

KIDNEY ADVISORY GROUP

MINIMUM RESOLUTION FOR REPORTING DONOR AND RECIPIENT HLA TYPES

A minimum resolution for reporting donor and patient HLA types was introduced to coincide with the implementation of the 2006 National Kidney Allocation Scheme (**DAT2885 Table 1**).

Compliance with the minimum requirements is most important for deceased donors because of the impact on allocation. The donor HLA type is used to perform a virtual crossmatch for sensitised patients and incomplete information could lead to inappropriate allocation. Compliance with the minimum resolution is also important for living donors listed in the paired/pooled donation scheme.

Compliance with the repertoire is monitored and if a non-compliant type is received, the laboratory is contacted by the ODT Scientific Support staff. Compliance data have been routinely reported as an annual report to the KAG and communicated to Directors of H&I laboratories and Transplant Units.

High levels of compliance are achieved. Overall compliance for the period January 2018- December 2018 was 99% for deceased donor HLA types, 100% for living donor HLA types and 99% for recipient HLA types (**Table 2**).

Action

Compliance with the reporting requirements for HLA types will continue to be monitored and laboratories contacted if non-compliant types are received. An annual report will be presented to the Advisory Groups and communicated to the Directors of H & I laboratories and Transplant Units.

Prof Susan Fuggle
Scientific Advisor

Table 2

**Compliance with Minimum HLA Typing Resolution
1st January 2018- 31st December 2018**

Laboratory	Recipients		Living Donors		Deceased Donors	
	n=	%	n=	%	n=	%
Belfast	111	100%	76	100%	57	100%
Bristol	118	100%	43	100%	99	100%
Birmingham	228	100%	92	100%	198	100%
Cambridge	199	100%	44	100%	164	100%
Cardiff	109	100%	35	100%	91	100%
Edinburgh	170	100%	69	100%	94	100%
Glasgow	149	100%	60	100%	65	100%
Guys	344	100%	104	100%	110	100%
Hammersmith	189	100%	69	100%	86	100%
Leeds	202	100%	84	100%	130	100%
Leicester	117	100%	28	100%	47	100%
Liverpool	104	*76%	48	100%	117	100%
Manchester	296	100%	87	100%	151	100%
Newcastle	157	100%	80	100%	133	100%
Oxford	220	100%	72	100%	82	100%
Plymouth	73	100%	31	100%	58	**98%
Royal Free	127	100%	50	100%	58	100%
Royal London	178	100%	52	100%	113	100%
Sheffield	171	100%	42	100%	128	100%
Tooting	161	100%	72	100%	227	100%
Total	3423	99%	1238	100%	2208	99%

* HLA-Cw/DR51/52/53/DQ not reported

** HLA-DR51/52/53 not reported