	I		
Pre-	Age ≤ 18 years		
emptive	CD19+ precursor B cell ALL		
Arm	Undergoing allogeneic SCT from EBV seropositive and closely HLA matched		
	(8/8 HLA A, B, C and DR at medium resolution typing); or a single		
	antigenic/allelic (7/8) mismatch) donor at a participating centre		
	Karnofsky score of >60% if ≥10 years old or Lansky score of greater than 60 if		
	< 10 years old		
	Life expectancy of at least 12 weeks		
	In 1 st	t(9;22) and MRD positive after HR3 block of EsPhALL (BCR-	
	remission	ABL/ABL ratio > 0.01%) or pre-HSCT	
	(at least one	Infant ALL age < 6 months at diagnosis with MLL gene	
	must apply)	rearrangement and either presenting wcc >300 x 109/L or	
		poor steroid early response (i.e. circulating blast count	
		>1x109/L following 7 day steroid pre-phase of Interfant 06)	
		Resistant disease (> 30% blasts at end of induction treatment	
		day 28-33) in subsequent morphological CR	
		High level bone marrow MRD (> 1 in 1000) at week 12 ALL-	
		BFM 2000/AIEOP BFM ALL 2009/EORTC 58951 protocols,	
		week 12-15 of FRALLE A or at week 14 of UKALL2011	
	After relapse	Very early (< 18 months from diagnosis) bone marrow or	
	(at least must	extramedullary relapse in second CR	
	apply)	Early (within 6 months of finishing therapy) isolated bone	
		marrow relapse with bone marrow MRD > 1 in 100 at day 35	
		of re-induction in second CR	
		Early (within 6 months of finishing therapy) bone marrow or	
		combined relapse with high level bone marrow MRD (> 1 in	
		1000) at the end of consolidation therapy (week 12-13 UKALL	
		R3/INTREALL and COOPRALL protocols, prior to protocol M	
		in BFM relapse protocol (ALL-REZ BFM 2002) and after	
		Protocol II-IDA in AIEOP LLA Rec 2003)	
		Any relapse of infant or Philadelphia-positive ALL in	
		morphological complete remission.	
		Any patient being transplanted in ≥ 3rd CR	

Prophylactic	Age ≤ 18 years		
Arm	CD19+ precursor B cell ALL		
AIIII	Isolated (or combined site) bone marrow relapse post allogeneic SC		
	achieving morphological remission after re-induction Is a candidate for second allogeneic SCT at a participating centre		
	Has an EBV seropositive and closely HLA matched (8/8 HLA A, B, C and		
	DR at medium resolution typing); or a single antigenic/allelic (7/8)		
	mismatch) donor		
	Karnofsky score of >60% if ≥10 years old or Lansky score of greater than		
	60 if < 10 years old		
	Life expectancy of at least 12 weeks		
	In 1 st remission	t(9;22) and MRD positive after HR3 block of EsPhALL	
	(at least one of	(BCR-ABL/ABL ratio > 0.01%) or pre-HSCT	
	these criteria	Infant ALL age < 6 months at diagnosis with MLL gene	
	must apply)	rearrangement and either presenting wcc >300 x 109/L	
		or poor steroid early response (i.e. circulating blast	
		count >1x109/L following 7 day steroid pre-phase of	
		Interfant 06) Resistant disease (> 30% blasts at end of induction	
		treatment day 28-33) in subsequent morphological CR	
		High level bone marrow MRD (> 1 in 1000) at week 12	
		ALL-BFM 2000/AIEOP BFM ALL 2009/EORTC 58951	
		protocols, week 12-15 of FRALLE A or at week 14 of	
		UKALL2011	
	After relapse	Very early (< 18 months from diagnosis) bone marrow	
	(at least one of	or extramedullary relapse in second CR	
	these criteria	Early (within 6 months of finishing therapy) isolated	
	must apply)	bone marrow relapse with bone marrow MRD > 1 in	
		100 at day 35 of re-induction in second CR	
		Early (within 6 months of finishing therapy) bone	
		marrow or combined relapse with high level bone	
		marrow MRD (> 1 in 1000) at the end of consolidation	
		therapy (week 12-13 UKALL R3/INTREALL and	
		COOPRALL protocols, prior to protocol M in BFM	
		relapse protocol (ALL-REZ BFM 2002) and after Protocol	
		II-IDA in AIEOP LLA Rec 2003)	
		Any relapse of infant or Philadelphia-positive ALL in	
		morphological complete remission.	
		Any patient being transplanted in ≥ 3rd CR	
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