

Supplemental File

Table S1. Summary of case reports of DHTR. Presence or absence of detectable antibodies and indication for transfusion for each case is listed. Abbreviations: DHTR, Delayed Hemolytic Transfusion Reaction; Ab, antibody; NA, not available; NC, not characterized; VOC, vaso occlusive crisis; ACS, acute chest syndrome.

Publication (year, author, reference)	Cases	Pre-DHTR Abs	Additional Abs in history	Post DHTR additional Abs	Indication for transfusion	Outcome
1984, Brumbeld, ⁸⁹	1	none	none	E, K, Fya, Jkb, Cw, IH	pregnancy	
1985, Milner, ⁷⁵	1	none	none	none	stomach surgery	Died
	2	K, M	none	NA	cholecystectomy	Died
	3	NA	NA	C, E, S, Le ^a , Le ^b	cholecystectomy	
	4	none	Jk ^b	Jk ^b	gynaecologic surgery	
	5	C,E, Fy ^a	NA	S	ACS	
	6	M, C, E	Le ^a , Le ^b	Fy ^a , S, Jk ^b	VOC	
	7	no	no	auto antibodies	anemia	
	8	no	E, C, K, Jk ^a	C, E, Jk ^a		
	9	NA	E, C, Fy ^a , K, V, Jk ^a	yes, NC	pneumonia, anemia	
	10	none	none	E	cholecystectomy	
1985, Squires, ³³	1	none	none	Co ^b	pregnancy	
1988, Cox, ¹⁰	1	none	NA	Hr ^B , Fy ^a , E	cholecystectomy	
	2	none	none	C, E	ACS	
	3	none	none	RH46	fever, anemia	
1988, Bowen, ⁹⁰	1	S	none	E, Fy ^a , Fy5	abortion	
1989, Rao, ¹¹⁴	1	yes, NC	none	none	cholecystectomy	
	2	E	none	C, M, Fy ^a	ACS	
	3	E	none	Jk ^a	anemia (parvovirus)	
1993, Thornton, ⁹¹	1	NA	NA	C, E, Fy ^a , Fy ^b	dental surgery	
1996, Syed, ⁹²	1	Fy ^a	none	Jk ^b , M, s	atrial septal defect	
	2	C, K, Fy ^a , S	E, Jk ^b	Fy3, Fy ^b	ACS, pregnancy	
	3	none	none	C, E	malleolar ulcer	
	4	E, Fy ^b , S, V, auto	none	Yes, NC	priapism	
1996, Larson, ⁹⁵	1	E, K, Fy ^a , Le ^a , Bg	none	Go ^a	cerebral vasculopathy	
1997, Petz, ¹¹⁵	1	K, Fy ^a	NA	C, Jk ^b , Js ^a , M	painful crisis, infection	
	2	E, C, K, S	NA	Fy ^a , Jk ^b	painful crisis	
	3	E, C ^w , S, Fy ^a , Fy ^b	auto-C	none	painful crisis	
	4	none	NA	Lea, E, M, S	abdominal pain,	
	5	none	NA	C, E, Jk ^b , Fy ^a , Fy ^b	pneumonia bone pain	
1997, King, ⁹⁷	1	Fy ^a	none	E, S	orthopaedic surgery	
	2	none	none	E, Jk ^a	painful crisis	
	3	none	none	none	orthopaedic surgery	

	4	C, M	none	Fy ^a	cholecystectomy	
	5	C, M, S, Fy ^a , Jk ^b , K	none	none	orthopaedic surgery	
1997, Anderson ³²	1	E, M, Fy ^a , Jk ^b	None	Js ^a	parathyroidectomy	
1999, Kalyanaraman, ⁷⁷	1	E	none	s	VOC	
1999, Fabron ⁷⁶	1	NA	NA	c	cholecystectomy	
2001, Win, ⁷⁴	1	none	none	none	ACS , delivery	
	2	auto-antibodies	none	panagglutination	asthenia, anemia	
2002, Noizat-Pirenne, ⁹⁴	1	C, Fy ^a , S	none	Hr ^S	pregnancy	died
	1	none	none	Hr ^S	VOC	died
2002 Aygun ⁶⁴	1	C, E, Fy ^b , Jk ^b	none (or in H)	autoantibody	NA	
	2	C, E, Fy ^a , Jk ^b , K, s, V, Js ^b	none (or in H)	none	NA	died
	3	none	none	E, cold auto-i	NA	
	4	none	none	E, Jk ^b , S, C	NA	
	5	none	none	K, E , autoantibody	NA	
2003, Talano, ¹¹⁶	1	none	NA	Warm autoantibodies	NA	
	2	C, S, Jk ^b	NA	Fy ^b	NA	
	3	none	NA	E, Lea	NA	
	4	none	NA	E	NA	
	5-7	none	NA	none	NA	
2005, McGlennan ⁹³	1	none	NA	S, Jk ^b	hip replacment	
2007, Proudfit, ⁷³	1	E, Fy ^a , C, c, Jk ^a , Jk ^b	NA	I	caesarean delivery	
2007, Noizat-Pirenne ⁵	1	none	C, Fya, Ytb, S, RH23	auto-antibodies	hip replacement	
2008, Win, ⁷⁴	1	none	none	none	painful crisis	
2008, Elenga ¹¹⁷	1	none	S	none	cholecystectomy	
	2	none	none	none (weak IgG DAT)	cholecystectomy	
2009, Bachmeyer, ¹⁰¹	1	M	none	Le ^b	VOC	
2009, Islam, ¹¹⁸	1	E, M, Fy ^a , Fy3, Jk ^b	NA	none	pain	
2009, Chadebech ⁸⁰	1-2	none	none	none	VOC/ACS	
	3	none	none	none (weak IgG DAT)	VOC	
2010, de Montalembert, ¹⁰⁰	1-4	none	none	none	trip prevention, 2 VOC, fever	
	5	C, M	none	none	surgery	
	6	M	none	weak reactivity	abnormal TCD	
	7	weak reactivity	weak reactivity	D (of partial), S	surgery	
	8	Le ^b , weak reactivity	none	D, C, e, Fy3, Kp ^a	surgery	

Additional references in supplemental Table

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