

Delayed Cord Clamping



The data story so far

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The Yorkshire and Humber
Neonatal
Operational Delivery Network

Review of Cord Clamping within Yorkshire & Humber Neonatal ODN during 2018

- 1st January 2018 – 31st December 2018
- Inborn babies <32 weeks gestation
- Total first admissions <32 wks gestation
692
- **Admissions with *some* cord clamping data
recorded 546 (79%)**



Of the 546 with cord clamping data recorded....

- Received delayed cord clamping 183 (34%)
 - Number with delayed clamping time recorded 104 (57%)
- Did not receive delayed cord clamping 278 (51%)
- Unknown 85 (15%)

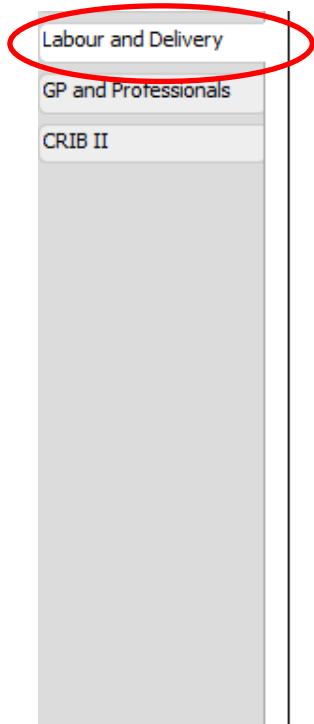


Unit	Was cord clamping delayed?				
	Yes	No	Unknown	Total	% Yes
Airedale General Hospital	6	2	7	15	<u>40.0%</u>
Barnsley Hospital NHS Foundation Trust	4	6	8	18	22.2%
Bassetlaw District General Hospital	0	4	0	4	<u>0.0%</u>
Bradford Teaching Foundation Trust	74	12	4	90	<u>82.2%</u>
Calderdale & Huddersfield NHS Foundation Trust	6	23	1	30	20.0%
Chesterfield Royal Hospital NHS Foundation Trust	5	9	2	16	31.3%
Doncaster Royal Infirmary	9	20	2	31	29.0%
Grimsby, Diana Princess of Wales	2	8	1	11	18.2%
Harrogate District Hospital	0	5	0	5	<u>0.0%</u>
Hull & East Yorkshire Hospitals NHS Trust	19	23	10	52	36.5%
Leeds Neonatal Service	24	45	18	87	27.6%
Pinderfields General Hospital	9	32	6	47	19.1%
Rotherham NHS Foundation Trust	2	7	6	15	13.3%
Scarborough General	4	1	0	5	<u>80.0%</u>
Scunthorpe General Hospital	1	12	1	14	<u>7.1%</u>
Sheffield Teaching Hospitals NHS Foundation Trust	15	58	16	89	16.9%
York District	3	11	3	17	17.6%
Total	183	278	85	546	33.5%

Of the 183 with delayed cord clamping...

Unit	If cord clamping delayed, time delayed (in secs)			
	≤30	>30 & ≤60	>60 & ≤120	>120
Airedale General Hospital	3	1	0	0
Barnsley Hospital NHS Foundation Trust	0	0	0	0
Bassetlaw District General Hospital	0	0	0	0
Bradford Teaching Foundation Trust	46	20	2	0
Calderdale & Huddersfield NHS Foundation Trust	0	5	0	0
Chesterfield Royal Hospital NHS Foundation Trust	1	1	2	0
Doncaster Royal Infirmary	0	9	0	0
Grimsby, Diana Princess of Wales	0	1	1	0
Harrogate District Hospital	0	0	0	0
Hull & East Yorkshire Hospitals NHS Trust	1	2	8	4
Leeds Neonatal Service	10	6	0	1
Pinderfields General Hospital	0	2	1	0
Rotherham NHS Foundation Trust	0	1	0	0
Scarborough General	1	0	1	0
Scunthorpe General Hospital	0	0	0	0
Sheffield Teaching Hospitals NHS Foundation Trust	1	3	1	0
York District	0	1	0	1
Total	63	52	16	6

How to record cord clamping on BadgerNet...



Vaginal - kiwi assisted

Baby delivered in water Yes No

Condition at birth

Offensive liquor? No Yes Unknown

Apgar Score at 1 min 0 1 2 3 4 5 6 7 8 9 10

Heart Rate Score at 1 min 0 1 2

Respiration Score at 1 min 0 1 2

Colour Score at 1 min 0 1 2

Tone Score at 1 min 0 1 2

Response to Stimulus Score at 1 min 0 1 2

Apgar Score at 5mins 0 1 2 3 4 5 6 7 8 9 10

Apgar Score at 10mins 0 1 2 3 4 5 6 7 8 9 10

Apgar Score at 20mins 0 1 2 3 4 5 6 7 8 9 10

Was cord clamping immediate Yes No Unknown

Time from birth to clamp mins secs

'Stripping' of blood from cord Yes No Unknown

Next steps...

- Units –
 - Improve data completeness for cord clamping data
 - Acknowledging if delayed clamping took place and ensuring that delay time recorded
- ODN –
 - Seek to validate the data that has been captured
 - Develop some routine reporting

