

GBN/BVN

Groupement Belge de Néonatalogie

Belgische Vereniging voor Neonatalogie



Newborn College

Annual Report

2010

ALL NICS

<1500g or <32w



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Abbreviations

- AT Antenatal transfer
- BPD Bronchopulmonary dysplasia
- CLD Chronic lung disease
- ENM Early neonatal mortality
- GA Gestational age
- IB Inborn
- IC Intracerebral hemorrhage
- IHM In hospital mortality
- IUT Intra uterine transfer
- LNМ Late neonatal mortality
- N Number
- OB Outborn
- PC25 25th percentile or lower quartile
- PC75 75th percentile or upper quartile
- PDA Persistent ductus arteriosus
- PMA postmenstrual age

Remarks

ATTENTION ! Until 2008 (included) the database selects only patients < 1500g when comparisons or globalisations among Nic's are made. Starting in 2009 all baby's <1500g or < 32 w are included.
Only in the annual report of your own Nic you can select according gestational age even before 2009 if you had entered all your patients.

Occurrences:

Some items allow multiple entry and will be counted as occurrences. Occurrences can be patients or events, treatments etc
Percentages can be calculated according to events or to patients. Sometimes the sum of the percentages can exceed 100.

Definitions

IC hemorrhage grade >2 includes:

- Focal periventricular hemorrhagic infarction
- Intraventricular hemorrhage with dilatation
- Cerebellar hemorrhage
- Subarachnoidal hemorrhage
- Thalamoventricular hemorrhage
- Lobar cerebral hemorrhage
- Extensive periventricular hemorrhagic infarction
- Sub- or epidural hemorrhage

CLD at 36 weeks

Starting 2009 definitions have changed. In order not to lose the previous information following (imperfect) equivalence have been used:

	before 2009	after 2009
No BPD	No BPD	No BPD
Mild BPD	No O2 but Cpap	Grade I
Moderate/severe	O2 at 36w or art ventilation	Grade II/III



Participating NIC units

Year	Number of NIC units
2002	5
2003	7
2004	17
2005	18
2006	16
2007	16
2008	12
2009	14
2010	14

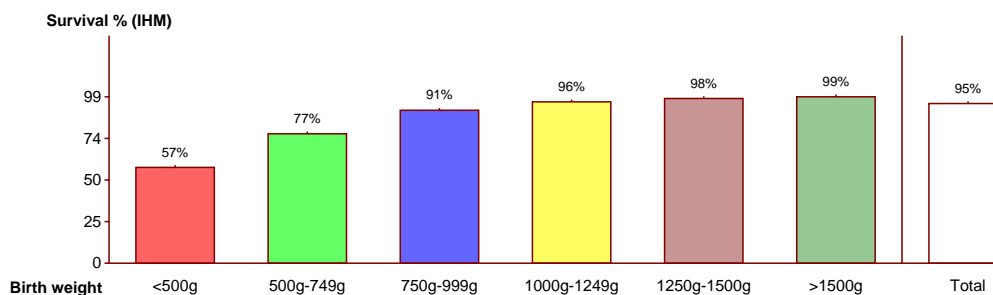


Annual Report

1. Survival and birth weight

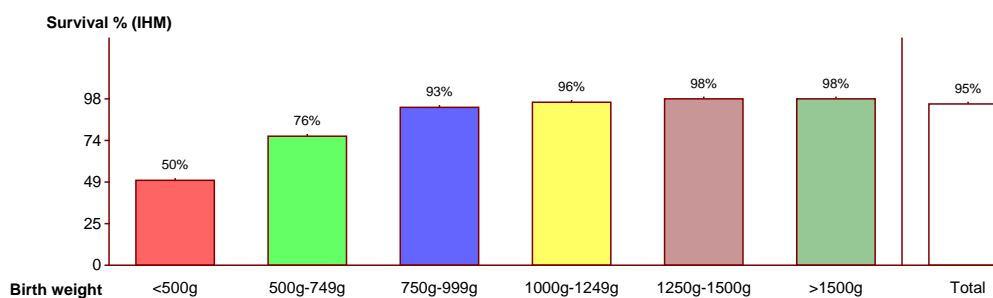
1.A. All patients

Birthweight (g)	N	ENM survival %	LNM survival %	IHM survival %	% of total
Less than 500g	7	2 71	1 86	3 57	.9 7/781
Between 500g and 749g	57	8 86	5 91	13 77	7.3 57/781
Between 750g and 999g	122	8 93	3 98	11 91	15.6 122/781
Between 1000g and 1249g	180	6 97	2 99	8 96	23.0 180/781
Between 1250g and 1500g	278	4 99	1 100	5 98	35.6 278/781
Greater than 1500g	137	0 100	2 99	2 99	17.5 137/781
Total	781	28 96	14 98	42 95	100 781/781



1.B. Inborn: local and AT/IUT

Birthweight (g)	N	ENM survival %	LNM survival %	IHM survival %	% of total
Less than 500g	6	2 67	1 83	3 50	.8 6/781
Between 500g and 749g	49	7 86	5 90	12 76	6.3 49/781
Between 750g and 999g	107	6 94	2 98	8 93	13.7 107/781
Between 1000g and 1249g	162	5 97	1 99	6 96	20.7 162/781
Between 1250g and 1500g	254	4 98	1 100	5 98	32.5 254/781
Greater than 1500g	118	0 100	2 98	2 98	15.1 118/781
Total	696	24 97	12 98	36 95	89.1 696/781



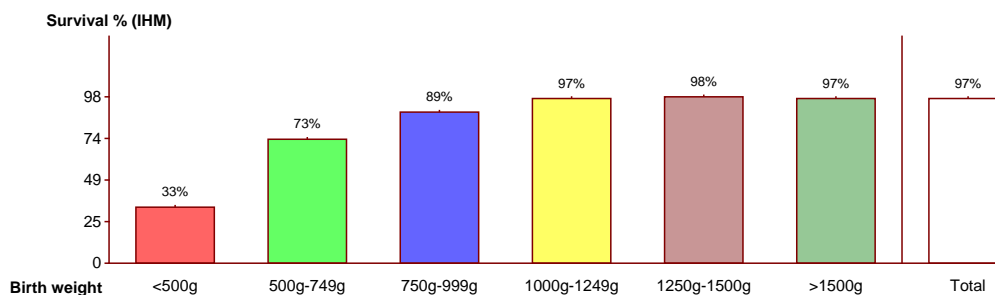


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1. Survival and birth weight

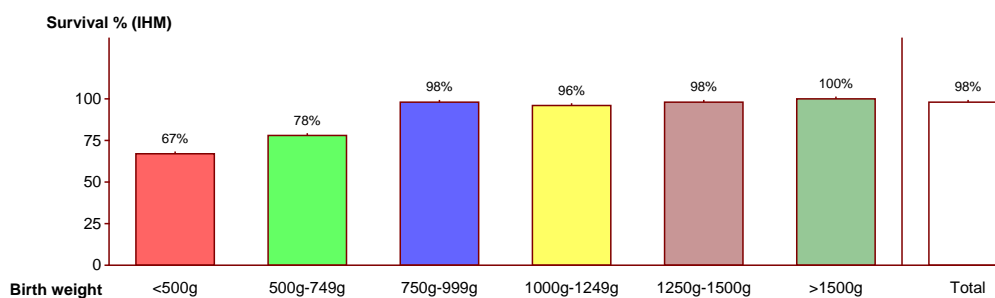
1.C. Inborn: local

Birthweight (g)	N	ENM survival %	LNM survival %	IHM survival %	% of total
Less than 500g	3	2 33	0 100	2 33	.4 3/781
Between 500g and 749g	26	4 85	3 88	7 73	3.3 26/781
Between 750g and 999g	62	6 90	1 98	7 89	7.9 62/781
Between 1000g and 1249g	71	1 99	1 99	2 97	9.1 71/781
Between 1250g and 1500g	136	2 99	1 99	3 98	17.4 136/781
Greater than 1500g	58	0 100	2 97	2 97	7.4 58/781
Total	356	15 98	8 99	23 97	45.6 356/781



1.D. Inborn: AT/IUT

Birthweight (g)	N	ENM survival %	LNM survival %	IHM survival %	% of total
Less than 500g	3	0 100	1 67	1 67	.4 3/781
Between 500g and 749g	23	3 87	2 91	5 78	2.9 23/781
Between 750g and 999g	45	0 100	1 98	1 98	5.8 45/781
Between 1000g and 1249g	91	4 96	0 100	4 96	11.7 91/781
Between 1250g and 1500g	118	2 98	0 100	2 98	15.1 118/781
Greater than 1500g	60	0 100	0 100	0 100	7.7 60/781
Total	340	9 99	4 99	13 98	43.5 340/781



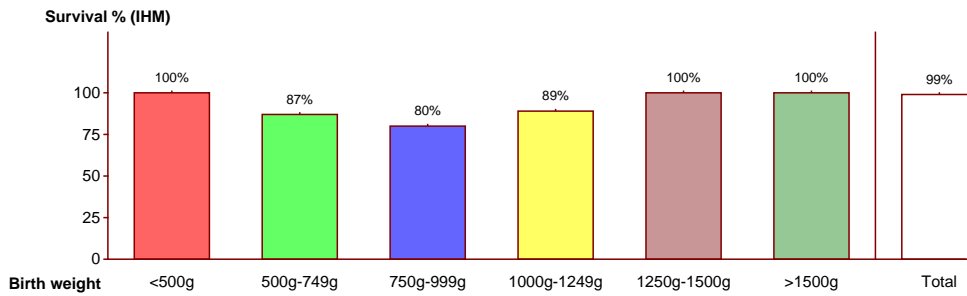


Annual Report

1. Survival and birth weight

1.E. Outborn

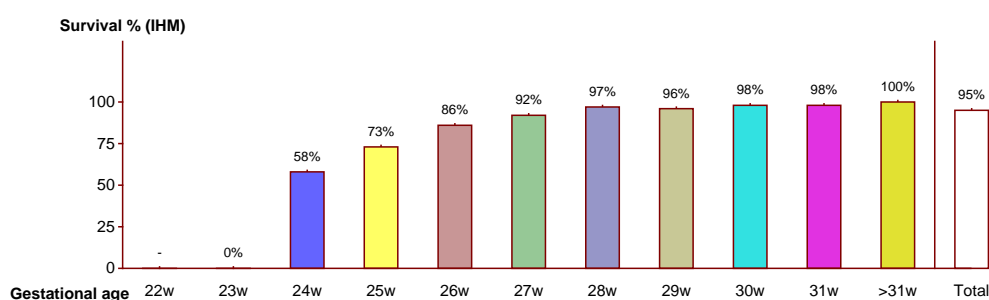
Birthweight (g)	N	ENM survival %	LNM survival %	IHM survival %	% of total	
Less than 500g	1	0	100	0	100	.1 1/781
Between 500g and 749g	8	1	87	0	100	1.0 8/781
Between 750g and 999g	15	2	87	1	93	1.9 15/781
Between 1000g and 1249g	18	1	94	1	94	2.3 18/781
Between 1250g and 1500g	24	0	100	0	100	3.1 24/781
Greater than 1500g	19	0	100	0	100	2.4 19/781
Total	85	4	99	2	100	10.9 85/781



Annual Report 2. Survival and gestational age

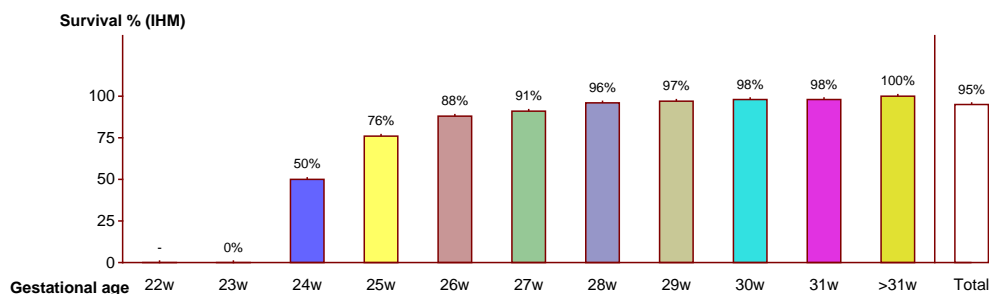
2.A. All patients

Gestational age	N	ENM survival %	LNM survival %	IHM survival %	% of total
22 weeks	-	-	-	-	-
23 weeks	1	1	0	100	1/781
24 weeks	12	4	67	92	5 58 12/781
25 weeks	41	8	80	93	11 73 41/781
26 weeks	59	6	90	97	8 86 59/781
27 weeks	65	4	94	98	5 92 65/781
28 weeks	86	2	98	99	3 97 86/781
29 weeks	96	2	98	98	4 96 96/781
30 weeks	132	1	99	99	2 98 132/781
31 weeks	152	0	100	98	3 98 152/781
Greater than 31 weeks	137	0	100	100	0 100 137/781
Total	781	28	96	98	42 95 781/781



2.B. Inborn: local and AT/IUT

Gestational age	N	ENM survival %	LNM survival %	IHM survival %	% of total
22 weeks	-	-	-	-	-
23 weeks	1	1	0	100	1/781
24 weeks	10	4	60	90	5 50 10/781
25 weeks	34	6	82	94	8 76 34/781
26 weeks	51	4	92	96	6 88 51/781
27 weeks	57	4	93	98	5 91 57/781
28 weeks	77	2	97	99	3 96 77/781
29 weeks	88	2	98	99	3 97 88/781
30 weeks	124	1	99	99	2 98 124/781
31 weeks	130	0	100	98	3 98 130/781
Greater than 31 weeks	124	0	100	100	0 100 124/781
Total	696	24	97	98	36 95 696/781

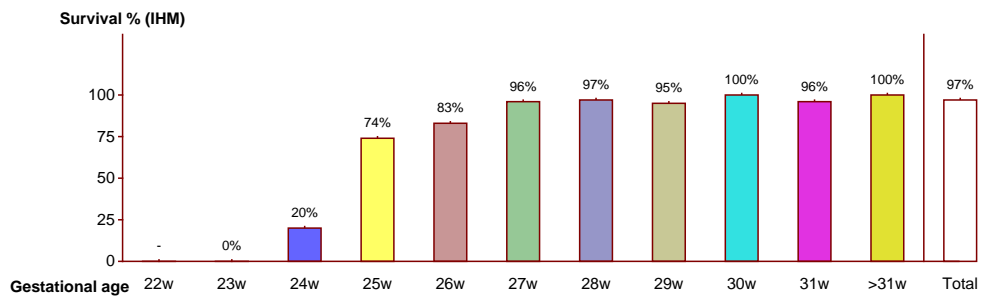




Annual Report
2. Survival and gestational age

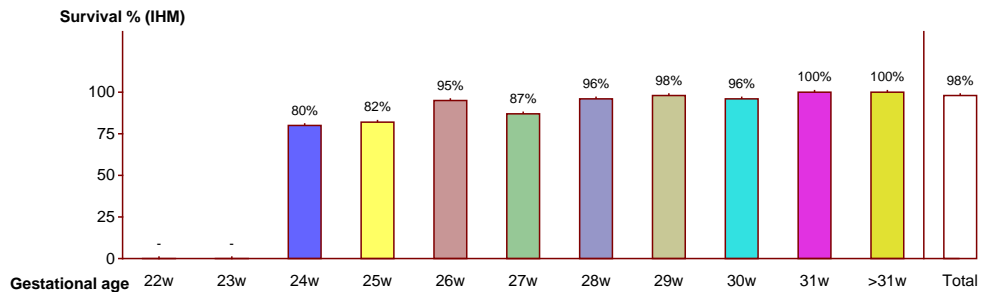
2.C. Inborn: local

Gestational age	N	ENM survival %	LNM survival %	IHM survival %	% of total
22 weeks	-	-	-	-	-
23 weeks	1	1	0	100	0 1/781
24 weeks	5	3	40	1 80	4 20 .6 5/781
25 weeks	23	5	78	1 96	6 74 2.9 23/781
26 weeks	29	3	90	2 93	5 83 3.7 29/781
27 weeks	27	1	96	0 100	1 96 3.5 27/781
28 weeks	29	0	100	1 97	1 97 3.7 29/781
29 weeks	43	2	95	0 100	2 95 5.5 43/781
30 weeks	67	0	100	0 100	0 100 8.6 67/781
31 weeks	71	0	100	3 96	3 96 9.1 71/781
Greater than 31 weeks	61	0	100	0 100	0 100 7.8 61/781
Total	356	15	98	8 99	23 97 45.6 356/781



2.D. Inborn: AT/IUT

Gestational age	N	ENM survival %	LNM survival %	IHM survival %	% of total
22 weeks	-	-	-	-	-
23 weeks	-	-	-	-	-
24 weeks	5	1	80	0 100	1 80 .6 5/781
25 weeks	11	1	91	1 91	2 82 1.4 11/781
26 weeks	22	1	95	0 100	1 95 2.8 22/781
27 weeks	30	3	90	1 97	4 87 3.8 30/781
28 weeks	48	2	96	0 100	2 96 6.1 48/781
29 weeks	45	0	100	1 98	1 98 5.8 45/781
30 weeks	57	1	98	1 98	2 96 7.3 57/781
31 weeks	59	0	100	0 100	0 100 7.6 59/781
Greater than 31 weeks	63	0	100	0 100	0 100 8.1 63/781
Total	340	9	99	4 99	13 98 43.5 340/781

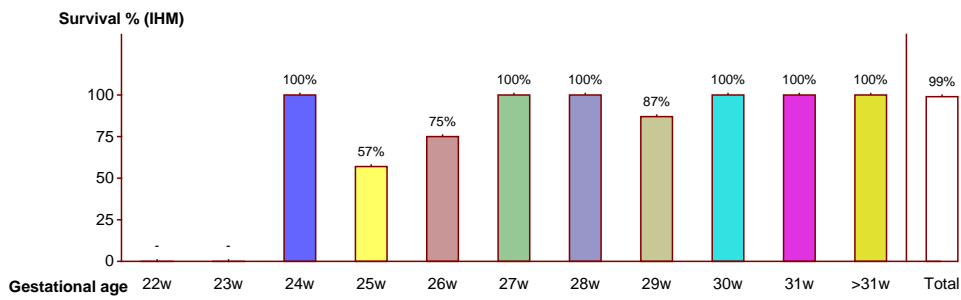




Annual Report
2. Survival and gestational age

2.E. Outborn

Gestational age	N	ENM survival %	LNM survival %	IHM survival %	% of total				
22 weeks	-	-	-	-	-				
23 weeks	-	-	-	-	-				
24 weeks	2	0	100	0	100	.3	2/781		
25 weeks	7	2	71	1	86	3	57	.9	7/781
26 weeks	8	2	75	0	100	2	75	1.0	8/781
27 weeks	8	0	100	0	100	0	100	1.0	8/781
28 weeks	9	0	100	0	100	0	100	1.2	9/781
29 weeks	8	0	100	1	87	1	87	1.0	8/781
30 weeks	8	0	100	0	100	0	100	1.0	8/781
31 weeks	22	0	100	0	100	0	100	2.8	22/781
Greater than 31 weeks	13	0	100	0	100	0	100	1.7	13/781
Total	85	4	99	2	100	6	99	10.9	85/781





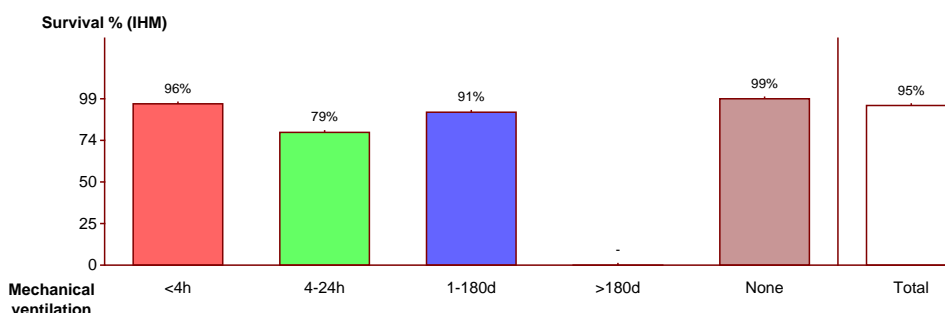
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3. Caring activities in the NIC unit

3.A. Respiratory support

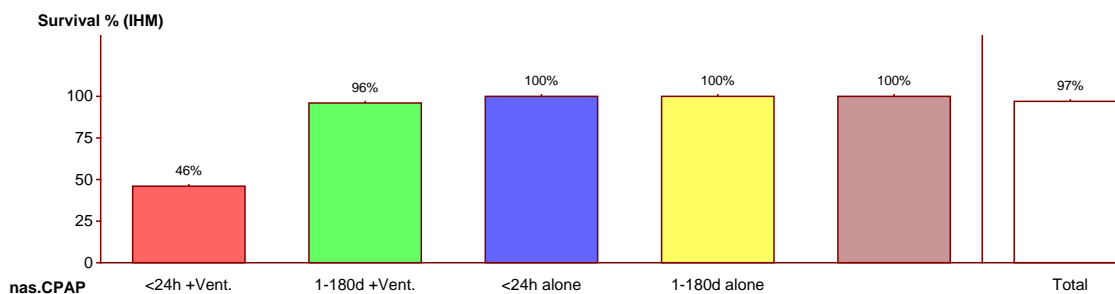
3.A.1. Mechanical ventilation

Mechanical ventilation	N	ENM survival %	LNM survival %	IHM survival %	% of total
< 4 hours	23	1 96	0 100	1 96	2.9 23/781
4-24 hours	62	12 81	1 98	13 79	7.9 62/781
1-180 days	297	14 95	12 96	26 91	38.0 297/781
> 180 days	-	- -	- -	- -	-
None	399	1 100	1 100	2 99	51.1 399/781
Total	781	28 96	14 98	42 95	100 781/781



3.A.2. Nasal CPAP

Nasal CPAP	N	ENM survival %	LNM survival %	IHM survival %	% of total
Nasal CPAP (<24 hours) and ventilation	13	5 62	2 85	7 46	1.7 13/781
Nasal CPAP (1-180 days) and ventilation	326	4 99	8 98	12 96	41.7 326/781
Nasal CPAP (<24 hours) alone	32	0 100	0 100	0 100	4.1 32/781
Nasal CPAP (1-180 days) alone	272	0 100	1 100	1 100	34.8 272/781
nCPAP alone >180 days	1	0 100	0 100	0 100	.1 1/781
Total	644	9 99	11 99	20 97	82.5 644/781





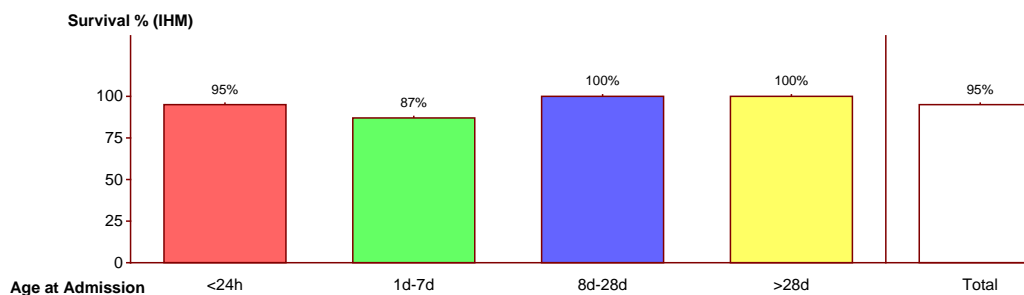
Annual Report

3. Caring activities in the NIC unit

3.B. Age at the time of admission

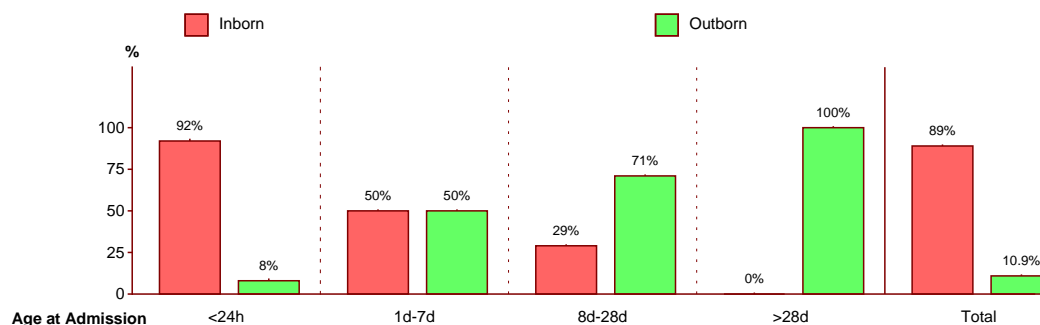
3.B.1. Age at the time of admission and survival

Age at admission	N	ENM survival %	LNM survival %	IHM survival %	% of total
Less than 24h	744	26 97	13 98	39 95	95.3 744/781
Between 1 day and 7 days	24	2 92	1 96	3 87	3.1 24/781
Between 8 days and 28 days	7	0 100	0 100	0 100	.9 7/781
Greater than 28 days	5	0 100	0 100	0 100	.6 5/781
Total	781	28 96	14 98	42 95	100 781/781



3.B.2. Age at the time of admission and origin

Age at admission	N	Inborn			Outborn			% of total
		N	%	% of IB	N	%	% of OB	
Less than 24h	744	681	92	98 681/695	63	8	74 63/85	95.3 744/781
Between 1 day and 7 days	24	12	50	2 12/695	12	50	14 12/85	3.1 24/781
Between 8 days and 28 days	7	2	29	0 2/695	5	71	6 5/85	.9 7/781
Greater than 28 days	5	0	0	0 0/695	5	100	6 5/85	.6 5/781
Total	781	696	89	100.0 695/695	85	10.9	100.0 85/85	100.0 781/781





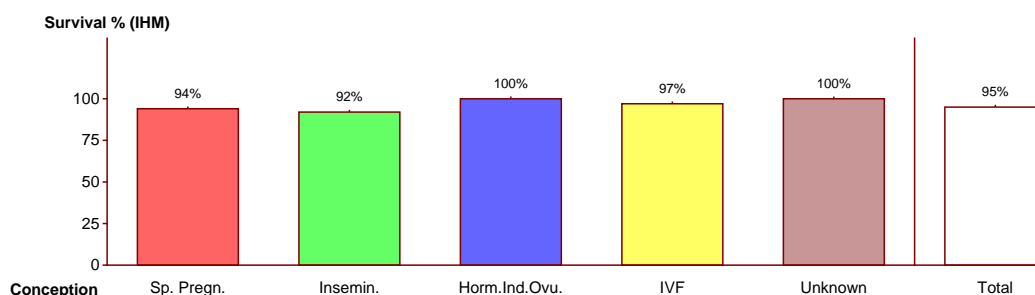
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3. Caring activities in the NIC unit

3.C. Conception

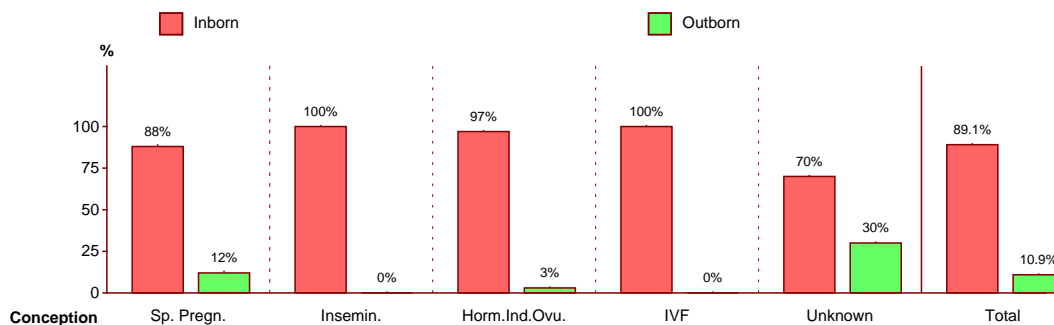
3.C.1. Conception and survival

Conception	N	ENM survival %	LNLM survival %	IHM survival %	% of total	
Spontaneous pregnancy	650	26 96	13 98	39 94	83.2	650/781
Insemination	13	1 92	0 100	1 92	1.7	13/781
Hormonal induction of ovulation	29	0 100	0 100	0 100	3.7	29/781
In vitro fertilisation	68	1 99	1 99	2 97	8.7	68/781
Unknown	20	0 100	0 100	0 100	2.6	20/781
Total	780	28 96	14 98	42 95	99.9	780/781



3.C.2. Conception and origin

Conception	N	Inborn			Outborn			% of total
		N	%	% of IB	N	%	% of OB	
Spontaneous pregnancy	650	572	88	82 572/695	78	12	92 78/85	83.2 650/781
Insemination	13	13	100	2 13/695	0	0	0 0/85	1.7 13/781
Hormonal induction of ovulation	29	28	97	4 28/695	1	3	1 1/85	3.7 29/781
In vitro fertilisation	68	68	100	10 68/695	0	0	0 0/85	8.7 68/781
Unknown	20	14	70	2 14/695	6	30	7 6/85	2.6 20/781
Total	780	695	89.1	100.0 695/695	85	10.9	100.0 85/85	99.9 780/781





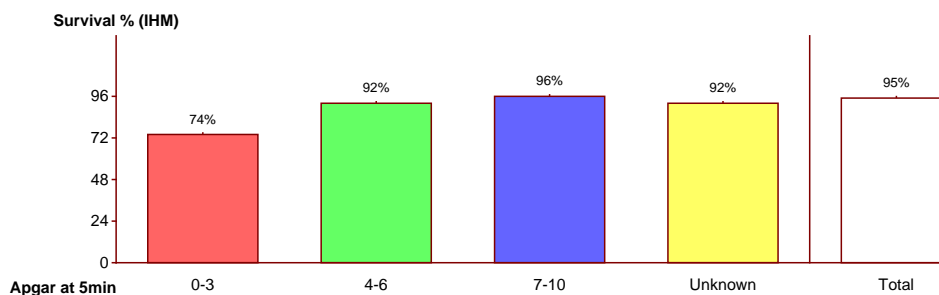
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3. Caring activities in the NIC unit

3.D. Apgar score at 5 minutes

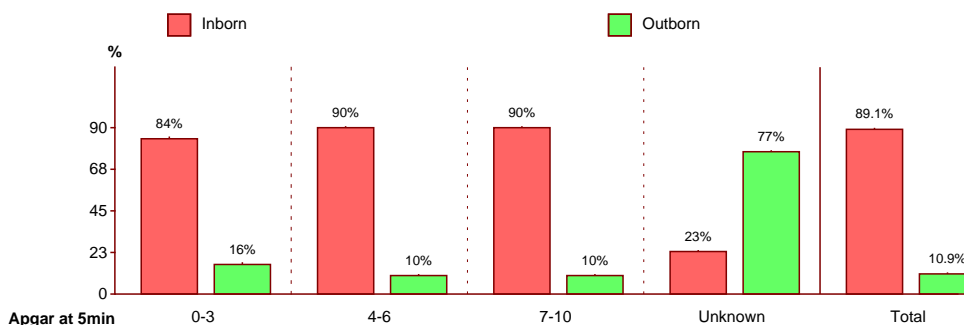
3.D.1. Apgar score at 5 minutes and survival

Apgar score at 5 min	N	ENM survival %	LNM survival %	IHM survival %	% of total
Apgar (at 5min) 0-3	19	5 74	0 100	5 74	2.4 19/781
Apgar (at 5min) 4-6	99	6 94	2 98	8 92	12.7 99/781
Apgar (at 5min) 7-10	650	16 98	12 98	28 96	83.2 650/781
Unknown	13	1 92	0 100	1 92	1.7 13/781
Total	781	28 96	14 98	42 95	100 781/781



3.D.2. Apgar score at 5 minutes and origin

Apgar score at 5 min	N	Inborn			Outborn			% of total
		N	%	% of IB	N	%	% of OB	
Apgar (at 5min) 0-3	19	16	84	2 16/696	3	16	4 3/85	2.4 19/781
Apgar (at 5min) 4-6	99	89	90	13 89/696	10	10	12 10/85	12.7 99/781
Apgar (at 5min) 7-10	650	588	90	84 588/696	62	10	73 62/85	83.2 650/781
Unknown	13	3	23	0 3/696	10	77	12 10/85	1.7 13/781
Total	781	696	89.1	100.0 696/696	85	10.9	100.0 85/85	100.0 781/781





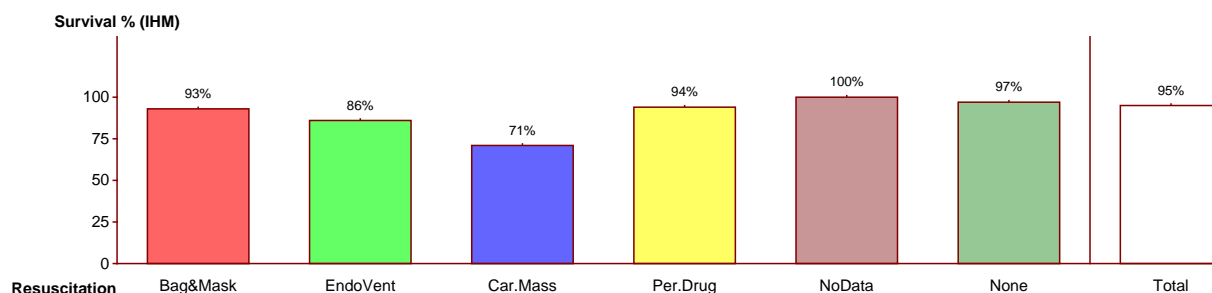
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3. Caring activities in the NIC unit

3.E. Neonatal resuscitation

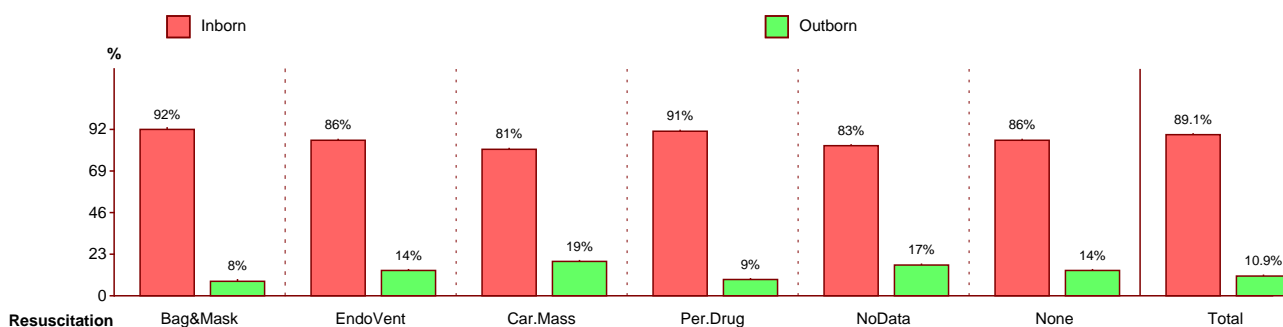
3.E.1. Neonatal resuscitation and survival

Resuscitation	N	ENM survival %	LNM survival %	IHM survival %	% of total
Bag and Mask	476	21 96	10 98	31 93	60.9 476/781
Endotracheal ventilation	201	21 90	7 97	28 86	25.7 201/781
Cardiacmassage	21	6 71	0 100	6 71	2.7 21/781
Perfusion and/or drugs	173	8 95	3 98	11 94	22.2 173/781
No data	12	0 100	0 100	0 100	1.5 12/781
None	238	3 99	3 99	6 97	30.5 238/781
Total (Nb of occurrences-Nb of patients)	1121-781	59-28 96	23-14 98	82-42 95	100.0 781/781



3.E.2. Neonatal resuscitation and origin

Resuscitation	N	Inborn				Outborn				% of total
		N	%	% of IB	N	%	% of OB			
Bag and Mask	476	438	92	63 438/696	38	8	45 38/85	60.9 476/781		
Endotracheal ventilation	201	172	86	25 172/696	29	14	34 29/85	25.7 201/781		
Cardiacmassage	21	17	81	2 17/696	4	19	5 4/85	2.7 21/781		
Perfusion and/or drugs	173	158	91	23 158/696	15	9	18 15/85	22.2 173/781		
No data	12	10	83	1 10/696	2	17	2 2/85	1.5 12/781		
None	238	204	86	29 204/696	34	14	40 34/85	30.5 238/781		
Total (Nb of occurrences-Nb of patients)	1121-781	999-696 89.1	100.0 696/696	122-85 10.9	100.0 85/85	100.0 85/85	100.0 781/781			





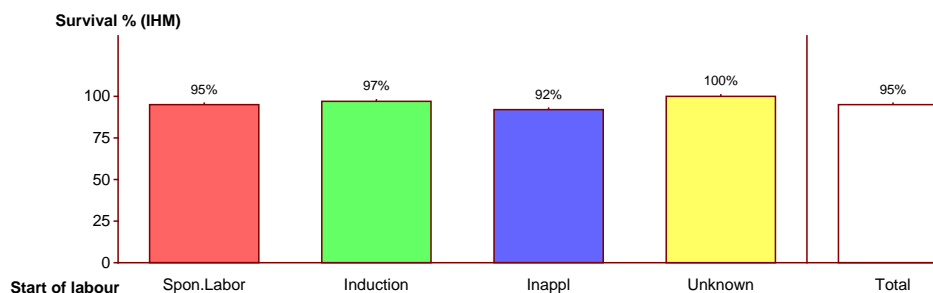
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3. Caring activities in the NIC unit

3.F. Start of labour

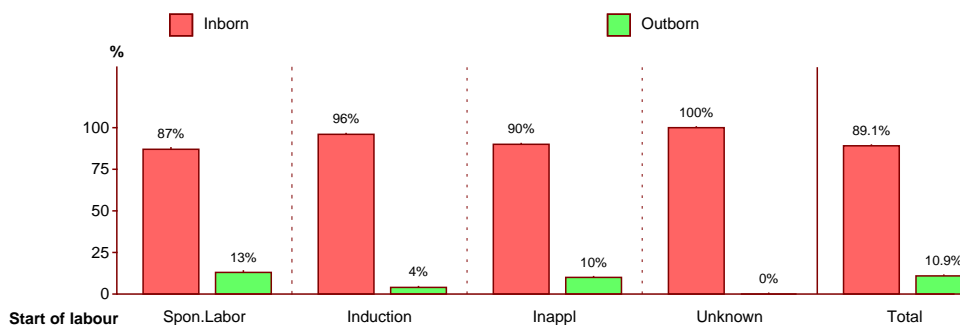
3.F.1. Start of labour and survival

Start of labour	N	ENM survival %	ENM survival %	ENM survival %	ENM survival %	IHM survival %	IHM survival %	% of total
Spontaneous labour	466	18	96	4	99	22	95	59.7 466/781
Induction	120	3	97	1	99	4	97	15.4 120/781
Inapplicable	192	7	96	9	95	16	92	24.6 192/781
Unknown	3	0	100	0	100	0	100	.4 3/781
Total	781	28	96	14	98	42	95	100 781/781



3.F.2. Start of labour and origin

Start of labour	N	Inborn			Outborn			% of total
		N	%	% of IB	N	%	% of OB	
Spontaneous labour	466	405	87	58 405/696	61	13	72 61/85	59.7 466/781
Induction	120	115	96	17 115/696	5	4	6 5/85	15.4 120/781
Inapplicable	192	173	90	25 173/696	19	10	22 19/85	24.6 192/781
Unknown	3	3	100	0 3/696	0	0	0 0/85	.4 3/781
Total	781	696	89.1	100.0 696/696	85	10.9	100.0 85/85	100.0 781/781





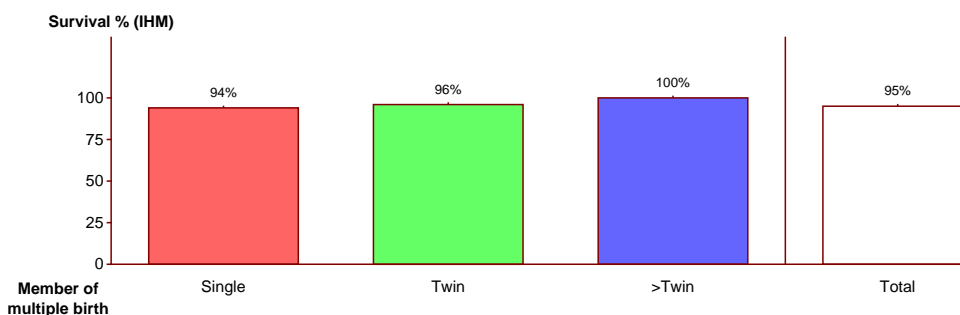
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3. Caring activities in the NIC unit

3.G. Multiple pregnancy

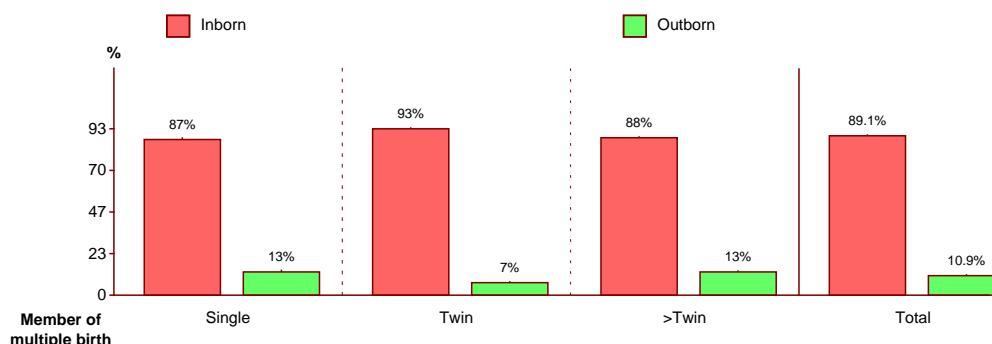
3.G.1. Multiple pregnancy and survival

Member of multiple birth	N	ENM survival %	LNM survival %	IHM survival %	% of total
Single	533	22 96	10 98	32 94	68.2 533/781
Twin	224	6 97	4 98	10 96	28.7 224/781
More than twin	24	0 100	0 100	0 100	3.1 24/781
Total	781	28 96	14 98	42 95	100 781/781



3.G.2. Multiple pregnancy and origin

Member of multiple birth	N	Inborn				Outborn				% of total
		N	%	% of IB	N	%	% of OB			
Single	533	466	87	67 466/696	67	13	79 67/85	68.2 533/781		
Twin	224	209	93	30 209/696	15	7	18 15/85	28.7 224/781		
More than twin	24	21	88	3 21/696	3	13	4 3/85	3.1 24/781		
Total	781	696	89.1	100.0 696/696	85	10.9	100.0 85/85	100.0 781/781		

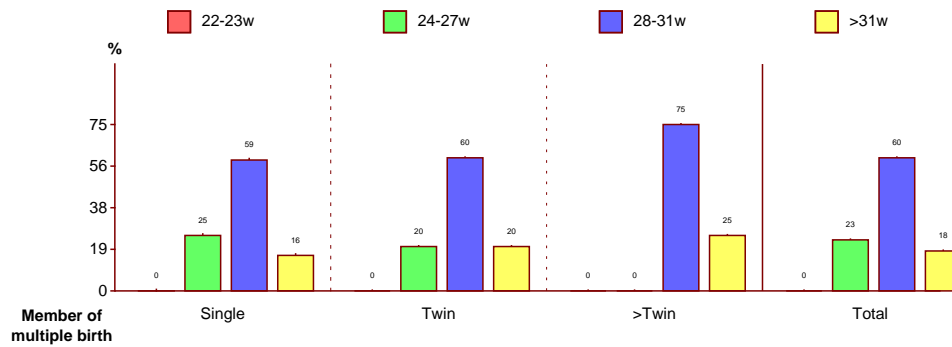




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3. Caring activities in the NIC unit

3.G.3. Multiple pregnancy and GA

Member of multiple birth	N	22-23w %	24-27w %	28-31w %	>31w %	% of popul.
Single	533	1 0	132 25	314 59	86 16	68.2 533/781
Twin	224	0 0	45 20	134 60	45 20	28.7 224/781
More than twin	24	0 0	0 0	18 75	6 25	3.1 24/781
Total	781	1 0	177 23	466 60	137 18	100.0 781/781



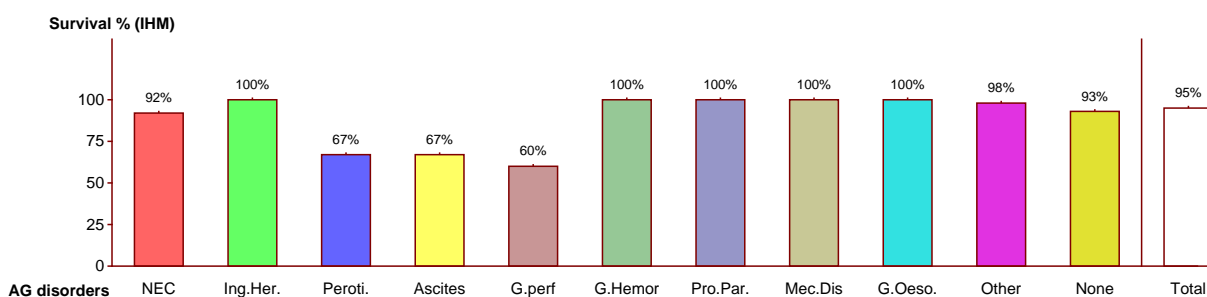
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3. Caring activities in the NIC unit

3.H. Neonatal diseases

3.H.1. Acquired gastrointestinal disorders

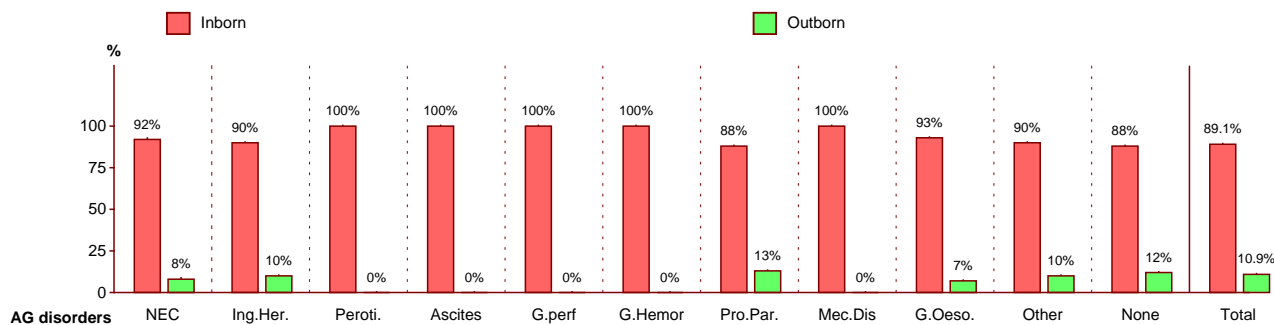
3.H.1.a. Acquired gastrointestinal disorders and survival

Acquired gastrointestinal disorders	N	ENM survival %	LNM survival %	IHM survival %	% of total				
Necrotising enterocolitis	39	0	100	3	92	3	92	5.0	39/781
Inguinal herniation	21	0	100	0	100	0	100	2.7	21/781
Peritonitis	3	0	100	1	67	1	67	.4	3/781
Ascites	3	0	100	1	67	1	67	.4	3/781
Gastrointestinal perforation	5	0	100	2	60	2	60	.6	5/781
Gastrointestinal hemorrhage	4	0	100	0	100	0	100	.5	4/781
Prolonged paralytic ileus	8	0	100	0	100	0	100	1.0	8/781
Meconium dis. preterm infant	5	0	100	0	100	0	100	.6	5/781
Gastro - oesophageal reflux	135	0	100	0	100	0	100	17.3	135/781
Other	51	1	98	0	100	1	98	6.5	51/781
None	550	27	95	10	98	37	93	70.4	550/781
Total (Nb of occurrences-Nb of patients)	824-781	28-28	96	17-14	98	45-42	95	100.0	781/781



3.H.1.b. Acquired gastrointestinal disorders and origin

Acquired gastrointestinal disorders	N	Inborn			Outborn			% of total			
		N	%	% of IB	N	%	% of OB				
Necrotising enterocolitis	39	36	92	5	36/696	3	8	4	3/85	5	39/781
Inguinal herniation	21	19	90	3	19/696	2	10	2	2/85	2.7	21/781
Peritonitis	3	3	100	0	3/696	0	0	0	0/85	.4	3/781
Ascites	3	3	100	0	3/696	0	0	0	0/85	.4	3/781
Gastrointestinal perforation	5	5	100	1	5/696	0	0	0	0/85	.6	5/781
Gastrointestinal hemorrhage	4	4	100	1	4/696	0	0	0	0/85	.5	4/781
Prolonged paralytic ileus	8	7	88	1	7/696	1	13	1	1/85	1	8/781
Meconium dis. preterm infant	5	5	100	1	5/696	0	0	0	0/85	.6	5/781
Gastro - oesophageal reflux	135	126	93	18	126/696	9	7	11	9/85	17.3	135/781
Other	51	46	90	7	46/696	5	10	6	5/85	6.5	51/781
None	550	484	88	70	484/696	66	12	78	66/85	70.4	550/781
Total (Nb of occurrences-Nb of patients)	824-781	738-696	89.1	100.0	696/696	86-85	10.9	100.0	85/85	100.0	781/781





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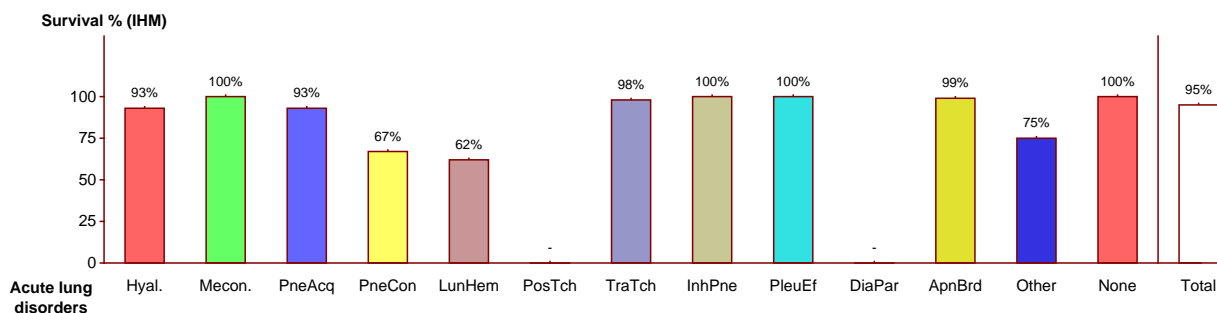
3. Caring activities in the NIC unit

3.H.2. Cardiorespiratory diseases

3.H.2.1. Acute lung disorders

3.H.2.1.a. Acute lung disorders and survival

Acute lung disorders	N	ENM survival %	LNM survival %	IHM survival %	% of total
Hyaline membrane disease	552	28 95	12 98	40 93	70.7 552/781
Meconium aspiration syndrome	1	0 100	0 100	0 100	.1 1/781
Pneumonia acquired	14	0 100	1 93	1 93	1.8 14/781
Pneumonia congenital	3	1 67	0 100	1 67	.4 3/781
Lung hemorrhage	13	2 85	3 77	5 62	1.7 13/781
Postasphyxial lungedema	-	- -	- -	- -	-
Transient tachypnea	108	0 100	2 98	2 98	13.8 108/781
Inhalation pneumonitis	4	0 100	0 100	0 100	.5 4/781
Pleural effusions	3	0 100	0 100	0 100	.4 3/781
Diaphragmatic paralysis/eventration	-	- -	- -	- -	-
Apnea/bradycardia syndrome	205	1 100	2 99	3 99	26.2 205/781
Other	16	4 75	0 100	4 75	2.0 16/781
None	100	0 100	0 100	0 100	12.8 100/781
Total (Nb of occurrences-Nb of patients)	1019-781	36-28 96	20-14 98	56-42 95	100.0 781/781

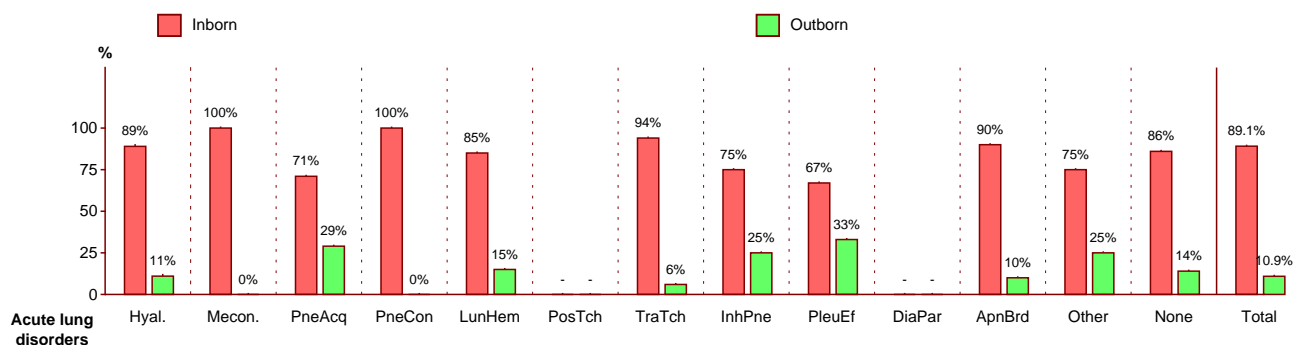


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3. Caring activities in the NIC unit

3.H.2.1.b. Acute lung disorders and origin

Acute lung disorders	N	Inborn				Outborn				% of total	
		N	%	% of IB		N	%	% of OB			
Hyaline membrane disease	552	494	89	71	494/696	58	11	68	58/85	70.7	552/781
Meconium aspiration syndrome	1	1	100	0	1/696	0	0	0	0/85	.1	1/781
Pneumonia acquired	14	10	71	1	10/696	4	29	5	4/85	1.8	14/781
Pneumonia congenital	3	3	100	0	3/696	0	0	0	0/85	.4	3/781
Lung hemorrhage	13	11	85	2	11/696	2	15	2	2/85	1.7	13/781
Postasphyxial lungedema	-	-	-	-	-	-	-	-	-	-	-
Transient tachypnea	108	102	94	15	102/696	6	6	7	6/85	13.8	108/781
Inhalation pneumonitis	4	3	75	0	3/696	1	25	1	1/85	.5	4/781
Pleural effusions	3	2	67	0	2/696	1	33	1	1/85	.4	3/781
Diaphragmatic paralysis/eventration	-	-	-	-	-	-	-	-	-	-	-
Apnea/bradycardia syndrome	205	184	90	26	184/696	21	10	25	21/85	26.2	205/781
Other	16	12	75	2	12/696	4	25	5	4/85	2	16/781
None	100	86	86	12	86/696	14	14	16	14/85	12.8	100/781
Total (Nb of occurrences-Nb of patients)	1019-781	908-696	89.1	100.0	696/696	111-85	10.9	100.0	85/85	100.0	781/781





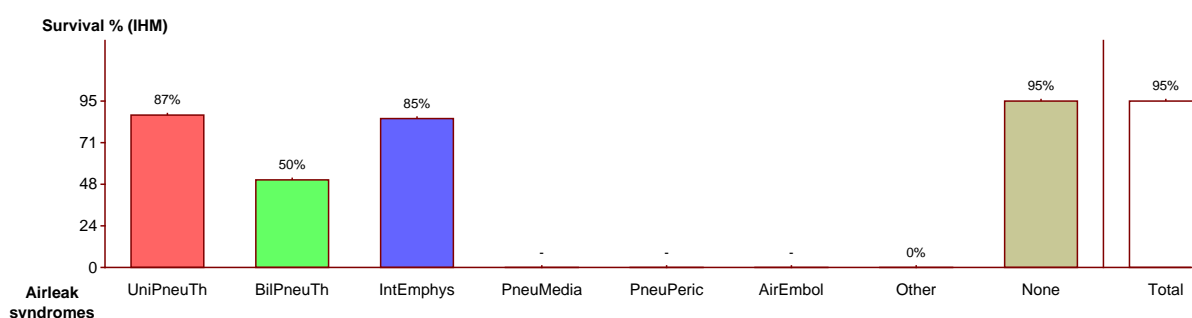
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3. Caring activities in the NIC unit

3.H.2.2. Airleak syndromes

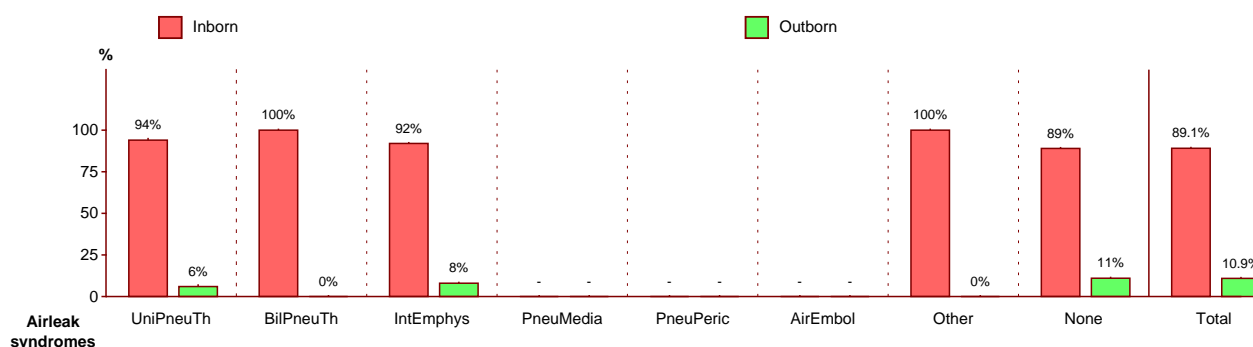
3.H.2.2.a. Airleak syndromes and survival

Air leak syndromes	N	ENM survival %	LNM survival %	IHM survival %	% of total				
Unilateral pneumothorax	16	0 100	2 87	2 87	2.0	16/781			
Bilateral pneumothorax	2	1 50	0 100	1 50	.3	2/781			
Interstitial emphysema	13	0 100	2 85	2 85	1.7	13/781			
Pneumomediastinum	-	- -	- -	- -	-	-			
Pneumopericardium	-	- -	- -	- -	-	-			
Air embolism	-	- -	- -	- -	-	-			
Other	1	1 0	0 100	1 0	.1	1/781			
None	752	26 97	11 99	37 95	96.3	752/781			
Total (Nb of occurrences-Nb of patients)	784-781	28-28	96	15-14	98	43-42	95	100.0	781/781



3.H.2.2.b. Airleak syndromes and origin

Air leak syndromes	N	Inborn			Outborn			% of total			
		N	%	% of IB	N	%	% of OB				
Unilateral pneumothorax	16	15	94	2 15/696	1 6	1 1/85	2 16/781				
Bilateral pneumothorax	2	2	100	0 2/696	0 0	0 0/85	.3 2/781				
Interstitial emphysema	13	12	92	2 12/696	1 8	1 1/85	1.7 13/781				
Pneumomediastinum	-	-	-	-	-	-	-				
Pneumopericardium	-	-	-	-	-	-	-				
Air embolism	-	-	-	-	-	-	-				
Other	1	1	100	0 1/696	0 0	0 0/85	.1 1/781				
None	752	669	89	96 669/696	83 11	98 83/85	96.3 752/781				
Total (Nb of occurrences-Nb of patients)	784-781	699-696	89.1	100.0	696/696	85-85	10.9	100.0	85/85	100.0	781/781



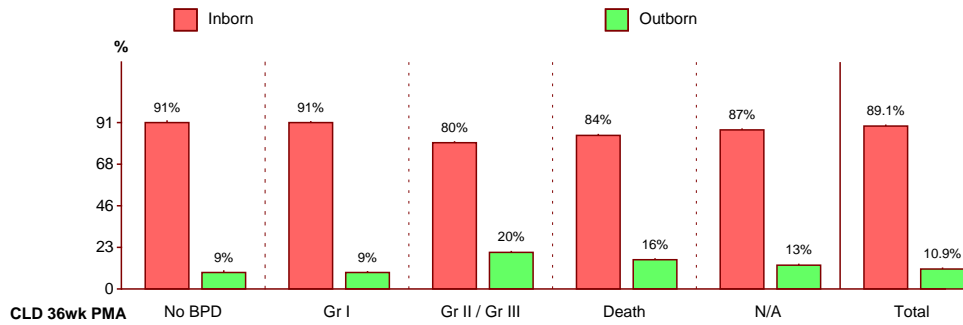


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3. Caring activities in the NIC unit

3.H.2.3. CLD or death at 36 weeks PMA and origin

CLD at 36 weeks	N	Inborn				Outborn				% of total	
		N	%	% of IB	N	%	% of OB				
No BPD	414	376	91	54	376/696	38	9	45	38/85	53	414/781
Grade I	79	72	91	10	72/696	7	9	8	7/85	10.1	79/781
Grade II / Grade III	20	16	80	2	16/696	4	20	5	4/85	2.6	20/781
Death	45	38	84	5	38/696	7	16	8	7/85	5.8	45/781
Unknown or N/A	223	194	87	28	194/696	29	13	34	29/85	28.6	223/781
Total	781	696	89.1	100.0	696/696	85	10.9	100.0	85/85	100.0	781/781





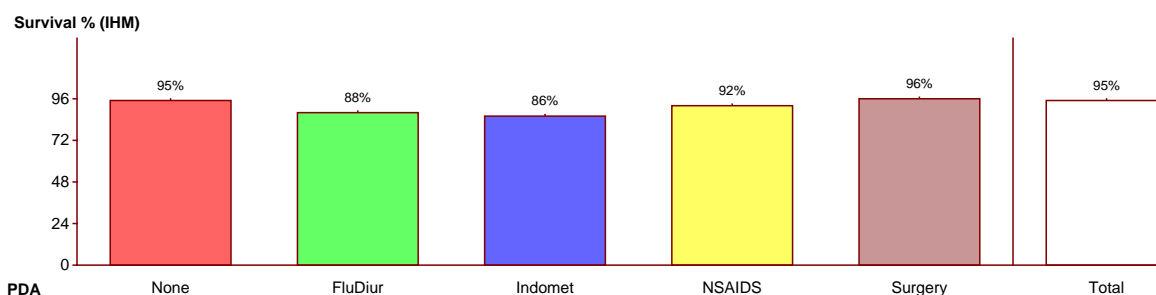
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3. Caring activities in the NIC unit

3.H.2.4. Persistent ductus arteriosus (PDA)

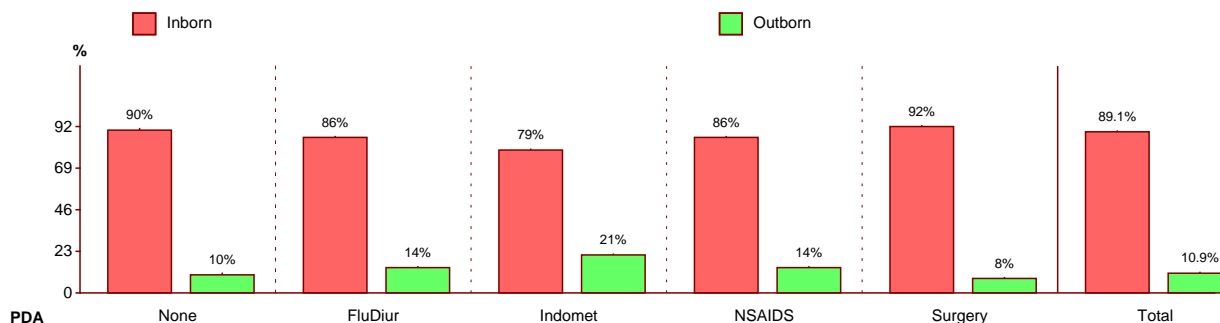
3.H.2.4.a. Persistent ductus arteriosus (PDA) and survival

Persistent ductus arteriosus (PDA)	N	ENM survival %	LNM survival %	IHM survival %	% of total
None	636	22 97	8 99	30 95	81.4 636/781
Fluid restriction + - diuretics	43	4 91	1 98	5 88	5.5 43/781
Indomethacin	14	2 86	0 100	2 86	1.8 14/781
Other NSAIDs	110	3 97	6 95	9 92	14.1 110/781
Surgery	24	0 100	1 96	1 96	3.1 24/781
Total (Nb of occurrences-Nb of patients)	827-781	31-28 96	16-14 98	47-42 95	100.0 781/781



3.H.2.4.b. Persistent ductus arteriosus (PDA) and origin

Persistent ductus arteriosus (PDA)	N	Inborn			Outborn			% of total
		N	%	% of IB	N	%	% of OB	
None	636	571	90	82 571/696	65	10	76 65/85	81.4 636/781
Fluid restriction + - diuretics	43	37	86	5 37/696	6	14	7 6/85	5.5 43/781
Indomethacin	14	11	79	2 11/696	3	21	4 3/85	1.8 14/781
Other NSAIDs	110	95	86	14 95/696	15	14	18 15/85	14.1 110/781
Surgery	24	22	92	3 22/696	2	8	2 2/85	3.1 24/781
Total (Nb of occurrences-Nb of patients)	827-781	736-696	89.1	100.0 696/696	91-85	10.9	100.0 85/85	100.0 781/781





3.H.3. Infection episodes



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3. Caring activities in the NIC unit

3.H.4. Specific congenital anomalies

3.H.4.1. Specific congenital anomalies and survival

Specific congenital malformations	N	ENM survival %	LNM survival %	IHM survival %	% of total	
Anal imperforation	-	-	-	-	-	-
Limb reduction defect(s)	2	0	100	0	100	.3 2/781
Obstructive uropathy	-	-	-	-	-	-
Esophageal atresia	1	0	100	0	100	.1 1/781
Hydrocephaly	3	0	100	0	100	.4 3/781
Congenital cardiac malformation	11	0	100	3	73	1.4 11/781
Spina bifida	-	-	-	-	-	-
Intestinal atresia	1	0	100	0	100	.1 1/781
Omphalocele	5	0	100	0	100	.6 5/781
Gastroschisis	1	0	100	0	100	.1 1/781
Diaphragmatic hernia	-	-	-	-	-	-
Karyotype anomaly	4	0	100	1	75	.5 4/781
Cleft lip/palate	5	1	80	0	100	.6 5/781
Anencephaly	-	-	-	-	-	-
Other	26	0	100	1	96	3.3 26/781
None	728	27	96	11	98	93.2 728/781
Total (Nb of occurrences-Nb of patients)	787-781	28-28	96	16-14	98	44-42 95 100.0 781/781

3.H.4.2. Specific congenital anomalies and origin

Specific congenital malformations	N	Inborn			Outborn			% of total	
		N	%	% of IB	N	%	% of OB		
Anal imperforation	-	-	-	-	-	-	-	-	
Limb reduction defect(s)	2	2	100	0	2/696	0	0	.3 2/781	
Obstructive uropathy	-	-	-	-	-	-	-	-	
Esophageal atresia	1	1	100	0	1/696	0	0	.1 1/781	
Hydrocephaly	3	3	100	0	3/696	0	0	.4 3/781	
Congenital cardiac malformation	11	9	82	1	9/696	2	18	1.4 11/781	
Spina bifida	-	-	-	-	-	-	-	-	
Intestinal atresia	1	1	100	0	1/696	0	0	.1 1/781	
Omphalocele	5	4	80	1	4/696	1	20	.6 5/781	
Gastroschisis	1	1	100	0	1/696	0	0	.1 1/781	
Diaphragmatic hernia	-	-	-	-	-	-	-	-	
Karyotype anomaly	4	4	100	1	4/696	0	0	.5 4/781	
Cleft lip/palate	5	4	80	1	4/696	1	20	.6 5/781	
Anencephaly	-	-	-	-	-	-	-	-	
Other	26	21	81	3	21/696	5	19	3.3 26/781	
None	728	651	89	94	651/696	77	11	93.2 728/781	
Total (Nb of occurrences-Nb of patients)	787-781	701-696	89.1	100.0	696/696	86-85	10.9	100.0	85/85 100.0 781/781



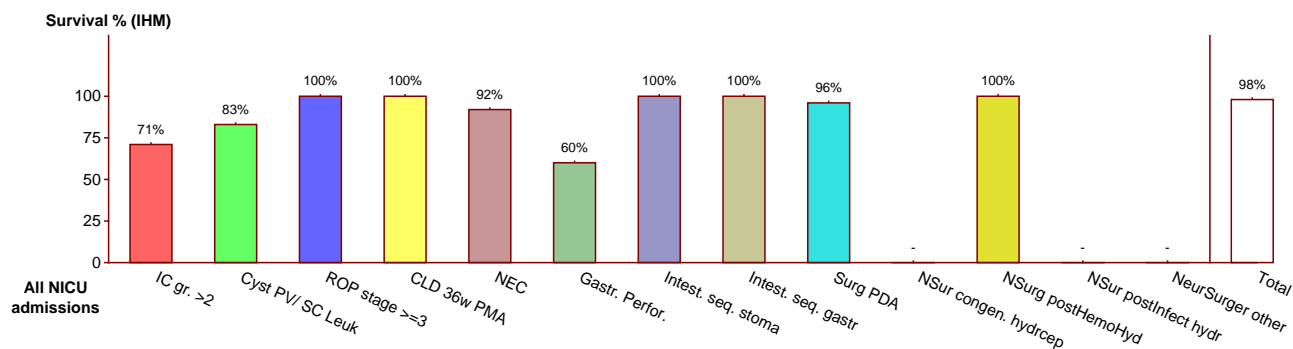
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3. Caring activities in the NIC unit

3.I. Major NICU morbidity

3.I.1. Survival

All admissions	N	ENM survival %	ENM survival %	LNM survival %	LNM survival %	IHM survival %	IHM survival %	% of total	% of total
IC hemorrhage grade >2	35	8	77	2	94	10	71	4.5	35/781
Cystic PV and/or SC leukomalacia	12	1	92	1	92	2	83	1.5	12/781
ROP stage >=3	5	0	100	0	100	0	100	.6	5/781
CLD at 36 weeks PMA	21	0	100	0	100	0	100	2.7	21/781
Necrotising enterocolitis	39	0	100	3	92	3	92	5.0	39/781
Gastrointestinal perforation(s)	5	0	100	2	60	2	60	.6	5/781
Intestinal sequelae Stoma	1	0	100	0	100	0	100	.1	1/781
Intestinal sequelae Gastronomy	3	0	100	0	100	0	100	.4	3/781
Surgery for PDA	24	0	100	1	96	1	96	3.1	24/781
Neurosurgery for congenital hydrocephaly	-	-	-	-	-	-	-	-	-
Neurosurgery for posthemorrhagic hydrocephaly	2	0	100	0	100	0	100	.3	2/781
Neurosurgery for post-infectious hydrocephaly	-	-	-	-	-	-	-	-	-
Neurosurgery for other reason	-	-	-	-	-	-	-	-	-
Total (Nb of occurrences-Nb of patients)	147-125	9-8	99	9-6	99	18-14	98	16.0	125/781



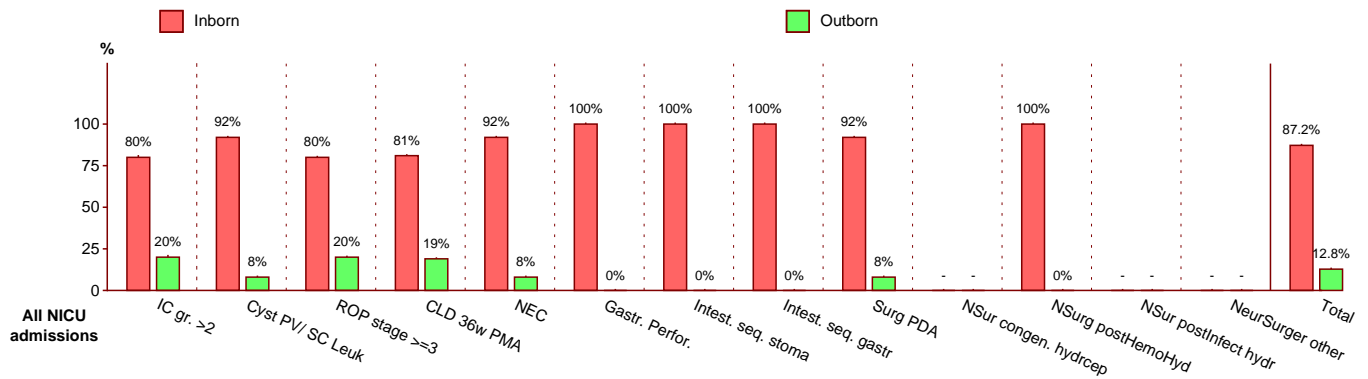


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3. Caring activities in the NIC unit

3.1.2. Group by origin

All admissions	N	Inborn				Outborn				% of total	
		N	%	% of IB	% of IB	N	%	% of OB	% of OB		
IC hemorrhage grade >2	35	28	80	26	28/109	7	20	44	7/16	4.5	35/781
Cystic PV and/or SC leukomalacia	12	11	92	10	11/109	1	8	6	1/16	1.5	12/781
ROP stage >=3	5	4	80	4	4/109	1	20	6	1/16	.6	5/781
CLD at 36 weeks PMA	21	17	81	16	17/109	4	19	25	4/16	2.7	21/781
Necrotising enterocolitis	39	36	92	33	36/109	3	8	19	3/16	5	39/781
Gastrointestinal perforation(s)	5	5	100	5	5/109	0	0	0	0/16	.6	5/781
Intestinal sequelae Stoma	1	1	100	1	1/109	0	0	0	0/16	.1	1/781
Intestinal sequelae Gastronomy	3	3	100	3	3/109	0	0	0	0/16	.4	3/781
Surgery for PDA	24	22	92	20	22/109	2	8	13	2/16	3.1	24/781
Neurosurgery for congenital hydrocephaly	-	-	-	-	-	-	-	-	-	-	-
Neurosurgery for posthemorrhagic hydrocephaly	2	2	100	2	2/109	0	0	0	0/16	.3	2/781
Neurosurgery for post-infectious hydrocephaly	-	-	-	-	-	-	-	-	-	-	-
Neurosurgery for other reason	-	-	-	-	-	-	-	-	-	-	-
Total (Nb of occurrences-Nb of patients)	147-125	129-109	87.2	100.0	109/109	18-16	12.8	100.0	16/16	16.0	125/781





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3. Caring activities in the NIC unit

3.1.3. Group by gestational age

3.1.3.1. Survival

All admissions	N	22-23w		24-27w		28-31w		>31w	
		IHM	% surv.	IHM	% surv.	IHM	% surv.	IHM	% surv.
IC hemorrhage grade >2	35	1	97	8	77	1	97	0	100
Cystic PV and/or SC leukomalacia	12	0	100	1	92	1	92	0	100
ROP stage >=3	5	0	100	0	100	0	100	0	100
CLD at 36 weeks PMA	21	0	100	0	100	0	100	0	100
Necrotising enterocolitis	39	0	100	1	97	2	95	0	100
Gastrointestinal perforation(s)	5	0	100	0	100	2	60	0	100
Intestinal sequelae Stoma	1	0	100	0	100	0	100	0	100
Intestinal sequelae Gastronomy	3	0	100	0	100	0	100	0	100
Surgery for PDA	24	0	100	1	96	0	100	0	100
Neurosurgery for congenital hydrocephaly	-	-	-	-	-	-	-	-	-
Neurosurgery for posthemorrhagic hydrocephaly	2	0	100	0	100	0	100	0	100
Neurosurgery for post-infectious hydrocephaly	-	-	-	-	-	-	-	-	-
Neurosurgery for other reason	-	-	-	-	-	-	-	-	-
Total (Nb of occurrences-Nb of patients)	147-125	1-1	99	11-9	91	6-4	95	0-0	100

3.1.3.2. Count

All admissions	N	22-23w		24-27w		28-31w		>31w		% of popul.
			%		%		%		%	
IC hemorrhage grade >2	35	1	3	18	51	12	34	4	11	4.5 35/781
Cystic PV and/or SC leukomalacia	12	0	0	6	50	4	33	2	17	1.5 12/781
ROP stage >=3	5	0	0	5	100	0	0	0	0	.6 5/781
CLD at 36 weeks PMA	21	0	0	12	57	8	38	1	5	2.7 21/781
Necrotising enterocolitis	39	0	0	13	33	21	54	5	13	5.0 39/781
Gastrointestinal perforation(s)	5	0	0	2	40	3	60	0	0	.6 5/781
Intestinal sequelae Stoma	1	0	0	0	0	1	100	0	0	.1 1/781
Intestinal sequelae Gastronomy	3	0	0	0	0	2	67	1	33	.4 3/781
Surgery for PDA	24	0	0	22	92	2	8	0	0	3.1 24/781
Neurosurgery for congenital hydrocephaly	-	-	-	-	-	-	-	-	-	-
Neurosurgery for posthemorrhagic hydrocephaly	2	0	0	1	50	1	50	0	0	.3 2/781
Neurosurgery for post-infectious hydrocephaly	-	-	-	-	-	-	-	-	-	-
Neurosurgery for other reason	-	-	-	-	-	-	-	-	-	-
Total (Nb of occurrences-Nb of patients)	147-125	1-1	1	79-65	52	54-47	38	13-12	10	16.0 125/781



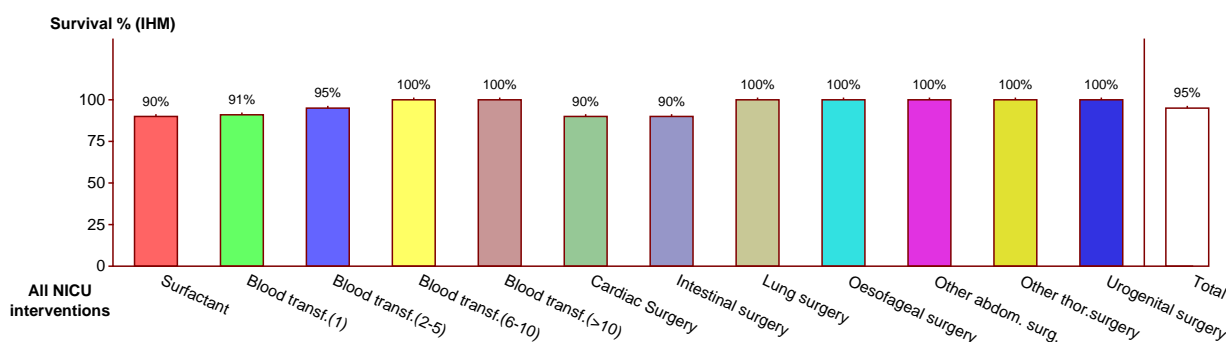
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3. Caring activities in the NIC unit

3.J. Therapeutic interventions

3.J.1. Survival

All interventions	N	ENM survival %	LNM survival %	IHM survival %	% of total
Surfactant therapy	346	25 93	10 97	35 90	44.3 346/781
Blood transfusions (1)	134	8 94	4 97	12 91	17.2 134/781
Blood transfusions (2-5)	153	4 97	3 98	7 95	19.6 153/781
Blood transfusions (6-10)	22	0 100	0 100	0 100	2.8 22/781
Blood transfusions (>10)	1	0 100	0 100	0 100	.1 1/781
Cardiac surgery (PDA excl)	20	0 100	2 90	2 90	2.6 20/781
Intestinal surgery	30	0 100	3 90	3 90	3.8 30/781
Lung surgery	1	0 100	0 100	0 100	.1 1/781
Oesophageal surgery	1	0 100	0 100	0 100	.1 1/781
Other abdominal surgery	5	0 100	0 100	0 100	.6 5/781
Other thoracic surgery	5	0 100	0 100	0 100	.6 5/781
Urogenital surgery	7	0 100	0 100	0 100	.9 7/781
Total (Nb of occurrences-Nb of patients)	725-453	37-26 97	22-13 98	59-39 95	58.0 453/781



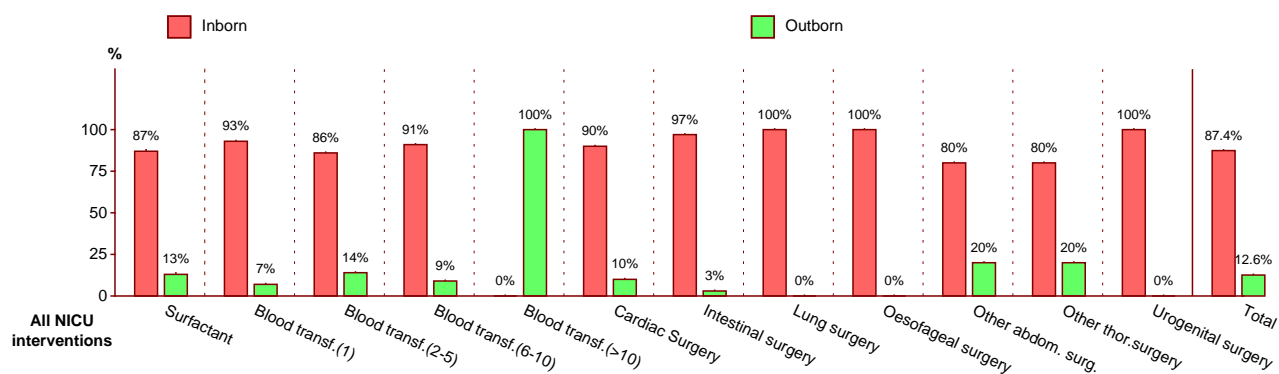


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3. Caring activities in the NIC unit

3.J.2. Group by Origin

All interventions	N	Inborn				Outborn				% of total	
		N	%	% of IB	N	%	% of OB				
Surfactant therapy	346	301	87	76	301/396	45	13	79	45/57	44.3	346/781
Blood transfusions (1)	134	124	93	31	124/396	10	7	18	10/57	17.2	134/781
Blood transfusions (2-5)	153	132	86	33	132/396	21	14	37	21/57	19.6	153/781
Blood transfusions (6-10)	22	20	91	5	20/396	2	9	4	2/57	2.8	22/781
Blood transfusions (>10)	1	0	0	0	0/396	1	100	2	1/57	.1	1/781
Cardiac surgery (PDA excl)	20	18	90	5	18/396	2	10	4	2/57	2.6	20/781
Intestinal surgery	30	29	97	7	29/396	1	3	2	1/57	3.8	30/781
Lung surgery	1	1	100	0	1/396	0	0	0	0/57	.1	1/781
Oesophageal surgery	1	1	100	0	1/396	0	0	0	0/57	.1	1/781
Other abdominal surgery	5	4	80	1	4/396	1	20	2	1/57	.6	5/781
Other thoracic surgery	5	4	80	1	4/396	1	20	2	1/57	.6	5/781
Urogenital surgery	7	7	100	2	7/396	0	0	0	0/57	.9	7/781
Total (Nb of occurrences-Nb of patients)	725-453	641-396	87.4	100.0	396/396	84-57	12.6	100.0	57/57	58.0	453/781





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3. Caring activities in the NIC unit

3.J.3. Group by gestational age

3.J.3.1. Survival

All interventions	N	22-23w		24-27w		28-31w		>31w	
		IHM	% surv.	IHM	% surv.	IHM	% surv.	IHM	% surv.
Surfactant therapy	346	1	100	25	93	9	97	0	100
Blood transfusions (1)	134	0	100	10	93	2	99	0	100
Blood transfusions (2-5)	153	0	100	6	96	1	99	0	100
Blood transfusions (6-10)	22	0	100	0	100	0	100	0	100
Blood transfusions (>10)	1	0	100	0	100	0	100	0	100
Cardiac surgery (PDA excl)	20	0	100	1	95	1	95	0	100
Intestinal surgery	30	0	100	1	97	2	93	0	100
Lung surgery	1	0	100	0	100	0	100	0	100
Oesophageal surgery	1	0	100	0	100	0	100	0	100
Other abdominal surgery	5	0	100	0	100	0	100	0	100
Other thoracic surgery	5	0	100	0	100	0	100	0	100
Urogenital surgery	7	0	100	0	100	0	100	0	100
Total (Nb of occurrences-Nb of patients)	725-453	1-1	100	43-27	91	15-11	97	0-0	100

3.J.3.2. Count

All interventions	N	22-23w		24-27w		28-31w		>31w		% of popul.	
			%		%		%		%		
Surfactant therapy	346	1	0	138	40	198	57	9	3	44.3	346/781
Blood transfusions (1)	134	0	0	22	16	101	75	11	8	17.2	134/781
Blood transfusions (2-5)	153	0	0	96	63	53	35	4	3	19.6	153/781
Blood transfusions (6-10)	22	0	0	19	86	3	14	0	0	2.8	22/781
Blood transfusions (>10)	1	0	0	0	0	1	100	0	0	.1	1/781
Cardiac surgery (PDA excl)	20	0	0	16	80	4	20	0	0	2.6	20/781
Intestinal surgery	30	0	0	16	53	10	33	4	13	3.8	30/781
Lung surgery	1	0	0	0	0	1	100	0	0	.1	1/781
Oesophageal surgery	1	0	0	0	0	1	100	0	0	.1	1/781
Other abdominal surgery	5	0	0	1	20	3	60	1	20	.6	5/781
Other thoracic surgery	5	0	0	5	100	0	0	0	0	.6	5/781
Urogenital surgery	7	0	0	3	43	4	57	0	0	.9	7/781
Total (Nb of occurrences-Nb of patients)	725-453	1-1	0	316-164	36	379-267	59	29-21	5	58.0	453/781



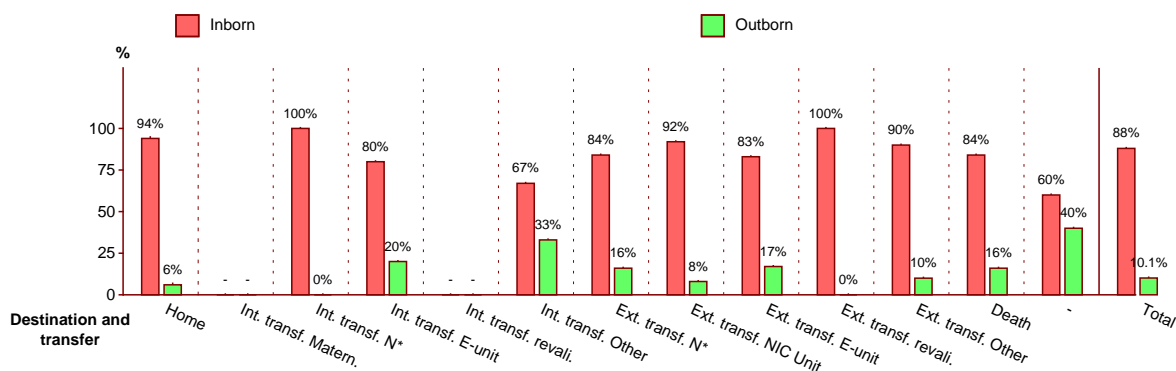
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3. Caring activities in the NIC unit

3.K. Data on discharge

3.K.1. Destination at discharge

Destination transfer	Inborn				Outborn				% of total	
	N	N	%	% of IB	N	%	% of OB			
Home	389	366	94	53 366/687	23	6	29 23/79	49.8	389/781	
Internal transfer Maternity	-	-	-	-	-	-	-	-	-	
Internal transfer N* function	12	12	100	2 12/687	0	0	0 0/79	1.5	12/781	
Internal transfer E-unit	10	8	80	1 8/687	2	20	3 2/79	1.3	10/781	
Internal transfer Centre for revalidation	-	-	-	-	-	-	-	-	-	
Internal transfer Other	3	2	67	0 2/687	1	33	1 1/79	.4	3/781	
External transfer N* function	264	222	84	32 222/687	42	16	53 42/79	33.8	264/781	
External transfer NIC Unit	26	24	92	3 24/687	2	8	3 2/79	3.3	26/781	
External transfer E-unit	6	5	83	1 5/687	1	17	1 1/79	.8	6/781	
External transfer Centre for revalidation	1	1	100	0 1/687	0	0	0 0/79	.1	1/781	
External transfer Other	10	9	90	1 9/687	1	10	1 1/79	1.3	10/781	
Death	45	38	84	6 38/687	7	16	9 7/79	5.8	45/781	
-	15	9	60	1 9/687	6	40	8 6/79	1.9	15/781	
Total	781	696	88	100.0 687/687	85	10.1	100.0 79/79	100.0	781/781	





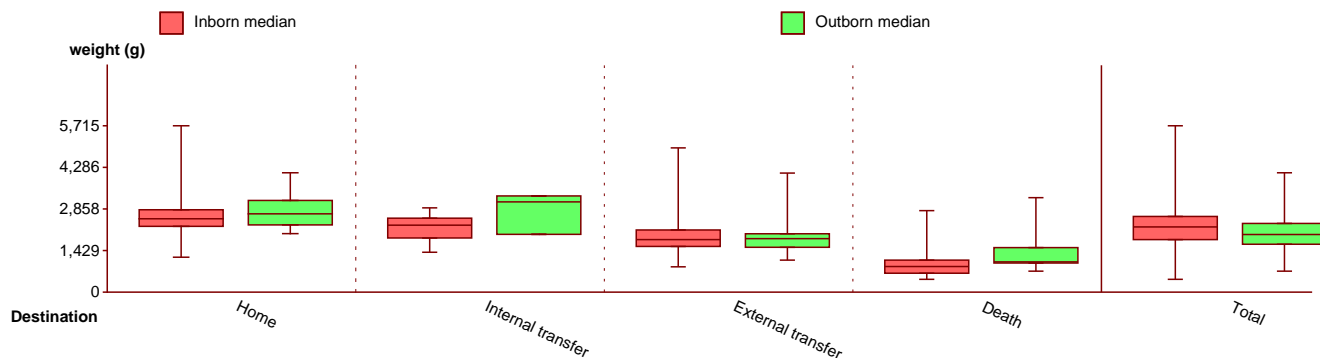
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3. Caring activities in the NIC unit

3.K.2. Weight at discharge

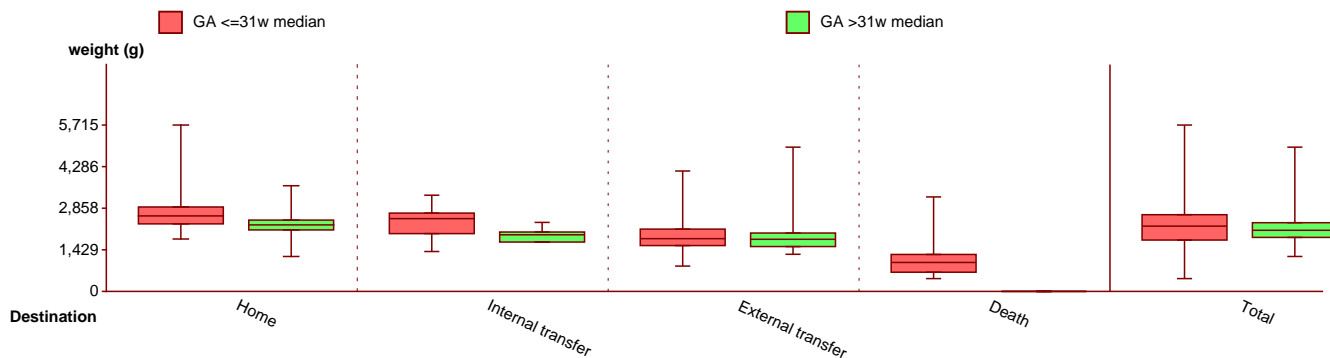
3.K.2.1. Weight (g) over origin and destination

Destination	Inborn						Outborn						Total					
	N	Min	p25	Median	p75	Max	N	Min	p25	Median	p75	Max	N	Min	p25	Median	p75	Max
Home	366	1200	2260	2520	2830	5715	23	2010	2310	2690	3150	4100	366	1200	2260	2523	2830	5715
Internal transfer	22	1370	1860	2300	2540	2895	3	1985	1985	3100	3305	3305	22	1370	1925	2370	2580	3305
External transfer	270	870	1570	1805	2135	4955	52	1100	1540	1838	2005	4090	270	870	1565	1810	2100	4955
Death	38	440	650	880	1100	2800	7	720	1000	1039	1530	3245	38	440	660	995	1270	3245
Total	696	440	1805	2240	2600	5715	85	720	1645	1980	2360	4100	781	440	1790	2215	2595	5715



3.K.2.2. Weight (g) over GA and destination

Destination	GA <=31w						GA >31w						Total					
	N	Min	p25	Median	p75	Max	N	Min	p25	Median	p75	Max	N	Min	p25	Median	p75	Max
Home	313	1800	2320	2593	2900	5715	76	1200	2112	2285	2450	3630	313	1200	2260	2523	2830	5715
Internal transfer	21	1370	1985	2500	2690	3305	4	1695	1695	1945	2040	2370	21	1370	1925	2370	2580	3305
External transfer	265	870	1575	1812	2140	4136	57	1275	1540	1790	2005	4955	265	870	1565	1810	2100	4955
Death	45	440	660	995	1270	3245							45	440	660	995	1270	3245
Total	644	440	1764	2243	2635	5715	137	1200	1855	2100	2360	4955	781	440	1790	2215	2595	5715





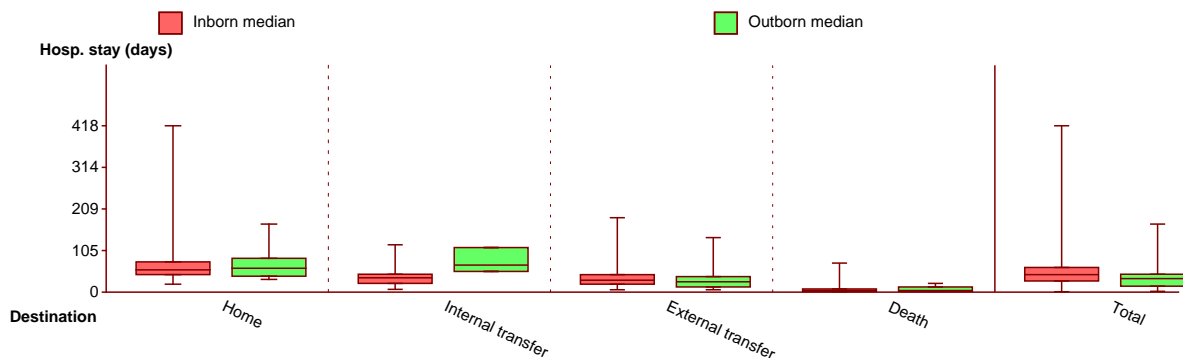
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3. Caring activities in the NIC unit

3.K.3. Hospital stay (in days)

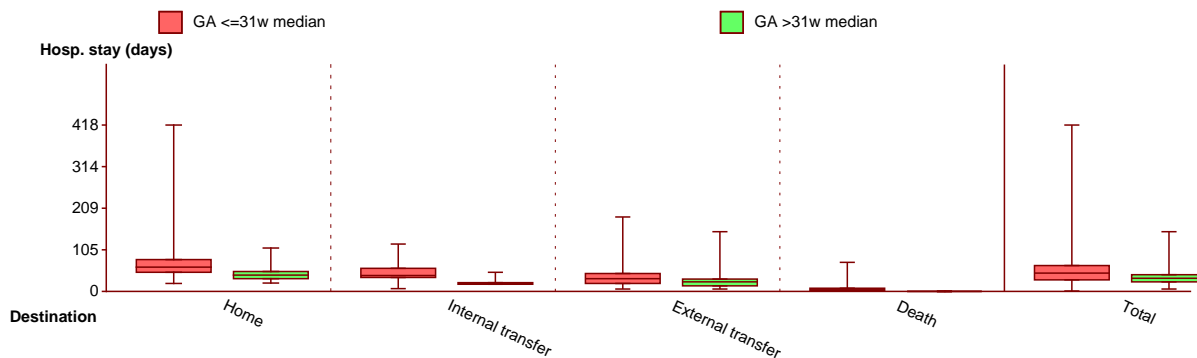
3.K.3.1. Over origin and destination

Destination	Inborn						Outborn						Total					
	N	Min	p25	Median	p75	Max	N	Min	p25	Median	p75	Max	N	Min	p25	Median	p75	Max
Home	366	20	44	56	76	418	23	32	40	60	85	171	366	20	44	56	77	418
Internal transfer	22	7	22	36	45	119	3	52	52	68	112	112	22	7	27	37	52	119
External transfer	270	6	20	30	44	187	52	6	13	26	39	137	270	6	19	30	43	187
Death	38	1	2	4	8	73	7	2	2	4	13	22	38	1	2	4	8	73
Total	696	1	28	44	62	418	85	2	15	34	45	171	781	1	27	43	61	418



3.K.3.2. Over GA and destination

Destination	GA <=31w							GA >31w							Total						
	N	Min	p25	Median	p75	Max	N	Min	p25	Median	p75	Max	N	Min	p25	Median	p75	Max			
Home	313	20	48	61	80	418	76	21	32	41	50	109	313	20	44	56	77	418			
Internal transfer	21	7	35	40	58	119	4	18	18	21	22	48	21	7	27	37	52	119			
External transfer	265	6	20	32	45	187	57	6	14	24	31	150	265	6	19	30	43	187			
Death	45	1	2	4	8	73							45	1	2	4	8	73			
Total	644	1	29	46	65	418	137	6	24	33	42	150	781	1	27	43	61	418			





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3. Caring activities in the NIC unit

3.L. Causes of death

3.L.1. Over origin

Possible death causes	Inborn				Outborn				% of total	
	N	N	%	% of IB	N	%	% of OB			
Congenital malformation	1	1	100	3 1/36	0	0	0 0/7	.1	1/781	
Peripartial asphyxia and consequences	4	3	75	8 3/36	1	25	14 1/7	.5	4/781	
Birth trauma	-	-	-	-	-	-	-	-	-	
Infection	16	14	88	39 14/36	2	13	29 2/7	2	16/781	
Intracranial hemorrhage	8	5	63	14 5/36	3	38	43 3/7	1	8/781	
Leukomalacia	2	2	100	6 2/36	0	0	0 0/7	.3	2/781	
Immaturity (lt 26 w and/or lt 750 g)	12	12	100	33 12/36	0	0	0 0/7	1.5	12/781	
Shock	6	6	100	17 6/36	0	0	0 0/7	.8	6/781	
Respiratory insufficiency	25	20	80	56 20/36	5	20	71 5/7	3.2	25/781	
Inborn error of metabolism	-	-	-	-	-	-	-	-	-	
Fetal hydrops	-	-	-	-	-	-	-	-	-	
Peroperative complication	2	2	100	6 2/36	0	0	0 0/7	.3	2/781	
Iatrogenic cause of death	-	-	-	-	-	-	-	-	-	
Unexpected death	1	0	0	0 0/36	1	100	14 1/7	.1	1/781	
Unexplained death.	-	-	-	-	-	-	-	-	-	
Other cause	2	2	100	6 2/36	0	0	0 0/7	.3	2/781	
Total (Nb of occurrences-Nb of patients)	79-43	67-36	83.7	100.0 36/36	12-7	16.3	100.0 7/7	5.5	43/781	

3.L.2. Over GA

Possible death causes	N	22-23w	%	24-27w	%	28-31w	%	>31w	%	% of popul.
Congenital malformation	1	0	0	0	0	1	100	0	0	.1 1/781
Peripartial asphyxia and consequences	4	0	0	3	75	1	25	0	0	.5 4/781
Birth trauma	-	-	-	-	-	-	-	-	-	-
Infection	16	0	0	12	75	4	25	0	0	2.0 16/781
Intracranial hemorrhage	8	1	13	7	88	0	0	0	0	1.0 8/781
Leukomalacia	2	0	0	2	100	0	0	0	0	.3 2/781
Immaturity (lt 26 w and/or lt 750 g)	12	1	8	10	83	1	8	0	0	1.5 12/781
Shock	6	0	0	3	50	3	50	0	0	.8 6/781
Respiratory insufficiency	25	0	0	19	76	6	24	0	0	3.2 25/781
Inborn error of metabolism	-	-	-	-	-	-	-	-	-	-
Fetal hydrops	-	-	-	-	-	-	-	-	-	-
Peroperative complication	2	0	0	1	50	1	50	0	0	.3 2/781
Iatrogenic cause of death	-	-	-	-	-	-	-	-	-	-
Unexpected death	1	0	0	1	100	0	0	0	0	.1 1/781
Unexplained death.	-	-	-	-	-	-	-	-	-	-
Other cause	2	0	0	0	0	2	100	0	0	.3 2/781
Total (Nb of occurrences-Nb of patients)	79-43	2-1	2	58-30	70	19-12	28	0-0	0	5.5 43/781



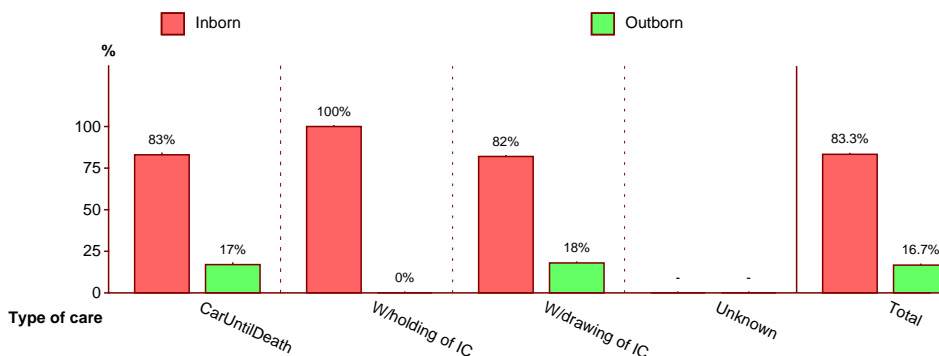
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3. Caring activities in the NIC unit

3.M. Care provided at death

3.M.1. Care over origin

Type of care	Inborn				Outborn				% of total	
	N	N	%	% of IB	N	%	% of OB			
Care given until death	30	25	83	71 25/35	5	17	71 5/7	3.8	30/781	
Withholding of intensive care	1	1	100	3 1/35	0	0	0 0/7	.1	1/781	
Withdrawing of intensive care	11	9	82	26 9/35	2	18	29 2/7	1.4	11/781	
Unknown	-	-	-	-	-	-	-	-	-	
Total	42	35	83.3	100.0 35/35	7	16.7	100.0 7/7	5.4	42/781	



3.M.2. Care over GA

Type of care	N	22-23w %	24-27w %	28-31w %	>31w %	% of popul.
Care given until death	30	1 3	22 73	7 23	0 0	3.8 30/781
Withholding of intensive care	1	0 0	1 100	0 0	0 0	.1 1/781
Withdrawing of intensive care	11	0 0	7 64	4 36	0 0	1.4 11/781
Unknown	-	- -	- -	- -	- -	-
Total	42	1 2	30 71	11 26	0 0	5.4 42/781

