## PCIT-T vs COS-P vs Waitlist RCT

#### Parent outcomes

1. Observed positive parenting: DPICS Labelled Praise (as percentage score of total parent verbalisations)
2. Observed negative parenting: DPICS Negative Talk (as percentage score of total parent verbalisations)
3. Child abuse potential: Brief Child Abuse Potential Inventory (BCAP) (controlling for lie scale)
4. Parenting sensitivity
5. Mentalizing about the child
6. Emotion regulation
7. Parenting stress
8. CCQ - Parenting Self-Efficacy\*
9. CCQ - LSAC Self-Efficacy\*
10. CCQ - Caregiving helplessness
11. CCQ - Harsh Parenting\*
12. CCQ - Parental reflectiveness\*
13. CCQ - Overall rating\*

#### Child outcomes

1. Child social-emotional functioning - #2: Child Devereux Early Childhood Assessment (DECA)
2. Child social-emotional functioning - #1: Brief Infant Toddler Social Emotional Assessment (BITSEA)
3. Emotion regulation maturity (ER)
4. Attachment security (ASQ)
5. Attachment security (SSP)
6. Child Externalising behaviour: Child Behavior Checklist (CBCL/1.5–5)
7. Child Internalising behaviour: Child Behavior Checklist (CBCL/1.5–5)
8. Child Temperament: Fear and shyness subscales of the Early Child Behaviour Questionnaire (ECBQ)
9. Child compliance: DPICS child compliance (as percentage score of total parent effective commands)

#### Potential moderators

* Child ASD risk status (yes/no)
* Total therapy time (mins)
* Maternal mood: baseline Edinburgh Postnatal Depression Scale (EPDS) total score
* Maternal adult attachment style: Experiences in Close Relationships Scale – short form (ECR-S), attachment anxiety & attachment avoidance

### Notes about control variables, for analysis

🡪 Please run all analyses two ways: 1) controlling for ASD, and 2) not controlling for ASD (USE SPSS variable “ASDcase”)

🡪 Please let me know how you think we should control for total therapy time…? (see SPSS variable, “Treatment\_time\_mins”).

* We could control for total therapy time, but there are some missing variables (which I have labelled as missing using 8888=not applicable because dropped out before starting therapy, or 9999=therapy time missing), and of course the WL group did not have any time, so these should all be zero.
* Or, should we just do a comparison of the PCIT-T vs COS-P groups to make sure the total therapy time was roughly equivalent as a preliminary analysis? The only problem is that I predict the COS-P group will have had less therapy time!

#### Parent outcomes

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|  | **Analysis conducted** | **Result** |
| **1. Observed positive parenting: DPICS Labelled Praise (as percentage score of total parent verbalisations)**  🡺 USE variables in SPSS data file labelled:  “PARENT\_LP\_perc\_total\_TIME\_1”  “PARENT\_LP\_perc\_total\_TIME\_2”  “PARENT\_LP\_perc\_total\_TIME\_3” | ✔ | PCIT-T superior rate of improvement |
| **2. Observed negative parenting: DPICS Negative Talk (as percentage score of total parent verbalisations)**  🡺 USE variables in SPSS data file labelled:  PARENT\_NTA\_perc\_total\_TIME\_1  PARENT\_NTA\_perc\_total\_TIME\_2  PARENT\_NTA\_perc\_total\_TIME\_3 | ✔ | PCIT-T superior rate of improvement |
| **3. Child abuse potential: Brief Child Abuse Potential Inventory (BCAP risk score) (controlling for lie scale…?)**  🡪 USE variables in SPSS data file labelled:  preBCAP\_risk  post\_BCAP\_risk  FU\_BCAP\_risk  🡪 Ideally, controlling for the ‘lie scale’ score at each time point…  🡪 for the lie scale, use the following variables:  preBCAP\_LIE  post\_BCAP\_LIE  FU\_BCAP\_LIE | ✔   that lie scale was included as covariate |  |
| **4. Parenting sensitivity**  🡺 USE variables in SPSS data file labelled:  NICHD\_total\_sensitivity  post\_NICHD\_total\_sensitivity  FU\_NICHD\_total\_sensitivity | To do |  |
| **5. Mentalizing about the child**  Still being coded |  |  |
| **6. Emotion regulation - DERS**  SUBSCALES:   1. Nonacceptance: 11, 12, 21, 23, 25, 29 2. Goals: 13, 18, 20R, 26, 33 3. Impulse: 3, 14, 19, 24R, 27, 32 4. Awareness: 2R, 6R, 8R, 10R, 17R, 34R 5. Strategies: 15, 16, 22R, 28, 30, 31, 35, 36 6. Clarity: 1R, 4, 5, 7R, 9   DERS total:   * Sum of the above six subscales | To do |  |
| **7. Parenting stress**  Questionnaire administration errors. Need to make a decision about how to deal with these. |  |  |
| **8. CCQ - Parenting Self-Efficacy\***  **Note. I haven’t replaced missing values for the mean score for these variables:**  🡺 USE variables in SPSS data file labelled:  pre\_CCQ\_A\_TOPSE =  preCCQA1 +  preCCQA2 +  preCCQA3 +  preCCQA4 +  preCCQA5 +  preCCQA6 +  preCCQA7 +  preCCQA8 +  preCCQA9 +  preCCQA10 +  preCCQA11 +  preCCQA12\_R.  post\_CCQ\_A\_TOPSE=  post\_CCQA1 +  post\_CCQA2 +  post\_CCQA3 +  post\_CCQA4 +  post\_CCQA5 +  post\_CCQA6 +  post\_CCQA7 +  post\_CCQA8 +  post\_CCQA9 +  post\_CCQA10 +  post\_CCQA11 +  post\_CCQA12\_R.  FU\_CCQ\_A\_TOPSE=  FU\_CCQA1 +  FU\_CCQA2 +  FU\_CCQA3 +  FU\_CCQA4 +  FU\_CCQA5 +  FU\_CCQA6 +  FU\_CCQA7 +  FU\_CCQA8 +  FU\_CCQA9 +  FU\_CCQA10 +  FU\_CCQA11 +  FU\_CCQA12\_R. | To do  **Note to Nancy:**  **Computed variable for analysis:**  **pre\_CCQ\_A\_TOPSE\_mean**  **post\_CCQ\_A\_TOPSE\_mean**  **fu\_CCQ\_A\_TOPSE\_mean**  **Done** |  |
| **9. CCQ - LSAC Self-Efficacy\***  🡺 USE variables in SPSS data file labelled:  preCCQB1  post\_CCQB1  FU\_CCQB1 | To do |  |
| **10. CCQ - Caregiving helplessness**  Total score may have already been calculated by Nancy? If not, there will be missing item data for some cases, and so missing values need to be replaced with means of the total score  Pre\_CHQ =  preCCQD1 +  preCCQD2 +  preCCQD3 +  preCCQD4 +  preCCQD5 +  preCCQD6 +  preCCQD7 +  Post\_CHQ =  post\_CCQD1  post\_CCQD2  post\_CCQD3  post\_CCQD4  post\_CCQD5  post\_CCQD6  post\_CCQD7  FU\_CHQ =  FU\_CCQD1  FU\_CCQD2  FU\_CCQD3  FU\_CCQD4  FU\_CCQD5  FU\_CCQD6  FU\_CCQD7 | To do  **Note to Nancy:**  **Computed variable for analysis:**  **pre\_CHQD\_mean**  **post\_CHQD\_mean**  **fu\_CHQD\_mean** |  |
| **11. CCQ - Hostile Parenting\***  **Note. I haven’t replaced missing values for the mean score for these variables:**  pre\_CCQ\_C\_LSAC\_H=  preCCQC1 +  preCCQC2 +  preCCQC3 +  preCCQC4 +  preCCQC5  post\_CCQ\_C\_LSAC\_H=  post\_CCQC1 +  post\_CCQC2 +  post\_CCQC3 +  post\_CCQC4 +  post\_CCQC5  FU\_CCQ\_C\_LSAC\_H=  FU\_CCQC1 +  FU\_CCQC2 +  FU\_CCQC3 +  FU\_CCQC4 +  FU\_CCQC5 | To do  **Note to Nancy:**  **Computed variable for analysis:**  **pre\_CCQC\_mean**  **post\_CCQC\_mean**  **fu\_CCQC\_mean** |  |
| **12. CCQ - Parental reflectiveness\***  **Note. I haven’t replaced missing values for the mean score for these variables:**  **Note for reverse scoring (which still needs to be done): all questions were answered as 0,1,2,or 3.**  pre\_CCQ\_E\_Ref\_Fun=  preCCQE1 +  preCCQE2 +  preCCQE3 +  preCCQE4\_R +  preCCQE5 +  preCCQE6 +  preCCQE7 +  preCCQE8 +  preCCQE9\_R +  preCCQE10 +  preCCQE11 +  preCCQE12 +  preCCQE13 +  preCCQE14\_R +  preCCQE15 +  preCCQE16 +  preCCQE17 +  preCCQE18.  post\_CCQ\_E\_Ref\_Fun=  post\_CCQE1 +  post\_CCQE2 +  post\_CCQE3 +  post\_CCQE4\_R +  post\_CCQE5 +  post\_CCQE6 +  post\_CCQE7 +  post\_CCQE8 +  post\_CCQE9\_R +  post\_CCQE10 +  post\_CCQE11 +  post\_CCQE12 +  post\_CCQE13 +  post\_CCQE14\_R +  post\_CCQE15 +  post\_CCQE16 +  post\_CCQE17 +  post\_CCQE18.  FU\_CCQ\_E\_Ref\_Fun=  FU\_CCQE1 +  FU\_CCQE2 +  FU\_CCQE3 +  FU\_CCQE4\_R +  FU\_CCQE5 +  FU\_CCQE6 +  FU\_CCQE7 +  FU\_CCQE8 +  FU\_CCQE9\_R +  FU\_CCQE10 +  FU\_CCQE11 +  FU\_CCQE12 +  FU\_CCQE13 +  FU\_CCQE14\_R +  FU\_CCQE15 +  FU\_CCQE16 +  FU\_CCQE17 +  FU\_CCQE18. | To do  **Note to Nancy:**  **Computed variable for analysis:**  **pre\_CCQe\_mean**  **post\_CCQe\_mean**  **fu\_CCQe\_mean** |  |
| **13. CCQ - Overall rating\***  preCCQF1  post\_CCQF1  FU\_CCQF1 | To do |  |

#### Child outcomes

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|  | **Analysis conducted** | **Result** |
| **1. Child social-emotional functioning - Child Devereux Early Childhood Assessment (DECA)** | ✔ | n.s. |
| **2. BITSEA Problem Scale**  Items 2,3,4,6,7,8,9,11,12,14,16,17,18,21,23,24,26,27,28,30,32,33,34,35,36,37,38,39,40,41,42  **3. BITSEA Competence Scale**  Items 1,5,10,13,15,19,20,22,25,29,31 | To do  Problem DONE  Competence  DONE |  |
| **4. Emotion regulation maturity**  Coding has been completed, Jane to finalise |  |  |
| **5. Attachment security (ASQ)**  Still coding |  |  |
| **6. Attachment security (SSP)**  SSP\_Pre\_three\_way\_secure\_or\_insecure  SSP\_Post\_three\_way\_secure\_or\_insecure  **7. Attachment organization (SSP)**  SSP\_Pre\_four\_way\_organized\_or\_disorganized  SSP\_Post\_four\_way\_organized\_or\_disorganized | To do |  |
| **8. Child Externalising behaviour: Child Behavior Checklist (CBCL/1.5–5)**  Items 5,6,56,59,95,8,15,16,18,20,27,29,35,40,42,44,53,58,66,69,81,85,88,96 | ✔ | n.s. |
| **9. Child Internalising behaviour: Child Behavior Checklist (CBCL/1.5–5)**  Items 21,46,51,79,82,83,92,97,99,10,33,37,43,47,68,87,90,1,7,12,19,24,39,45,52,78,86,93,2,4,23,62,67,70,71,98 | ✔ | n.s. |
| **10. Child Temperament (ECBQ)**  🡪 Jane needs to look into this scale. | ✔ |  |
| **11. Child compliance: DPICS child compliance (as percentage score of total parent effective commands)**  🡺 USE variables in SPSS data file labelled:  TOTAL\_CO\_perc\_TIME\_1  TOTAL\_CO\_perc\_TIME\_2  TOTAL\_CO\_perc\_TIME\_3 | ✔ |  |
| **12. Child positive affect**  🡺 USE variables in SPSS data file labelled:  NICHD\_Child\_Positive\_total  post\_NICHD\_Child\_Positive\_total  FU\_NICHD\_Child\_Positive\_total | To do |  |
| **13. Child negative affect**  🡺 USE variables in SPSS data file labelled:  NICHD\_Child\_Negative\_total\_REVERSED  post\_NICHD\_Child\_Negative\_total\_REVERSED  FU\_NICHD\_Child\_Negative\_total\_REVERSED | To do |  |
| **14. NICHD\_Child\_sociability\_total**  🡺 USE variables in SPSS data file labelled:  NICHD\_Child\_sociability\_total  post\_NICHD\_Child\_sociability\_total  FU\_NICHD\_Child\_sociability\_total | To do |  |
| **15. NICHD\_Child\_attention\_total**  🡺 USE variables in SPSS data file labelled:  NICHD\_Child\_attention\_total  post\_NICHD\_Child\_attention\_total  FU\_NICHD\_Child\_attention\_total | To do |  |
| **16. NICHD\_Child total**  Sum of  NICHD\_Child\_Positive\_total  NICHD\_Child\_Negative\_total\_REVERSED  NICHD\_Child\_sociability\_total  NICHD\_Child\_attention\_total  And same for post and follow-up | To do |  |