E-Table 1: Description of the milking procedure

Study	Frequency of milking	Speed of milking	Position of infant	Length of umbilical cord squeezed	Time to clamp the cord in control group
			UCM Vs DCC		
Rabe 2011 ¹	4 times	10cm/sec	Infant placed 20cm below level of placenta	Whole length	30 seconds
Katheria 2015 ²	4 times	Whole length /2 sec	Infant placed 20cm below level of placenta	Whole length	45 seconds
Shirk 2019 ³	4 times	10cm/sec	Infant held at the level of maternal abdomen in caesarean delivery or held at the level of perineum in vaginal delivery	20cm	60 seconds
Finn 2019 ⁴	3 times	10cm/sec	Infant placed at or below the level of placenta	20cm	60 seconds*
Katheria 2019 ⁵	4 times	10cm/sec	Infant held below the level of incision in caesarean delivery or held below the level of introitus in vaginal delivery	20cm	60 seconds
			UCM Vs ICC		
Hosono 2008 ⁶	2-3 times	20cm/2 sec	Infant placed at the level or below the placenta	20cm	Immediately at birth
March 2013	3 times	Not reported	Infants placed at level of placenta in caesarean deliveries and at or below the level of placenta in vaginal deliveries.	20 cm	Immediately at birth
Alan 2014 ⁸	3 times	5 cm/sec	Infants placed at level of placenta in caesarean deliveries and below the level of placenta in vaginal deliveries.	25-30 cm	<10 seconds
Josephsen 2014 9	3 times	Not specified	Not specified	18cm	-
Katheria 2014 ¹⁰	3 times	20cm/ 2 sec	Infant held below the mother's introitus at vaginal delivery and below the level of the incision at caesarean delivery.	20 cm	Immediately at birth
Kumar 2015	3 times	10cm/s	. Infant placed under warmer, cord held upright and milked.	25 cm	<30 seconds
Kilicdag 2016 12	4 times	20cm/2 sec	Infant placed at level of placenta	20cm	Immediately at birth
Song 2017	4 times	20 cm/sec	Infant was lowered to 20cm below the level of placenta	Not specified	Immediately at birth
Alavi 2018	3 times	10 cm/sec	Infant placed beside thigh (in CS) and at the level of uterus (in vaginal delivery)	25 cm	Immediately at birth

El-Naggar 2018 ¹⁵	3 times	10 cm/sec	Infant placed at the level or below the placenta.	20 cm (or if less, the available length)	<10 seconds
Lago Leal 2018 16	4 times	Not reported	Not specified	20 cm	<20 seconds
Li 2018 ¹⁷	4 times	10 cm/sec	Infant placed at the level or below the placenta.	20 cm	Immediately at birth
RamMohan 2018 18	3 times	10cm/sec	Not specified	25 cm	-
Silahli 2018	3 times	Not specified	Infant placed at or below the level of placenta if vaginal delivery or at the same level as placenta if caesarean section	20 cm	Within 10 seconds

Total duration of the milking procedure was reported in Song 2017 (15 to 20seconds), Katheria 2015 (25 seconds), Katheria 2019 (22.8 seconds with refill), Shirk 2019 (6 seconds for each milking maneuver to allow for cord refill).

Cord refill between milking maneuvers allowed in Shirk 2019, Katheria 2019, El-Naggar 2018, Katheria 2015 (2 seconds), Song 2017 (2 seconds).

^{*}Bed side resuscitation was done

OUTCOME		ESTIMATE IN UCM GROUP	ESTIMATE IN CONTROLGRO UP22/377 (5.8%)	RELATIVE EFFECT (95% CI)	NUMBER OF PARTICI PANTS	HETERO- GENEITY	PRECISI ON	RISK OF BIAS	QUALITY OF EVIDENCE
All-cause mortality	UCM Vs DCC	26/438 (5.9%)	29/452 (6.4%)	0.93 (0.55,1.55)	890	0%	High	Blinding in 2/4 RCTs *	Moderate
	i-UCM Vs ICC	22/347 (6.3%)	26/351 (7.4%)	0.85 (0.49,1.46)	698	27%	High	Blinding in 2/10 RCTs	Moderate
	c-UCM Vs ICC	6/130 (4.6%)	6/130 (4.6%)	1.00(0.35,2.90)	260	34%	Low	Blinding in 0/2 RCTs	Very Low
Intraventricular hemorrhage (any grade)	UCM Vs DCC	75/438 (17.1%)	83/452 (18.3%)	0.93 (0.70,1.23)	890	35%	High	Blinding in 2/4 RCTs	Moderate
	i-UCM Vs ICC	61/347 (17.6%)	79/351 (22.5%)	0.79 (0.60,1.06)	698	0%	High	Blinding in 2/10 RCTs	Moderate
	cUCM Vs ICC	3/40 (7.5%)	7/40 (17.5%)	0.43 (0.12-1.54)	80	NA	Low	Blinding in 0/1 RCT	Very Low
Intraventricular hemorrhage (grade 3 or more)	UCM Vs DCC	24/356 (6.7%)	12/362 (3.3%)	1.95 (1.01,3.76)	718	0%	High	Blinding in 2/4 RCTs	Moderate
	i-UCM Vs ICC	16/296 (5.4%)	24/302 (7.9%)	0.69 (0.38,1.24)	598	0%	High	Blinding in 2/8 RCTs	Moderate
	c-UCM Vs ICC	0/30 (0%)	1/30 (3.3%)	0.33 (0.01-7.87)	60	NA	Low	Blinding in 0/1 RCT	Very Low
Necrotizing enterocolitis (stage not specified)	UCM Vs DCC	11/145 (4.4%)	11/149 (5.1%)	1.07 (0.50,2.30)	294	0%	Low	Blinding in 1/3 RCTs	Low
	i-UCM Vs ICC	32/288 (11.1%)	41/289 (14.2%)	0.83 (0.56,1.24)	577	0%	High	Blinding in 2/8 RCTs	Moderate

Definite Necrotizing enterocolitis	UCM Vs DCC	10/338	17/348	0.62 (0.29,1.31)	686	0%	High	Blinding in 2/3 RCTs	Moderate
	i-UCM Vs ICC	(2.9%) 18/117	(4.9%)	0.91(0.55,1.52)	240	0%	Low	Blinding in 1/2 RCTs	Low
	c-UCM Vs ICC	(15.4%) 1/30 (3.3%)	(17.9%) 2/30 (6.6%)	0.50(0.05-5.22)	60	NA	Low	Blinding in 0/1 RCT	Very Low
Patent ductus arteriosus requiring reatment	UCM Vs DCC	59/311 (19%)	71/317 (22.4%)	0.85 (0.63,1.16)	628	0%	High	Blinding in 2/2 RCTs	Moderate
	i-UCM Vs ICC	57/213 (24.3%)	45/211 (20.7%)	1.25 (0.90, 1.75)	424	0%	High	Blinding in 2/6 RCT	Moderate
	c-UCM Vs ICC	2/30 (6.6%)	5/30 (16.6%)	0.40 (0.08-1.90)	60	NA	Low	Blinding in 0/1 RCT	Very Low
Retinopathy of prematurity (all stages)	i-UCM Vs ICC	34/88 (29.6%)	43/88 (37.3%)	0.83 (0.65,1.07)	176	46%	Low	Blinding in 0/3 RCTs	Low
	c-UCM Vs ICC	1/30 (3.3%)	1/30 (3.3%)	1.00(0.07-15.26)	60	NA	Low	Blinding in 0/1 RCT	Very Low
Retinopathy of prematurity needing reatment	UCM Vs DCC	11/329 (3.3%)	22/331 (6.6%)	0.51 (0.26,1.02)	660	0%	High	Blinding in 2/3 RCTs	Moderate
	i-UCM Vs ICC	7/103 (6.8%)	13/97 (13.4%)	0.51 (0.21,1.21)	200	0%	Low	Blinding in 1/4 RCTs	Low
Bronchopulmonary dysplasia	UCM Vs DCC	75/356 (21%)	68/362 (18.8%)	1.09 (0.82,1.46)	718	0%	High	Blinding in 2/4 RCTs	Moderate
	i-UCM Vs ICC	47/209 (22.5%)	48/210 (22.8%)	0.98 (0.69,1.39)	419	62%	High	Blinding in 2/6 RCTs	Moderate
	c-UCM Vs ICC	1/30 (3.3%)	1/30 (3.3%)	1.00 (0.07-15.26)	60	NA	Low	Blinding in 0/1 RCT	Very Low

		1			1				
Periventricular leukomalacia	i-UCM Vs ICC	2/123 (1.6%)	8/125 (6.4%)	0.30 (0.07,1.19)	248	0%	Low	Blinding in 1/3 RCTs	Low
	c-UCM Vs ICC	1/30 (3.3%)	0/30 (0%)	3.00 (0.13-70.83)	60	NA	Low	Blinding in 0/1 RCT	Very Low
Duration of hospital stay (days)	UCM Vs DCC	43.62	41.77	1.84 (-2.86,6.53)	736	54%	Low	Blinding in 1/3 RCTs	Low
	i-UCM Vs ICC	22.77	22.80	-0.03 (-3.63,3.57)	396	0%	High	Blinding in 2/5 RCTs	Low
Need for blood transfusion	UCM Vs DCC	156/456 (34.2%)	175/466 (37.5%)	0.91 (0.77,1.07)	922	18%	High	Blinding in 2/5 RCTs	Moderate
	i-UCM Vs ICC	41/117 (35%)	75/123 (60.9%)	0.56 (0.43,0.73)	240	73%	Low	Blinding in 0/4 RCTs	Low
	c-UCM Vs ICC	4/40 (10%)	32/40 (80%)	0.13 (0.05-0.32)	80	NA	Low	Blinding in 0/1 RCT	Very Low
Need for blood transfusion in 28 days	i-UCM Vs ICC	34/105 (32.4%)	43/108 (39.8%)	0.85 (0.69,1.04)	213	0%	Low	Blinding in 1/2 RCTs	Low
	c-UCM Vs ICC	3/30 (10%)	6/30 (20%)	0.50 (0.14-1.82)	60	NA	Low	Blinding in 0/1 RCT	Very Low
Number of blood transfusion	UCM Vs DCC	2.73	2.41	0.32 (-0.23,0.87)	564	0%	High	Blinding in 1/3 RCTs	Moderate
	i-UCM Vs ICC	1.04	1.05	-0.01 (-0.15, 0.13)	182	28%	Low	Blinding in 1/4 RCTs	Low
Need for phototherapy	UCM Vs DCC	315/354 (89%)	321/356 (90.2%)	0.99 (0.94,1.04)	710	0%	High	Blinding in 1/3 RCTs	Moderate
	i-UCM Vs ICC	144/190 (75.8%)	129/198 (65.1%)	1.17 (1.04,1.31)	388	85%	Low	Blinding in 2/4 RCTs	Low
	c-UCM Vs ICC	72/140	18/140	4.00 (2.57-6.24)	280	0%	Low	Blinding in 0/2 RCTs	Very Low

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(51%) (13%)	*Blinding	_	clinicians	the	intervention
			(31%) (13%)		

E-Table 3: Sensitivity analysis

L'indic et Selisitivity allarysis		
Item	UCM vs DCC	UCM vs ICC
	RR(95% CI) FEM	RR(95% CI) FEM
Studies with low ROB on allocation concealment		
All-cause mortality	0.93(0.55, 1.55) - 4 studies	1.39 (0.70,2.77) – 7 studies
Severe IVH	1.95 (1.01,3.76) – 4 studies	0.80 (0.43-1.51) 6 studies
Mean gestational age <32 weeks		
All-cause mortality	0.87 (0.49-1.52) - 4 studies	0.90 (0.50-1.60) - 8 studies
Severe IVH	1.95(1.01-3.76) - 4studies	0.73 (0.40-1.35) - 6 studies

E-Table 4: Neonatal outcomes (cut UCM Vs ICC)

RCTs: Comparison of umbilical cord milking vs immediate cord clamping in preterm infants

Outcome	No: of	No: of	RR or MD (95% CI)	P value	I ² value,%
	studies	participants			
All cause mortality	2	260	1.00(0.35,2.90)	1.00	34%
Intraventricular hemorrhage(all grades)	1	80	0.43 (0.12,1.54)	0.19	NA
Intraventricular hemorrhage (grade III or more)	1	60	0.33 (0.01,7.87)	0.50	NA
Necrotizing enterocolitis (stage 2 or more)	1	60	0.50 (0.05,5.22)	0.56	0%
Patent ductus arteriosus needing treatment	1	60	0.40(0.08-1.90)	0.25	NA
Retinopathy of prematurity (all stages)	1	60	1.00 (0.07,15.26)	1.00	NA
Bronchopulmonary dysplasia	1	60	1.00 (0.07,15.26)	1.00	54%
Periventricular leucomalacia	1	60	3.00 (0.13,70.83)	0.50	NA
Need for packed red blood cell transfusion	1	80	0.13 (0.05, 0.32)	< 0.001	NA
Need for pRBC transfusion in 28 days	1	60	0.50(0.14,1.82)	0.29	NA
Need for phototherapy	2	280	4.00(2.57,6.24)	< 0.001	0%

E-Table 5: Ongoing clinical trials

Serial	Study id	Study	Inclusion criteria	Intervention vs control	Institution, country	Primary outcome
no:		design		Sample size		
			UCM Vs I			
1	NCT03731611 ²⁰	Pilot RCT	Preterm < 34 weeks	Intact UCM vs ICC	Mansoura University	Peripheral venous CD34
			with placental	N=90	Children Hospital, Egypt	at admission
			insufficiency			
2	NCT03200301 ²¹	RCT	Preterm <32 weeks	Intact UCM vs ICC	Jubilee Mission Medical	Hemoglobin levels at birth
				N=250	College, Thrissur, India	and IVH in first week of life
3	NCT03023917 ²²	Multicentre	Preterm <34 weeks	Intact UCM vs ICC	Shangai Jiao Tong	Hemoglobin, hematocrit,
		RCT		N=300	university School of Medicine, China	ferritin at birth
4	NCT01666847 ²³	RCT	Preterm 24-27 ^{6/7}	Intact UCM vs ICC	Saint Louis University,	Hemoglobin and
			weeks	N=59	Missoure, United States	hematocrit at birth
5	NCT02043249 ²⁴	RCT	Preterm <37 weeks	UCM vs ICC	Hillel Yaffe Medical	IgG levels in infants at
				N=200	centre, Israel	delivery
6.	NCT01819532 ²⁶	RCT	Preterm <33 weeks	Intact UCM vs ICC	John Hopkins Hospital,	Hemoglobin within 24
				N=22	Baltimore, Maryland,	hours of life
					United States	
7.	CTRI/2017/08/009484 ²⁷	RCT	Neonates > 28weeks	Intact UCM Vs ICC	King George Medical	Hemoglobin and
				N=236	University, Lucknow,	haematocrit at birth and 6
	20				India	weeks.
8	IRCT20180201038586N1 ²⁸	RCT	Preterm 28 - 34	Intact UCM vs ICC	Mashhad University of	Amount of blood
			weeks	N=160	Medical Sciences, Iran	transfused, amount of
			TICA	LIL DOG		bilirubin
	NGT0200 (700 25	D.C.T.		Vs DCC	77' 11 1 1 1	HH :1: 20 1 CH
1	NCT02996799 ²⁵	RCT	Preterm <32 weeks	Intact UCM vs ICC	King AbdulAziz	IVH within 28 days of life
				N=180	University, Jeddah, Saudi Arabia	
2	NCT02187510 ²⁹	RCT	Preterm born by	Intact UCM vs DCC	Corporacio Parc Tauli,	Hb at birth
			LSCS <34 weeks	N=40	Barcelona, Spain	
3	TCTR20150106001 30	RCT	Preterm <34 weeks	Intact UCM vs DCC	Phramongkutklao	Hematocrit within 2 hours
				N=46	hospital, Bangkok	of birth
4	NCT03147846 31	RCT	Preterm 24-35 weeks	Intact UCM vs DCC (45-	Zagazig University, Saudi	HCT at birth

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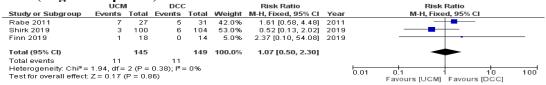
				60sec)	Arabia	
				N=200		
5	NCT02092103 32	RCT	Preterm <34 weeks	Intact UCM vs DCC	Good Samaritan Tri	Hb and HCT at birth
				N=282	Health Hospital,Ohio,	
					United States	
6	ChiCTR1800018366 33	RCT	Preterm neonates	UCM Vs DCC	Suining Central	Cerebral hemodynamics
				N=48	Hospital,Sichuan,China	15 minutes after birth

Search criteria:

The databases were searched using the following keywords and medical subject headings for a) Population: 'Infant, Newborn' OR 'Infant, Premature' OR 'Infant, Low Birth Weight' OR 'Infant, Extremely Low Birth Weight' OR 'Infant, Very Low Birth Weight' OR Infant, Small for Gestational Age' AND b) Intervention: 'Umbilical cord' OR 'Umbilical cord milking' OR 'Placental transfusion' AND c) Randomized Controlled Trial or controlled clinical trial or clinical trial (publication type). No language restrictions were placed. Animal studies were excluded.

E-Figure 1: Neonatal outcomes (UCM Vs DCC)

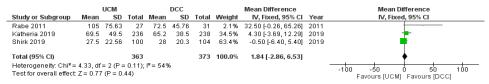
NEC (stage not reported)



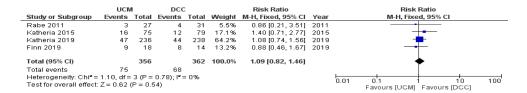
Need for phototherapy

	UCN	Л	DCC	-		Risk Ratio		Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% CI	Year	M-H, Fixed, 95% CI
Shirk 2019	85	100	88	104	26.9%	1.00 [0.89, 1.13]	2019	+
Katheria 2019	215	236	219	238	68.0%	0.99 [0.94, 1.05]	2019	
Finn 2019	15	18	14	14	5.1%	0.84 [0.67, 1.07]	2019	
Total (95% CI)		354		356	100.0%	0.99 [0.94, 1.04]		
Total events	315		321					
Heterogeneity: Chi2 =	1.83, df=	2 (P =	$0.40); I^2 =$	= 0%				02 05 1 2 5
Test for overall effect	: Z = 0.53	(P = 0.6)	(0)					0.2 0.5 1 2 5 Favours (UCM) Favours (DCC)

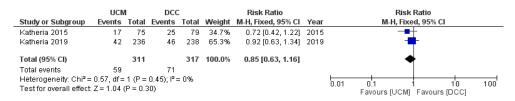
Duration of hospital stay



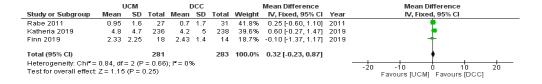
BPD



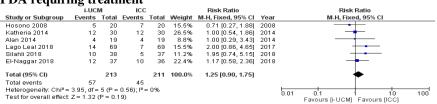
PDA



Number of RBC transfusions



PDA requiring treatment



Definite NEC

	i-UCI	M	ICC			Risk Ratio	Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% CI	M-H, Fixed, 95% CI
Lago Leal 2018	2	69	1	69	4.8%	2.00 [0.19, 21.55]	 -
Li 2018	16	48	21	54	95.2%	0.86 [0.51, 1.44]	-
Total (95% CI)		117		123	100.0%	0.91 [0.55, 1.52]	•
Total events	18		22				
Heterogeneity: Chi² = Test for overall effect:				= 0%			0.01 0.1 10 100 Eavours (i-UCM) Eavours (cc)

Bronchopulmonary dysplasia

			J . I					
	i-UCI	M	ICC			Risk Ratio		Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% CI	Year	M-H, Fixed, 95% CI
Hosono 2008	0	18	4	17	9.5%	0.11 [0.01, 1.82]	2008	+ +
March 2013	9	36	4	39	7.9%	2.44 [0.82, 7.23]	2013	 • • • • • • • • • • • • • • • • • • •
Alan 2014	4	19	6	19	12.3%	0.67 [0.22, 1.99]	2014	·
Katheria 2014	4	30	12	30	24.7%	0.33 [0.12, 0.92]	2014	- _
Lago Leal 2018	16	69	8	69	16.4%	2.00 [0.92, 4.36]	2017	·
El-Naggar 2018	14	37	14	36	29.2%	0.97 [0.54, 1.74]	2018	•
Total (95% CI)		209		210	100.0%	0.98 [0.69, 1.39]		+
Total events	47		48					
Heterogeneity: Chi ² =	13.10, df	= 5 (P:	$= 0.02); 1^{2}$	= 62%				0.01 0.1 10 100
Test for overall effect	Z = 0.12	(P = 0.9)	91)					Eavours (i-LICM) Favours (ICC)

ROP (all stages)

	i-UCI	M	ICC			Risk Ratio		Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% CI	Year	M-H, Fixed, 95% CI
Hosono 2008	6	18	10	17	24.1%	0.57 [0.26, 1.22]	2008	
March 2013	28	36	31	39	69.8%	0.98 [0.77, 1.24]	2013	🗯
Song 2017	0	34	2	32	6.0%	0.19 [0.01, 3.78]	2017	•
Total (95% CI)		88		88	100.0%	0.83 [0.65, 1.07]		•
Total events	34		43					
Heterogeneity: Chi²	= 3.73, df=	2 (P =	0.16); [2:	= 46%				0.01 0.1 1 10 100
Test for overall effect	t: Z = 1.44	(P = 0.1)	15)					Favours (i-UCM) Favours (ICC)

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	i-UC	M	ICC	:		Risk Ratio		Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% CI	Year	M-H, Fixed, 95% CI
Hosono 2008	1	18	2	17	24.4%	0.47 [0.05, 4.74]	2008	
March 2013	1	36	3	39	34.1%	0.36 [0.04, 3.32]	2013	
Lago Leal 2018	0	69	3	69	41.5%	0.14 [0.01, 2.71]	2017	-
Total (95% CI)		123		125	100.0%	0.30 [0.07, 1.19]		
Total events	2		8					
Heterogeneity: Chi*=	0.42, df=	2 (P =	0.81); [2:	= 0%				0.01 0.1 10 100
Test for overall effect	Z = 1.72	(P = 0.0)	09)					0.01 0.1 1 10 100

Number of packed RBC transfusions

	^ i	UCM			ICC			Mean Difference		Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Fixed, 95% CI	Year	IV, Fixed, 95% CI
Hosono 2008	1.7	3	20	4	4.2	20	0.4%	-2.30 [-4.56, -0.04]	2008	
Alan 2014	3.25	1.83	22	3.5	2.09	22	1.4%	-0.25 [-1.41, 0.91]	2014	
Josephsen 2014	2.1	1.9	13	2	1.6	12	1.0%	0.10 [-1.27, 1.47]	2014	
El-Naggar 2018	1	0.3	37	1	0.3	36	97.3%	0.00 [-0.14, 0.14]	2018	-
Total (95% CI)			92			90	100.0%	-0.01 [-0.15, 0.13]		•
Heterogeneity: Chi²=	4.15, df	= 3 (P	= 0.25); I ² = 28	96					-4 -5 b 5 4
Test for overall effect	Z = 0.15	(P=0	0.88)							Favours [i-UCM] Favours [ICC]

Need for phototherapy

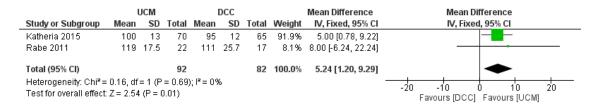
	i-UC	M	ICC			Risk Ratio		Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% CI	Year	M-H, Fixed, 95% CI
March 2013	33	36	38	39	29.0%	0.94 [0.84, 1.05]	2013	
Lago Leal 2018	39	69	24	69	19.1%	1.63 [1.11, 2.38]	2017	
Li 2018	36	48	34	54	25.4%	1.19 [0.92, 1.55]	2018	+
El-Naggar 2018	36	37	33	36	26.6%	1.06 [0.95, 1.19]	2018	
Total (95% CI)		190		198	100.0%	1.17 [1.04, 1.31]		*
Total events	144		129					
Heterogeneity: Chi2=	20.12, df	= 3 (P	= 0.0002); I ² = 8:	5%			02 05 1 2 5
Test for overall effect	Z = 2.59	(P = 0.0)	010)					Favours (I-UCM) Favours (ICC)

Duration of hospital stay

Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Fixed, 95% CI	Year	IV, Fixed, 95% CI
Alan 2014	45.75	14.4	22	51.5	17.28	22	14.6%	-5.75 [-15.15, 3.65]	2014	
Song 2017	54.7	19.3	34	51.5	44.8	32	4.6%	3.20 [-13.62, 20.02]	2017	
Lago Leal 2018	7.86	15.8	69	5.79	11.49	69	60.9%	2.07 [-2.54, 6.68]	2017	- -
Silahli 2018	35.75	18.26	38	39	21.64	37	15.7%	-3.25 [-12.32, 5.82]	2018	
El-Naggar 2018	75.66	37.79	37	77.66	38.6	36	4.2%	-2.00 [-19.53, 15.53]	2018	
Total (95% CI)			200			196	100.0%	-0.03 [-3.63, 3.57]		•
Heterogeneity: Chi ² =	2.89, df	= 4 (P =	0.58);	$I^2 = 0\%$						-20 -10 0 10 20
Test for overall effect	Z = 0.02	P = 0	99)							Favours (i-UCM) Favours (ICC)

E Figure 3: Long term neurodevelopmental outcomes (UCM Vs DCC)

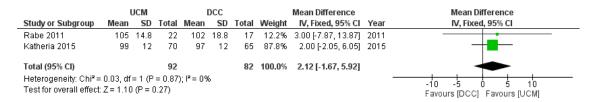
Bayley III cognitive score



Bayley III Language score

		JCM		1	DCC			Mean Difference		Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Fixed, 95% CI	Year	IV, Fixed, 95% CI
Rabe 2011	108	18.3	22	95	21.5	17	12.1%	13.00 [0.24, 25.76]	2011	_ -
Katheria 2015	93	15	70	87	13	65	87.9%	6.00 [1.27, 10.73]	2015	<u> </u>
Total (95% CI)			92			82	100.0%	6.84 [2.41, 11.28]		◆
Heterogeneity: Chi ² = Test for overall effect		,); I = 29	6				_	-50 -25 0 25 50 Favours [DCC] Favours [UCM]

Bayley III Motor score



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