

NHS BLOOD AND TRANSPLANT

BOWEL ADVISORY GROUP

PERFORMANCE REPORT ON THE NATIONAL BOWEL ALLOCATION SCHEME: JANUARY 2016 – DECEMBER 2016

INTRODUCTION

- 1 The National Bowel Allocation Scheme (NBAS) was introduced in 2013 with the agreement that it would be monitored regularly and reviewed if there were signs of inappropriate or unfair offering. Full details of the scheme are online here:
http://www.odt.nhs.uk/pdf/intestinal_allocation_policy.pdf
- 2 This is a brief report showing the recent performance of the NBAS. Whereas in the past this report has included detailed donor and offering data, this version has been restricted to just details of patients who were on the transplant list at any time during the last year and some comparisons of registration outcomes before and after the introduction of the NBAS.

DATA ANALYSIS

- 3 During 2016, there were a total of 27 patients on the active intestinal transplant list at any time; 17 were adult and 10 were paediatric. Details are shown in **Table 1 (removed as patient specific)**. Sixteen patients had been transplanted by January 2017. The 6 patients who remained on the list at the end of the year were mostly blood group O, 2 are sensitised and 1 has in-hospital urgency points.
- 4 Since the NBAS was implemented we have observed an increase in the proportion of patients transplanted and a decrease in the number of deaths within 1 year of listing (**Figure 1**) for both adult and paediatric patients. We have also seen a reduction in median waiting time for both liver requiring patients and non-liver requiring patients (**Table 2**). Recent increases in consent and offering of donor bowels, as evidenced by the regular Autumn BAG paper on Potential Bowel Donors, has contributed to this.

ACTION

- 5 This report is presented for members' information. Members are asked to review it and comment.

Rachel Hogg
Statistics and Clinical Studies

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Figure 1 Comparison of 1 year registration outcomes for elective intestinal transplant registrations before and after the NBAS was implemented

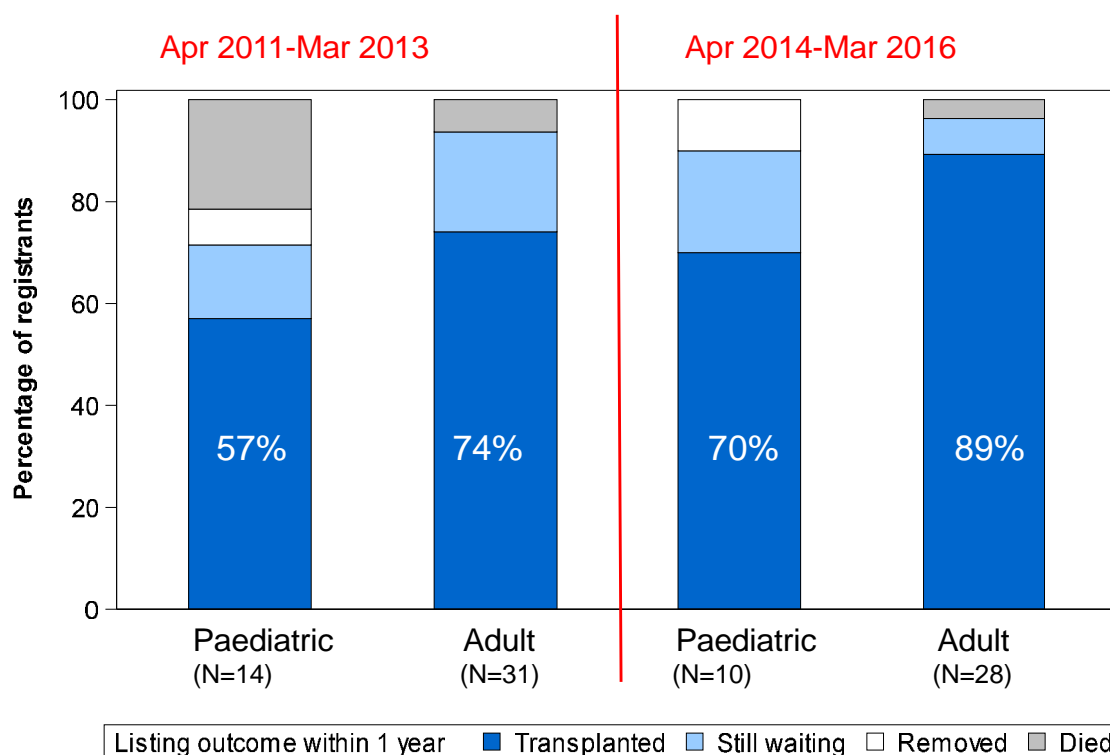


Table 2 Median waiting time to elective intestine transplant in the UK, for patients registered 1 April 2011 - 31 March 2013 and 1 April 2014 – 31 March 2016				
Registration era	Registration type	Number of patients registered	Waiting time (days)	
			Median	95% Confidence interval
Apr 2011-Mar 2013	Liver required	23	274	126 - 422
	No liver required	22	154	18 - 290
	Total in era	45	171	96 - 246
Apr 2014-Mar 2016	Liver required	22	146	41 - 251
	No liver required	16	65	14 - 116
	Total in era	38	79	22 - 136

Note: any periods of suspension from the list are included in the calculation of median waiting times