

AIHA CASE #5 Case Study by Jim Perkins MD (©, 2009)

History: The patient was an 83 year old man with chronic anemia due to myelodysplasia (refractory anemia with excess blasts), aortic stenosis, atrial fibrillation and a history of congestive failure. He had been transfused biweekly at another facility but was moving here after a traffic accident.

ABO and Rh Typing

<A	<B	A1 cells	B cells	6% alb	<D	<D/AHG	CCC	Interp
4+	0	0	4+		4+			A pos

Antibody Screen

	Gel				Poly	IgG	<C3	
OI	w+				AHG	2+	1+	0
OII	1+				CCC			2+

Direct Antiglobulin Test

LISS Antibody Screen

	I.S.	37°	AHG	CCC
OI	0	0	0	2+
OII	0	0	0	2+

Plasma panel #1

8RA182		Rh system						Kell						Duffy		Kidd		Xg	Lewis			MNSs				P	Lutheran		Other	Plasma			
Cell	Rh	D	C	E	c	e	V	K	k	Kp ^a	Kp ^b	Js ^a	Js ^b	Fy ^a	Fy ^b	JK ^a	JK ^b	Xg ^a	Le ^a	Le ^b	S	s	M	N	PI	Lu ^a	Lu ^b	Typings	Cell	Gel			
1	R1wR1	+	+	0	0	+	0	0	+	0	+	0	+	+	+	0	+	+	0	0	+	+	0	+s	0	+	C ^w	1	vw+				
2	R1R1	+	+	0	0	+	0	0	+	0	+	0	+	0	+	+	+	+	0	0	+	0	+	0	0	0	+		2	vw+			
3	R2R2	+	0	+	+	0	0	0	+	0	+	0	+	+	+	+	0	0	0	0	+	0	+	+	+	0	+		3	vw+			
4	Ror	+	0	0	+	+	+	0	+	0	+	0	+	0	0	+	+	+	0	0	0	+	0	+	+	0	+		4	vw+			
5	r'r	0	+	0	+	+	0	0	+	0	+	0	+	0	+	0	+	+	+	0	+	+	+	+	+	0	+		5	w+			
6	r'r	0	0	+	+	+	0	0	+	0	+	0	+	0	+	+	0	+	+	0	0	+	+	+	+	0	+		6	vw+			
7	rr	0	0	0	+	+	0	+	+	0	+	0	+	0	+	+	0	+	0	+	+	+	+	0	0	0	+		7	0			
8	rr	0	0	0	+	+	0	0	+	0	+	0	+	0	0	+	+	+	0	+	0	+	0	+	+	0	+		8	0			
9	rr	0	0	0	+	+	0	0	+	0	+	0	+	0	+	0	+	0	+	0	0	+	+	+	+	0	+		9	0			
10	rr	0	0	0	+	+	0	0	+	0	+	0	+	0	+	+	0	0	0	+	+	0	0	+	+s	0	+		10	0			
11	R1R1	+	+	0	0	+	0	+	+	0	+	0	+	0	+	0	+	0	0	+	0	+	+	+	+	0	+		11	vw+			
Patient																												AC					

