

Presentation of a challenging case of thrombocytopenia

SHIRAZ UNIVERSITY OF MEDICAL SCIENCES

01.2026

Case Description

- ▶ **Demographics:** Male, birth 03 March 2020; **first visit 16 June 2024 at age 4 years**
- ▶ **Family history:** Mother with decreased platelets, improved after splenectomy
- ▶ **Presentation & Initial workup:**
 - WBC 6000/ μ L (43% neutrophils)
 - Hemoglobin 13.9 g/dL; MCV 74.3 fL; MCH 25.4 pg
 - Platelets 15,000/ μ L (**severe thrombocytopenia**)
 - TSH 2.234 mIU/L (nl)
 - Autoimmune/viral screens: negative (ANA/dsDNA/C3/C4/HBsAg/HCVAb/HIVAb negative)
 - Platelet flow cytometry: CD41a, CD42a, CD42b normal
- ▶ **Exam:** No hepatosplenomegaly (HSM); LAP negative-
- ▶ **Impression:** Immune Thrombocytopenia (ITP)

Initial Management & Response

- ▶ **Treatment:**

- PO prednisolone

- ▶ **Outcome:**

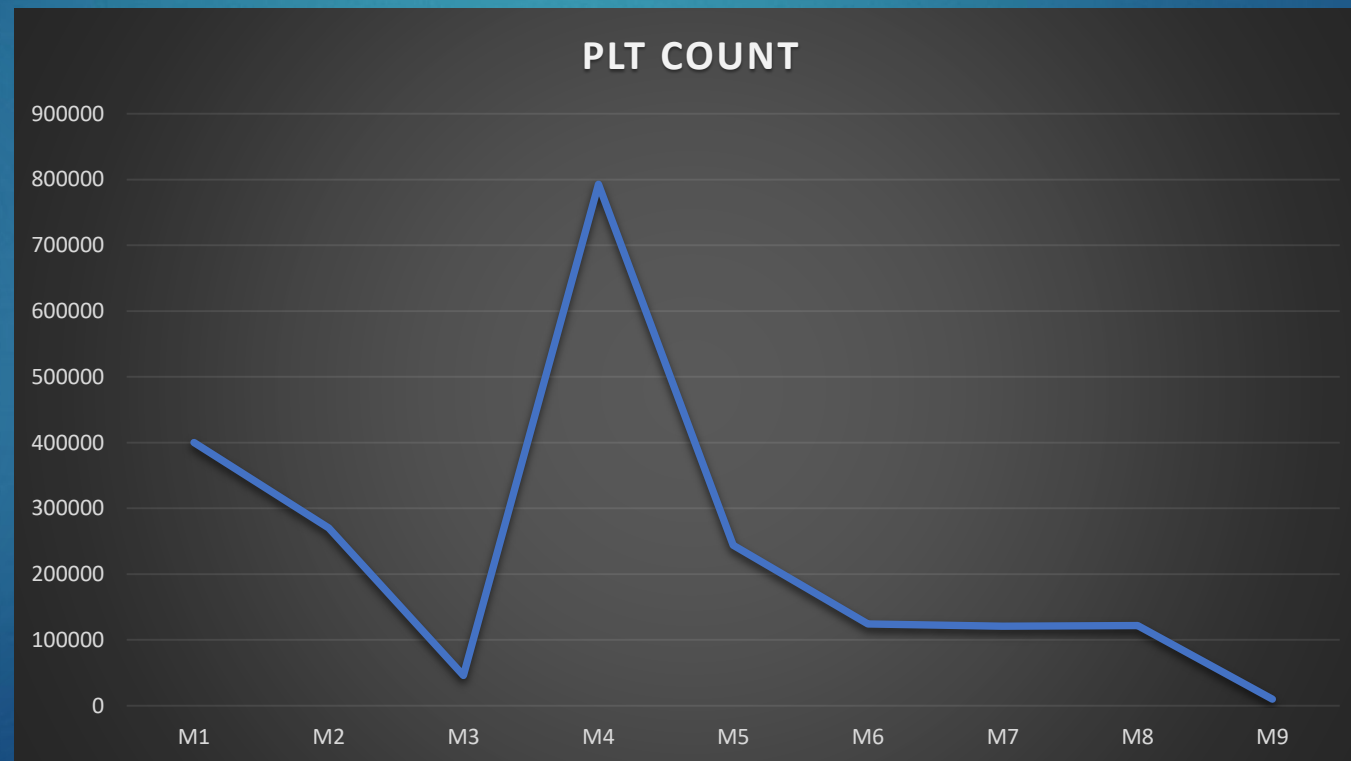
- Platelet count rose from 15,000/ μ L to 90,000/ μ L

Follow Up

DATE	TREATMENT	RESPONSE	ASSESSMENT
13.07.2024	IVIG	NO RESPONSE(≤ 10000)	
21.07.2024	Eltrombopag 25mg po qd+weekly IVIG	NO RESPONSE(≤ 10000)	BMA ;Increased megakaryocytes
22.09.2024	Weekly Romiplostim	NO RESPONSE(≤ 10000)	
21.10.2024	Weekly Ritoximub 4wks	NO RESPONSE(≤ 10000)	
23.11.2024	Azeram 1mg/kg 3months	NO RESPONSE(≤ 10000)	

Follow Up

DATE	TREATMENT	RESPONSE	ASSESSMENT
22.2.2025	TOTAL SPLENECTOMY	AS FIGURE	NO ACCESSORY SPLEEN



Follow Up

DATE	TREATMENT	RESPONSE	ASSESSMENT
15.11.2025	Eltrombopag + prednisolone + 1 dose IVIG	NO RESPONSE(≤ 10000)	
15.12.2025	Romiplostim + Tacrolimus	NO RESPONSE(≤ 10000) At last visit 29.12.2025	