleeding disorder

Patient number	LTA agonists*								Diagnosis
	ADP5	ADP10	COL1	COL4	EPI	AA	RIST	TRAP	
03	absent	absent	absent	absent	absent	absent	reduced	absent	Glanzmann's disease
18	absent	absent	absent	absent	absent	absent	normal	absent	Glanzmann's disease
23	absent	absent	absent	absent	absent	absent	normal	absent	Glanzmann's disease

Legend: Platelet function defects detected by LTA in 3 patient groups (A-C). Absent: maximal aggregation <10%. Reduced: maximal aggregation <60%. Delayed: maximal aggregation not reached in 3 min (visually interpreted as delayed). Reversible: aggregation reverses to below 50% of maximal aggregation. *LTA agonist concentrations: ADP 5 μ M and 10 μ M, Collagen 1 μ g/mL and 4 μ g/mL, EPI 10 μ M, Arachidonic acid 1 mM, Ristocetine 1.5 mg/ml and TRAP 15 μ M. **Abbreviations:** AA; arachidonic acid. ADP; adenosine diphosphate. COL; collagen. EPI; epinephrine. LTA; light transmission aggregometry. TRAP; thrombin receptor activating peptide.