	BMT		BMT		PBHSCT			Risk Ratio	Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI	M-H, Random, 95% CI		
Chunfu Li 2012	27	30	48	52	29.8%	0.97 [0.85, 1.12]			
J.Gaziev 2008	9	9	7	7	11.6%	1.00 [0.80, 1.26]			
IB Resnick 2007	8	8	12	12	16.4%	1.00 [0.83, 1.21]			
Ardeshir Ghavamzadeh 2008	85	96	72	87	42.2%	1.07 [0.95, 1.21]	 		
Total (95% CI)		143		158	100.0%	1.02 [0.94, 1.10]	•		
Total events	129		139						
Heterogeneity: Tau2 = 0.00; Chi	$i^2 = 1.16$, c	ff = 3 (F	0 = 0.76;	$ ^2 = 0\%$	6	<u> </u>	5 07 4 45		
Test for overall effect: Z = 0.53	(P = 0.60)					U	.5 0.7 1 1.5 2 Favours [BMT] Favours [PBHSCT]		

Fig 1. Forest plot of comparison: 1. Overall Survival (OS), outcome: 1.1 Overall Survival (OS).

	MRD-BMT Other BMT		Other BMT Risk Ratio		Risk Ratio	Risk Ratio	
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI	M-H, Random, 95% CI
J. Gaziev 2013	15	16	54	66	78.1%	1.15 [0.97, 1.36]	-
Suradej Hongeng 2006	23	28	15	21	21.9%	1.15 [0.83, 1.59]	
Total (95% CI)		44		87	100.0%	1.15 [0.99, 1.33]	-
Total events	38		69				
Heterogeneity: Tau ² = 0.0	00; Chi ² =	0.00, d	f = 1 (P =	0.98); [$^{2} = 0\%$	<u> </u>	5 0.7 1 1.5 2
Test for overall effect: Z =	1.79 (P =	0.07)				0.	Favours [MRD-BMT] Favours [Other BMT]

Fig 2. Forest plot of comparison: 1. Overall Survival (OS), outcome: 1.2 Overall Survival (OS).

	BMT	Г	PBHS	PBHSCT		Risk Ratio	Risk Ra	tio
Study or Subgroup	Events Total		Events Tota		Weight	M-H, Random, 95% CI	M-H, Randon	, 95% CI
Chunfu Li 2012	25	30	47	52	39.1%	0.92 [0.77, 1.11]	-	-
Ardeshir Ghavamzadeh 2008	73	96	66	87	44.3%	1.00 [0.85, 1.18]	-	_
IB Resnick 2007	7	8	9	12	11.3%	1.17 [0.77, 1.77]	-	
J.Gaziev 2008	9	9	4	7	5.4%	1.69 [0.90, 3.16]	· -	
Total (95% CI)		143		158	100.0%	1.01 [0.87, 1.18]	•	-
Total events	114		126					
Heterogeneity: Tau2 = 0.01; Ch	$i^2 = 4.07, c$	f = 3 (F	0 = 0.25;	$ ^2 = 26$	%	t t		- 1
Test for overall effect: Z = 0.19							.5 0.7 1 Favours [BMT] Fa	1.5 2 avours [PBHSCT]

<u>Fig 3. Forest plot of comparison: 2.Disease Free Survival (DFS), outcome: 2.1Disease Free Survival (DFS).</u>

	MRD-B	IRD-BMT Other BMT		Other BMT Risk Ratio		Risk Ratio	Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI	M-H, Random, 95% CI
J. Gaziev 2013	15	16	61	66	72.1%	1.01 [0.88, 1.17]	-
Suradej Hongeng 2006	26	28	17	21	27.9%	1.15 [0.91, 1.45]	-
Total (95% CI)		44		87	100.0%	1.05 [0.93, 1.19]	-
Total events	41		78				
Heterogeneity: Tau ² = 0.0	00; Chi² =	0.91, d	f = 1 (P =	0.34); 1	$^{2} = 0\%$	0.5	0.7 1 1.5 2
Test for overall effect: Z	0.78 (P =	0.44)				0.5	0.7 1 1.5 2 Favours [MRD-BMT] Favours [Other BMT]

<u>Fig 4. Forest plot of comparison: 2.Disease Free Survival (DFS), outcome: 2.1Disease Free Survival (DFS).</u>

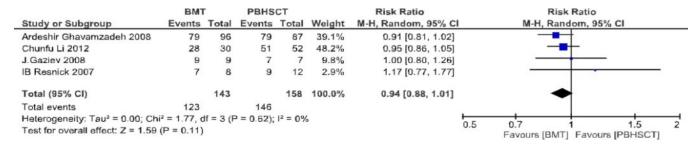


Fig 5. Forest plot of comparison: 3. Engraftment, outcome: 3.1 Engraftment.

	MRD-B	BMT	Other BMT			Risk Ratio	Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI	M-H, Random, 95% CI
Suradej Hongeng 2006	24	28	18	21	22.1%	1.00 [0.79, 1.26]	
J. Gaziev 2013	16	16	58	66	77.9%	1.11 [0.98, 1.26]	 -
Total (95% CI)		44		87	100.0%	1.09 [0.97, 1.21]	•
Total events	40		76				
Heterogeneity: Tau ² = 0.0	00; Chi² =	0.82, d	f = 1 (P =	0.5	0.7 1 1.5 2		
Test for overall effect: Z =	= 1.49 (P =	0.14)		0.5	Favours [MRD-BMT] Favours [Other BMT]		

Fig 6. Forest plot of comparison: 3. Engraftment, outcome: 3.1 Engraftment

	BMT	Г	PBHS	CT		Risk Ratio		Risk	Ratio	
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% Cl	F	M-H, Rand	dom, 95% CI	
J.Gaziev 2008	1	9	4	7	1.1%	0.19 [0.03, 1.38]			_	
Chunfu Li 2012	1	30	5	52	1.0%	0.35 [0.04, 2.83]	\leftarrow		 	\rightarrow
IB Resnick 2007	1	8	4	12	1.1%	0.38 [0.05, 2.77]	←		 	\rightarrow
Ardeshir Ghavamzadeh 2008	53	96	63	87	87.6%	0.76 [0.61, 0.95]			1	
Yesilipek MA 2012	11	88	20	137	9.2%	0.86 [0.43, 1.70]	\leftarrow	•	1	
Total (95% CI)		231		295	100.0%	0.75 [0.61, 0.92]				
Total events	67		96							
Heterogeneity: Tau2 = 0.00; Chi	$i^2 = 3.09, c$	ff = 4 (F	0.54;	$1^2 = 0\%$,				! 	
Test for overall effect: Z = 2.75	0.5	0.7 Favours [BMT]	1 1.5 Favours [PBHSCT]	2						

Fig 7. Forest plot of comparison: 4.Acute GVHD, outcome: 4.1Acute GVHD.

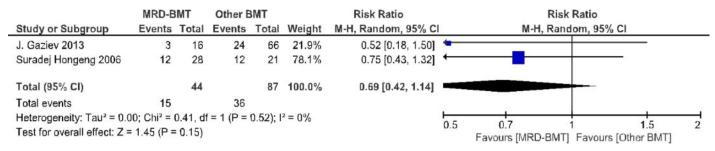


Fig 8. Forest plot of comparison: 3.Acute GVHD, outcome: 4.1Acute GVHD.

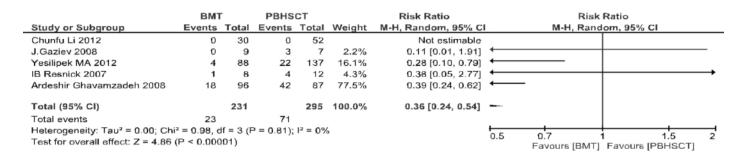


Fig 9. Forest plot of comparison: 3. Chronic GVHD, outcome: 5.1 Chronic GVHD.

	MRD-B	MT	Other E	BMT		Risk Ratio Risk Ratio				
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI	M-H, Ran	dom, 95% CI		
Suradej Hongeng 2006	6	28	4	21	62.9%	1.13 [0.36, 3.49]			\rightarrow	
J. Gaziev 2013	2	16	7	66	37.1%	1.18 [0.27, 5.14]		-	\rightarrow	
Total (95% CI)		44		87	100.0%	1.14 [0.47, 2.81]			_	
Total events	8		11							
Heterogeneity: Tau ² = 0.0	00; Chi ² = 6	0.00, d	f = 1 (P =	0.96); 1	2 = 0%	0.5	0.7	1 15		
Test for overall effect: Z =	= 0.29 (P =	0.77)				0.5		Favours [Other BMT]	2	

Fig 10. Forest plot of comparison: 5.Chronic GVHD, outcome: 5.1Chronic GVHD.

	BMT	Г	PBHS	CT		Risk Ratio		Risk	Ratio	
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% Cl	I	M-H, Rand	lom, 95% CI	
IB Resnick 2007	0	8	0	12		Not estimable		7/1		
J.Gaziev 2008	0	9	3	7	8.8%	0.11 [0.01, 1.91]	←	4.		_
Ardeshir Ghavamzadeh 2008	8	96	12	87	61.9%	0.60 [0.26, 1.41]	←			
Chunfu Li 2012	3	30	4	52	29.3%	1.30 [0.31, 5.42]	\leftarrow			\rightarrow
Total (95% CI)		143		158	100.0%	0.65 [0.28, 1.54]				
Total events	11		19							
Heterogeneity: Tau2 = 0.12; Ch	$i^2 = 2.44$, c	ff = 2 (F	0 = 0.30;	$I^2 = 18$	%				1'5	ᅼ
Test for overall effect: Z = 0.97	0.5	0.7 Favours [BMT]	1 1.5 Favours [PBHSCT]	2						

Fig 11. Forest plot of comparison: 3.Transplant Related Mortality, outcome: 5.1Transplant Related Mortality.

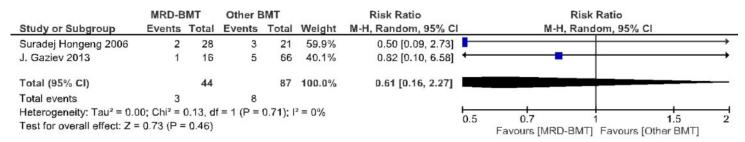


Fig 12. Forest plot of comparison: 3.Transplant Related Mortality, outcome: 5.1Transplant Related Mortality.