

Data Summaries by Chapter

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Chapter 6: Incorrect Blood Component Transfused (IBCT) – Wrong Component Transfused (WCT)

DATA SUMMARY – IBCT-WCT			
Total number of cases: n=82			
Implicated components		Mortality/morbidity	
Red cells	59	Deaths <i>definitely</i> due to transfusion	0
Fresh frozen plasma	6	Deaths <i>probably/likely</i> due to transfusion	1
Platelets	8	Deaths <i>possibly</i> due to transfusion	0
Cryoprecipitate	2	Major morbidity	4
Granulocytes	0	Potential for major morbidity (<i>Anti-D or K only</i>)	2
Anti-D Ig	0		
Multiple components	7		
Unknown	0		
Gender		Emergency vs. routine and core hours vs. out of core hours	
Male	46	Emergency	16
Female	31	Urgent	17
Not known	5	Routine	42
		Not known	7
		In core hours	38
		Out of core hours	17
		Not known/not applicable	27
Where transfusion took place			
		Emergency department	3
		Theatre	9
		ITU/NNU/HDU/recovery	14
		Wards	40
		Delivery ward	2
		Postnatal	2
		Medical assessment unit	2
		Community	0
		Outpatient/day unit	4
		Hospice	0
		Antenatal clinic	0
		Obstetrics	0
		Other/unknown	6

(ITU=Intensive therapy unit; NNU=Neonatal unit; HDU=High dependency unit)

Chapter 6: Incorrect Blood Component Transfused (IBCT) – Specific Requirements Not Met (SRNM)

(ITU=Intensive therapy unit; NNU=Neonatal unit; HDU=High dependency unit)

Chapter 7: Avoidable, Delayed or Undertransfusion (ADU)

(ITU=Intensive therapy unit; NNU=Neonatal unit; HDU=High dependency unit)

Chapter 8: Near Miss Reporting (NM)

		DATA SUMMARY	
		Total number of cases: n=1243	
Implicated components		Mortality/morbidity	
Not specified	1243	Deaths <i>definitely</i> due to transfusion	0
		Deaths <i>probably/likely</i> due to transfusion	0
		Deaths <i>possibly</i> due to transfusion	0
		Major morbidity	0
		Potential for major morbidity (<i>Anti-D or K only</i>)	0
Gender		Emergency vs. routine and core hours vs. out of core hours	
Male	483	≥ 18 years	1055
Female	718	16 years to <18 years	4
Not known	42	1 year to <16 years	23
		>28 days to <1 year	20
		Birth to ≤28 days	50
		Not known	91
		Emergency	0
		Urgent	0
		Routine	0
		Not known	1243
		In core hours	638
		Out of core hours	224
		Not known/not applicable	381
		Emergency department	119
		Theatre	24
		ITU/NNU/HDU/recovery	43
		Wards	449
		Delivery ward	5
		Postnatal	0
		Medical assessment unit	22
		Community	24
		Outpatient/day unit	71
		Hospice	1
		Antenatal clinic	64
		Hospital transfusion laboratory	283
		Obstetrics	127
		Other/unknown	11

(ITU=Intensive therapy unit; NNU=Neonatal unit; HDU=High dependency unit)

Chapter 9 & 21: Anti-D Ig Incidents

DATA SUMMARY Total number of cases: n=350

Implicated components		Mortality/morbidity	
Red cells	0	Deaths <i>definitely</i> due to transfusion	0
Fresh frozen plasma	0	Deaths <i>probably/likely</i> due to transfusion	1
Platelets	0	Deaths <i>possibly</i> due to transfusion	0
Cryoprecipitate	0	Major morbidity	3
Granulocytes	0	Potential for major morbidity (<i>Anti-D or K only</i>)	268
Anti-D Ig	350		
Multiple components	0		
Unknown	0		
Gender		Emergency vs. routine and core hours vs. out of core hours	
Male	0	Emergency	0
Female	350	Urgent	0
Not known	0	Routine	0
		Not known	350
		In core hours	172
		Out of core hours	29
		Not known/not applicable	149
Age		Where transfusion took place	
Male	0	Emergency department	0
Female	350	Theatre	0
Not known	0	ITU/NNU/HDU/recovery	0
		Wards	274
		Delivery ward	0
		Postnatal	0
		Medical assessment unit	0
		Community	76
		Outpatient/day unit	0
		Hospice	0
		Antenatal clinic	0
		Other	0
		Unknown	0

(ITU=Intensive therapy unit; NNU=Neonatal unit; HDU=High dependency unit)

Chapter 11: Acute Transfusion Reaction (ATR)

ITU=Intensive therapy unit; NNU=Neonatal unit; HDU=High dependency unit

Chapter 13a & 24: Transfusion-Related Acute Lung Injury (TRALI)

DATA SUMMARY			
Total number of cases: n=10			
Implicated components (with concordant antibodies)		Mortality/morbidity	
Red cells	2	Deaths <i>definitely</i> due to transfusion	0
Fresh frozen plasma	0	Deaths <i>probably/likely</i> due to transfusion	1
Platelets	1	Deaths <i>possibly</i> due to transfusion	3
Cryoprecipitate	1	Major morbidity	4
Granulocytes	0	Potential for major morbidity (<i>Anti-D or K only</i>)	0
Anti-D Ig	0		
Multiple components	1		
No concordant antibodies identified	6		
Gender		Emergency vs. routine and core hours vs. out of core hours	Where transfusion took place
Male	8	≥ 18 years	Emergency department 0
Female	2	16 years to <18 years	Theatre 0
Not known	0	1 year to <16 years	ITU/NNU/HDU/recovery 5
		>28 days to <1 year	Wards 5
		Birth to ≤28 days	Delivery ward 0
		Not known	Postnatal 0
			Medical assessment unit 0
			Community 0
		In core hours	Outpatient/day unit 0
		Out of core hours	Hospice 0
		Not known/not applicable	Antenatal clinic 0
			Other 0
			Unknown 0

(ITU=Intensive therapy unit; NNU=Neonatal unit; HDU=High dependency unit)

Chapter 13b: Transfusion-Associated Circulatory Overload (TACO)

DATA SUMMARY

Total number of cases: n=89

Implicated components		Mortality/morbidity		
Red cells	74	Deaths <i>definitely</i> due to transfusion	0	
Fresh frozen plasma	5	Deaths <i>probably/likely</i> due to transfusion	2	
Platelets	2	Deaths <i>possibly</i> due to transfusion	5	
Cryoprecipitate	0	Major morbidity	34	
Granulocytes	0	Potential for major morbidity (<i>Anti-D or K only</i>)	0	
Anti-D Ig	0			
Multiple components	8			
Unknown				
Gender		Age	Emergency vs. routine and core hours vs. out of core hours	
Male	40	≥ 18 years	Emergency	9
Female	49	16 years to <18 years	Urgent	31
Not known	0	1 year to <16 years	Routine	42
		>28 days to <1 year	Not known	7
		Birth to ≤28 days	In core hours	37
		Not known	Out of core hours	34
			Not known/not applicable	18
			Emergency department	4
			Theatre	3
			ITU/NNU/HDU/recovery	13
			Wards	46
			Delivery ward	1
			Postnatal	0
			Medical assessment unit	13
			Community	2
			Outpatient/day unit	2
			Hospice	0
			Antenatal clinic	0
			Other	5
			Unknown	0

(ITU=Intensive therapy unit; NNU=Neonatal unit; HDU=High dependency unit)

Chapter 13c: Transfusion-Associated Dyspnoea (TAD)

DATA SUMMARY					
Total number of cases: n=3					
Implicated components			Mortality/morbidity		
Red cells	2		Deaths <i>definitely</i> due to transfusion	0	
Fresh frozen plasma	0		Deaths <i>probably/likely</i> due to transfusion	0	
Platelets	1		Deaths <i>possibly</i> due to transfusion	0	
Cryoprecipitate	0		Major morbidity	0	
Granulocytes	0		Potential for major morbidity (<i>Anti-D or K only</i>)	0	
Anti-D Ig	0				
Multiple components	0				
Unknown	0				
Gender		Age	Emergency vs. routine and core hours vs. out of core hours		Where transfusion took place
Male	1	≥ 18 years	Emergency	0	Emergency department
Female	2	16 years to <18 years	Urgent	0	Theatre
Not known	0	1 year to <16 years	Routine	3	ITU/NNU/HDU/recovery
		>28 days to <1 year	Not known	0	Wards
		Birth to ≤28 days	In core hours	2	Delivery ward
		Not known	Out of core hours	0	Postnatal
			Not known/not applicable	1	Medical assessment unit
					Community
					Outpatient/day unit
					Hospice
					Antenatal clinic
					Other
					Unknown

(ITU=Intensive therapy unit; NNU=Neonatal unit; HDU=High dependency unit)

Chapter 14: Haemolytic Transfusion Reaction (HTR)

DATA SUMMARY					
Total number of cases: n=59					
Implicated components			Mortality/morbidity		
Red cells	56		Deaths <i>definitely</i> due to transfusion		1
Fresh frozen plasma	0		Deaths <i>probably/likely</i> due to transfusion		0
Platelets	1		Deaths <i>possibly</i> due to transfusion		2
Cryoprecipitate	0		Major morbidity		17
Granulocytes	0		Potential for major morbidity (<i>Anti-D or K only</i>)		0
Anti-D Ig	0				
Multiple components	1				
Unknown	1				
Gender		Age	Emergency vs. routine and core hours vs. out of core hours		Where transfusion took place
			Emergency	6	
Male	17	≥ 18 years	52		Emergency department
Female	42	16 years to <18 years	0	16	Theatre
Not known	0	1 year to <16 years	6	33	ITU/NNU/HDU/recovery
		>28 days to <1 year	0	4	Wards
		Birth to ≤28 days	0		Delivery ward
		Not known	1	25	Postnatal
				11	Medical assessment unit
				23	Community
					Outpatient/day unit
					Hospice
					Antenatal clinic
					Other
					Unknown

(ITU=Intensive therapy unit; NNU=Neonatal unit; HDU=High dependency unit)

Chapter 15: New or Unclassified Complication of Transfusion (UCT)

(ITU=Intensive therapy unit; NNU=Neonatal unit; HDU=High dependency unit)

Chapter 19: Right Blood Right Patient (RBRP)

DATA SUMMARY				
Total number of cases: n=187				
Implicated components		Mortality/morbidity		
Red cells	150	Deaths <i>definitely</i> due to transfusion	0	
Fresh frozen plasma	9	Deaths <i>probably/likely</i> due to transfusion	0	
Platelets	15	Deaths <i>possibly</i> due to transfusion	0	
Cryoprecipitate	1	Major morbidity	0	
Granulocytes	1	Potential for major morbidity (<i>Anti-D or K only</i>)	0	
Anti-D Ig	0			
Multiple components	10			
Unknown	1			
Gender		Emergency vs. routine and core hours vs. out of core hours		Where transfusion took place
Male	98	≥ 18 years	163	Emergency department 19
Female	82	16 years to <18 years	1	Theatre 11
Not known	7	1 year to <16 years	3	ITU/NNU/HDU/recovery 27
		>28 days to <1 year	5	Wards 79
		Birth to ≤28 days	6	Delivery ward 2
		Not known	9	Postnatal 3
				Medical assessment unit 20
				Community 1
				Outpatient/day unit 8
				Hospice 2
				Antenatal clinic 0
				Other 12
				Unknown 3

(ITU=Intensive therapy unit; NNU=Neonatal unit; HDU=High dependency unit)

Chapter 20: Handling and Storage Errors (HSE)

DATA SUMMARY					
Total number of cases: n=254					
Implicated components			Mortality/morbidity		
Red cells	207		Deaths <i>definitely</i> due to transfusion	0	
Fresh frozen plasma	18		Deaths <i>probably/likely</i> due to transfusion	0	
Platelets	22		Deaths <i>possibly</i> due to transfusion	0	
Cryoprecipitate	5		Major morbidity	0	
Granulocytes	0		Potential for major morbidity (<i>Anti-D or K only</i>)	0	
Anti-D Ig	0				
Multiple components	2				
Unknown	0				
Gender		Age	Emergency vs. routine and core hours vs. out of core hours		Where transfusion took place
Male	104	≥ 18 years	215	Emergency	14
Female	129	16 years to <18 years	1	Urgent	14
Not known	21	1 year to <16 years	9	Routine	21
		>28 days to <1 year	1	Not known	102
		Birth to ≤28 days	3		Delivery ward
		Not known	25	In core hours	3
				Out of core hours	0
				Not known/not applicable	12
					Community
					Outpatient/day unit
					Hospice
					Antenatal clinic
					Other
					Unknown

(ITU=Intensive therapy unit; NNU=Neonatal unit; HDU=High dependency unit)

Chapter 25: Post-Transfusion Purpura (PTP)

DATA SUMMARY				
Total number of cases: n=2				
Implicated components		Mortality/morbidity		
Red cells	2	Deaths <i>definitely</i> due to transfusion	0	
Fresh Frozen Plasma	0	Deaths <i>probably/likely</i> due to transfusion	0	
Platelets	0	Deaths <i>possibly</i> due to transfusion	0	
Cryoprecipitate	0	Major morbidity	0	
Granulocytes	0	Potential for major morbidity (<i>Anti-D or K only</i>)	0	
Anti-D Ig	0			
Multiple components	0			
Unknown	0			
Gender		Emergency vs. routine and core hours vs. out of core hours	Where transfusion took place	
Male	1	Emergency	1	Emergency Department
Female	1	Urgent	0	Theatre
Not known	0	Routine	1	ITU/NNU/HDU/Recovery
		Not known	0	Wards
		In core hours	1	Delivery Ward
		Out of core hours	0	Postnatal
		Not known/Not applicable	1	Medical Assessment Unit
				Community
				Outpatient/day unit
				Hospice
				Antenatal Clinic
				Other
				Unknown

(ITU=Intensive therapy unit; NNU=Neonatal unit; HDU=High dependency unit)

Chapter 26: Cell Salvage (CS)

DATA SUMMARY

Total number of cases: n=20

Implicated components		Mortality/morbidity		
Red cells	20	Deaths <i>definitely</i> due to transfusion	0	
Fresh Frozen Plasma	0	Deaths <i>probably/likely</i> due to transfusion	0	
Platelets	0	Deaths <i>possibly</i> due to transfusion	0	
Cryoprecipitate	0	Major morbidity	3	
Granulocytes	0	Potential for major morbidity (<i>Anti-D or K only</i>)	0	
Anti-D Ig	0			
Multiple components	0			
Unknown	0			
Gender		Age	Emergency vs. routine and core hours vs. out of core hours	
Male	7	≥ 18 years	Emergency	0
Female	13	16 years to <18 years	Urgent	0
Not known	0	1 year to <16 years	Routine	0
		>28 days to <1 year	Not known	20
		Birth to ≤28 days	In core hours	11
		Not known	Out of core hours	7
			Not known/Not applicable	2
				Emergency Department
				Theatre
				ITU/NNU/HDU/Recovery
				Wards
				Delivery Ward
				Postnatal
				Medical Assessment Unit
				Community
				Outpatient/day unit
				Hospice
				Antenatal Clinic
				Other
				Unknown

(ITU=Intensive therapy unit; NNU=Neonatal unit; HDU=High dependency unit)

Chapter 27: Alloimmunisation (Allo)

DATA SUMMARY					
Total number of cases: n=236					
Implicated components			Mortality/morbidity		
Red cells		235	Deaths <i>definitely</i> due to transfusion		0
Fresh frozen plasma		0	Deaths <i>probably/likely</i> due to transfusion		0
Platelets		0	Deaths <i>possibly</i> due to transfusion		0
Cryoprecipitate		0	Major morbidity		0
Granulocytes		0	Potential for major morbidity (<i>Anti-D or K only</i>)		0
Anti-D Ig		0			
Multiple components		1			
Unknown		0			
Gender		Age	Emergency vs. routine and core hours vs. out of core hours		Where transfusion took place
Male	100	≥ 18 years	232	Emergency	0
Female	136	16 years to <18 years	0	Urgent	0
Not known	0	1 year to <16 years	3	Routine	0
		>28 days to <1 year	1	Not known	236
		Birth to ≤28 days	0	In core hours	0
		Not known	0	Out of core hours	0
				Not known/not applicable	236
					Emergency department
					Theatre
					ITU/NNU/HDU/recovery
					Wards
					Delivery ward
					Postnatal
					Medical assessment unit
					Community
					Outpatient/day unit
					Hospice
					Antenatal clinic
					Other
					Not applicable
					236

(ITU=Intensive therapy unit; NNU=Neonatal unit; HDU=High dependency unit)