



PReCePT
(prevention of cerebral palsy in preterm labour)

Update 12 March 2019



- Our aim – 85-95% eligible mothers receive MgSO₄, by July 31st 2019, demonstrating 3 months at or above target



Period:	National CQUIN				NNAP					
	Q4 17-18				Q4 17-18					
Unit	Timely discharge eligible babies	TPN by Day 2 of Life	2yr Follow up	Temperature on admission ≥ 36	Antenatal Steroids Given	First Consultation within 24hrs	Breast Milk at Discharge Home (<33/40)	ROP screening	Temperature Taken within 1hr (<32/40)	Mag Sulph (Benchmarking)
RVI	100%	91%	100%	93%	62%	55%	10%	81%	95%	21%
James Cook	71%	84%	80%	88%	94%	78%	64%	64%	93%	67%
North Tees	67%	100%	100%	91%	91%	90%	50%	78%	100%	100%
Sunderland	100%	100%	80%	95%	87%	97%	82%	100%	94%	58%
Cramlington	100%	N/A	N/A	100%	100%	95%	100%	86%	100%	100%
Carlisle	40%	N/A	0%	75%	100%	74%	100%	100%	100%	N/A
Darlington	67%	N/A	0%	100%	100%	69%	100%	100%	100%	100%
North Durham	40%	N/A	0%	100%	75%	86%	100%	100%	83%	50%
Gateshead	40%	N/A	0%	92%	77%	78%	100%	100%	100%	0%
West Cumberland	N/A	N/A	0%	67%	83%	71%	N/A	100%	100%	0%
South Tyneside	N/A	N/A	N/A	N/A	N/A	100%	N/A	100%	N/A	N/A
Northern	69%	94%	40%	90%	87%	81%	78%	92%	97%	55%



37 needed to treat to prevent 1 case of CP – therefore – over 5 cases could be prevented in NENC/year

Unit	No of babies/year
RVI	65
S Tees	41
Sunderland	33
N Tees	30
Carlisle	3
Darlington	4
Northumbria	7
Gateshead	2
S Tyneside	1
Durham	6
West Cumberland	3



What have we done since our October 2018 meeting?

- The regional team has had fortnightly update teleconferences
- Monthly national teleconferences
- Site visits to most units
- Individual unit telephone calls
- Group telephone calls
- Monthly audit submissions
- Unintended consequence – the “right place” audit is now working really well 😊

****Regional PReCePT guideline****



What have you all been doing?

1. Training

Unit	Total staff	Sept	Oct	Nov	Dec	Jan	Feb
Carlisle	68	0	0	0	0	9	16
Darlington	120	0		12	16	24	57
Durham	110	0				7	75
Gateshead	144					44	77
N Tees							47
Northumbria							36
S Tees						81	11
S Tyneside	90				3	31	31
Sunderland	160			2	35	15	54
West Cumberland	58	0		3	3	9	21
RVI	250	0		12	21	29	*

783 people trained



What have you all been doing?

2. Compliance

	Jan- June 2018	Sep- 18	Oct- 18	Nov- 18	Dec- 18	Jan- 19
Total eligible cases	116	18	18	21	11	11
Mag sulph not given	19	4	2	4	1	5
Mag sulph given	97	14	16	17	10	6
Compliance	84%	78%	89%	81%	91%	55%
wrong data input (% of total eligible cases)	9.50%	5.50%	11%	24%	27%	18%
contraindicated/cons decision not to give (% of non-compliant cases)	21%	0%	0%	25%	0%	20%
delivery imminent (% of non-compliant cases)	42%	50%	50%	50%	100%	60%
not offered (% of non-compliant cases)	37%	50%	50%	25%	0%	20%



- December/January/February exceptions
- Delivery imminent:
 - 1 BBA
 - Admission – delivery times of 23/5/7/5 minutes
 - Class 1 delivery – decision-delivery time of 28 minutes
- Contraindication/Consultant decision:
 - Abrupton – x2
- Not given:
 - Class 2 delivery – decision-delivery time of 51 minutes
 - Admission-delivery time of 38 minutes





What next?

- Possible CQUIN target
- CNST year 2
- Saving Babies Lives version 2
- “right place” audit
- MatNeo



Keep going!!!

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Thank you all for all your hard work & enthusiasm