

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 important for deceased donors and living donors listed in the UK Living Kidney Sharing Scheme 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 repertoire is monitored and non-compliance investigated. Summary data are 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 2017- December 2017 was 100% for deceased donor HLA types, 100% for living donor HLA types and 98% for recipient HLA types (**Table 2**).

Action

Compliance with the reporting requirements for HLA types will continue to be monitored and non-compliant types investigated. Summary data will be reported annually to the Advisory Group and communicated to the Directors of H & I laboratories and Transplant Units.

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Scientific Advisor

Table 2

**Compliance with Minimum HLA Typing Resolution
1st January 2017- 31st December 2017**

Laboratory	Recipients		Living Donors		Deceased Donors	
	n=	%	n=	%	n=	%
Belfast	119	100%	101	100%	56	100%
Bristol	106	100%	27	100%	76	100%
Birmingham	229	100%	103	100%	154	100%
Cambridge	197	100%	41	100%	150	100%
Cardiff	107	100%	33	100%	84	100%
Edinburgh	163	100%	52	100%	85	100%
Glasgow	161	100%	54	100%	59	100%
Guys	367	100%	137	100%	131	100%
Hammersmith	211	100%	41	100%	100	100%
Leeds	213	100%	40	100%	120	100%
Leicester	109	100%	24	100%	37	100%
Liverpool	125	*31%	57	100%	116	100%
Manchester	303	100%	87	100%	173	100%
Newcastle	160	100%	75	100%	116	100%
Oxford	233	100%	61	100%	84	100%
Plymouth	56	100%	31	100%	59	100%
Royal Free	146	100%	34	100%	48	100%
Royal London	140	100%	35	100%	77	100%
Sheffield	147	100%	30	100%	96	100%
Tooting	179	100%	64	100%	229	100%
Total	3471	98%	1127	100%	2050	100%

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