

Initial Data:

An 85-year-old male, LL, arrives in the emergency department (ED) of your hospital immediately following an office visit to his physician. His chief complaint is increasing tiredness and some shortness of breath upon exertion. His hemoglobin level determined in the office is 4.5 g/dL. In the ED, the patient is alert and responsive. After confirming the low hemoglobin value, the ED physician orders direct and indirect antiglobulin tests (DAT and IAT, respectively) and crossmatch of 2 units of Red Blood Cells Leukocytes Reduced (LR-RBCs) for transfusion. LL reports an unremarkable clinical history and no history of blood transfusion or transplantation. The negative transfusion/transplant history was confirmed by his family members.

ABO and Rh Typing:

Forward (Cell) Typing			Reverse (Serum) Typing	
Anti-A	Anti-B	Anti-D	A1 Cells	B Cells
0	0	4+	3+	4+