

Ekstraktionstabel Forældre/barn tilknytning

PICO 1

Er der evidens for at hud-mod-hud-kontakt påbegyndt fra barnets første levedøgn har positiv effekt på forældre/barn tilknytning sammenlignet med ingen hud-mod-hud-kontakt?

GA= Gestational age, BW = birth weight, STS=skin-to-skin, KMC= kangaroo mother care, NICU= neonatal intensive care unit, PNA= postnatal age, PMA= postmenstrual age, CA= corrected age

Author and year	Population	Intervention	Control	Outcomes	Experimental - data	Control - data
Mehler 2020 (7) RCT	88 infants randomized to intervention (44) or control (43) Intervention: Mean GA: 29 Mean BW: 1250 g Control: Mean GA: 29 Mean BW: 1170 g Inclusion: GA 25+0 - 32+0. Firstborn, singleton, Exclusion: underlying disease, needed resuscitation, cardiopulmonary failure, maternal mental disorder, lack of german skills	Direct STS: Started approximately 45 minutes after birth and was performed for 60 minutes continuously supervised by the attending neonatologist	Visual Contact: Infants visited their mothers for 5 minutes after initial stabilization. Mothers were allowed to touch but not kiss their infant's face.	The quality of mother-child interaction at infant's corrected age of 6 months: A video was recorded and analyzed. The outcome was analysis of mother/child interaction P=0,041 Depressive symptoms 3rd day of life P=0.003	Mean (SD) 86 (±26) Number of time intervals positive for any response n=6/39 (15%)	Mean (SD) 71 (±32) Number of time intervals positive for any response n=19/42(45%)

Author and year	Population	Intervention	Control	Outcomes	Experimental - data	Control - data
Morelius 2015 (18) RCT	<p>42 infants randomized to intervention (23) Or control (19)</p> <p>Intervention Mean GA: 34 Mean BW: 2468 g</p> <p>Control: Mean GA: 34 Mean BW: 2512 g</p> <p>Inclusion: Healthy mothers, vaginally birth, single preterm 32-35+6. Speak and read Swedish</p> <p>Exclusion: Known malformation</p>	<p>STS: Beginning in delivery room and continuing for 19,6 h/day during first week</p>	<p>Standard care: Both parrents had the opportunity to practice as much skin to skin as they liked: 7 h/day during first week</p>	<p>Parental stress Parental depression (Third outcome) Mothers <i>Ainswoth sensitivity scale</i></p> <p><i>SPSQ (Swedish parenthood stress questionnaire)</i> 1 month corr. age 4 month corr. age</p> <p><i>EPDS (Edinburgh Postnatal Depression Scale)</i> 4 month corr. age Fathers <i>SPSQ 1 month CA</i></p> <p>Spouse relationship problems 1 month CA</p> <p><i>SPSQ 4 month CA</i></p> <p>Spouse relationship problems 4 month P<0,05</p> <p>EPDS 4 month</p>	<p><i>Median (q1-q3)</i></p> <p>2,0 (1,0-4,25)</p> <p>2,3 (2,0-2,6) 2,2 (1,9-2,5)</p> <p>4,0 (1,3-5,75)</p> <p>2,3(2,1-2,5)</p> <p>2,1(1,5-2,5)</p> <p>2,2(2,0-2,5)</p> <p>2,0(1,4-2,0)</p> <p>4,5(2,0-5,25)</p>	<p><i>Median (q1-q3)</i></p> <p>2,5 (1,5-4,0) n.s</p> <p>2,3 (1,9-2,7) n.s 2,5 (1,9-2,9) n.s</p> <p>3,0 (1,0-8,0) n.s</p> <p>2,2(1,9-2,5) n.s.</p> <p>1,8(1,5-2,5) n.s</p> <p>2,2(1,9-2,7) n.s</p> <p>2,6(2,0-3,0)</p> <p>4,5(2,0-6,0) n.s</p>

PICO 2:

Er der evidens for at længerevarende HMH sammenlignet med korterevarende eller ingen HMH har positiv effekt på forældre/barn tilknytning?

Author/year	Population	Intervention	Control	Outcomes	Experimental – data	Control – data
Helmer 2020 (8) RCT	<p>31 infants randomized to intervention (17) or control (14)</p> <p>Intervention: Mean GA: 34 Mean BW: 2480 g</p> <p>Control: Mean GA: 34 Mean BW: 2519 g</p> <p>Inclusion: Swedish speaking healthy women about to give birth to a single preterm infant GA 32 0/7 to 35 6/7</p> <p>Exclusion: infants with congenital malformations.</p>	<p>Continuous STS was defined as beginning in the delivery room and continuing for almost 24 hours a day until discharge. The infant was immediately after birth placed in an upright position on the mother’s chest and stayed there when transferred to the NICU.</p> <p>Hours pr day: day 1-7: > 16,21 Table 2</p>	<p>Intermittent STS was defined as parents having the opportunity to practice as much SSC as they liked. The infant was separated from the mother in the delivery room and transferred to the NICU</p> <p>Hours pr day: day 1-7: <6,97 Table 2</p>	<p>4 month corrected age: <u>Ainsworth maternal sensitivity scale</u> Sensitivity, P=0.98 Interference P=0.68 Availability P=0,83 Acceptance P=0.68</p> <p><u>MSRS-R*</u> Sensitivity P=0.76 Withdrawal P=0.42 Intrusivity P>.99</p> <p>*Maternal sensitivity and Responsitivity Scales</p>	<p><i>Median(q1-q3)</i></p> <p>5.0 (3.0-8.0)</p> <p>6.0 (2.5-7.5)</p> <p>6.0 (3.0-8.5)</p> <p>6.0 (4.0-8.5)</p> <p>3.0 (2.0-4.0)</p> <p>1.0 (1.0-2.0)</p> <p>3.0 (2.0-4.0)</p>	<p><i>Median(q1-q3)</i></p> <p>5.5 (3.0-7.0)</p> <p>5.0 (2.75-6.25)</p> <p>6,0 (3,0-9,0)</p> <p>7.0 (5.0-7.0)</p> <p>3.5 (3.0-4.0)</p> <p>1.5 (1.0-2.0)</p> <p>3.0 (2.0-4.0)</p>

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Morelius 2015 (18) RCT	42 infants randomized to intervention (23) Or control (19) Intervention Mean GA: 34 Mean BW: 2468 g Control: Mean GA: 34 Mean BW: 2512 g Inclusion: Healthy mothers, vaginally birth, single preterm 32-35+6. Speak and read Swedish Exclusion: Known malformation	STS: Beginning in delivery room and continuing for 19,6 h/day during first week	Standard care: Both parrents had the opportunity to practice as much skin to skin as they liked: 7 h/day during first week	Parental stress Mothers Ainsworth sensitivity scale (sensitivity, one month) SPSQ (Swedish parenthood stress questionnaire) 1 month corr. age 4 month corr. age EPDS (Edinburgh Postnatal Depression Scale) 4 month corr. age Fathers SPSQ 1 month CA Spouserelationship problems 1 month CA SPSQ 4 month CA Spouserelationship problems 4 month P<0,05 EPDS 4 month	<i>Median(q1-q3)</i> 2,0 (1,0-4,25) 2,3 (2,0-2,6) 2,2 (1,9-2,5) 4,0 (1,3-5,75) 2,3(2,1-2,5) 2,1(1,5-2,5) 2,2(2,0-2,5) 2,0(1,4-2,0) 4,5(2,0-5,25)	<i>Median(q1-q3)</i> 2,5 (1,5-4,0) n.s 2,3 (1,9-2,7) n.s 2,5 (1,9-2,9) n.s 3,0 (1,0-8,0) n.s 2,2(1,9-2,5) n.s 1,8(1,5-2,5) n.s 2,2(1,9-2,7) n.s 2,6(2,0-3,0) 4,5(2,0-6,0) n.s

