**CHILD STUDY**

**REQUEST FOR DATA Date: 17/7/2018\_\_\_\_\_\_\_\_\_\_**

**Please complete fully and submit to Dr. Diana Lefebvre, CHILD Research Manager (**[**lefeb@mcmaster.ca**](mailto:lefeb@mcmaster.ca)**).**

**The request will be reviewed at the National Coordinating Centre, and any queries that arise will be discussed with you. The request will then be forwarded to our Data Manager who will extract the requested data and again we will review this at NCC to ensure it is what you require. The Data Manager may communicate directly with you to clarify your needs.**

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| **1** | ***Person making request:***  Hind Sbihi & Darlene Dai |
| **2** | ***Purpose of request:***  (a) Data for grant application 🞎  (b) Data for QA / QC only 🞎  (c) Data for exploratory analysis 🞎  (d) Data for definitive analysis **⌧** |
| **3** | ***Data requested:***     |  |  |  |  | | --- | --- | --- | --- | | **Event** | **Questionnaire or Data Form** | **Specific questions** | **Justification** | | *e.g., 18 Week Prenatal* | *e.g., Q92HENV18W* | *e.g., Q1,2,3-5.9(indicate whether you want subquestions)* | *Looking at how many child sleep in carpeted bedrooms* | | **Mother Prenatal Medication** | Q95MMED18W |  | Variables needed to update existing mothers’ use of antibiotics during pregnancy | | |  |  | | --- | --- | | |  | | --- | | [**Child Birth Chart Data - General**](https://research.healthdiary.ca/CHILDStudy/Guest/Product.aspx?IDS=5g%2bSxN8v9pGdvtFHuLQACQ%3d%3d) | | | Q107CBIRTHCD |  | Variables needed to update antibiotics use at birth | | |  |  |  | | --- | --- | --- | | [https://research.healthdiary.ca/CHILDStudy/Client_Images/Products/Small/Blank.gif](https://research.healthdiary.ca/CHILDStudy/Guest/Product.aspx?IDS=gUiw2AbAK0vjdc2dl9qUUA%3d%3d) | |  | | --- | | [**Child Medications at Birth**](https://research.healthdiary.ca/CHILDStudy/Guest/Product.aspx?IDS=gUiw2AbAK0vjdc2dl9qUUA%3d%3d) | | | Q213 CMEDBTH |  | Obtain Antibiotics nomenclature and dose | | |  |  |  | | --- | --- | --- | | [https://research.healthdiary.ca/CHILDStudy/Client_Images/Products/Small/Blank.gif](https://research.healthdiary.ca/CHILDStudy/Guest/Product.aspx?IDS=2Fn6awVcSCx7ELjAlwYSxQ%3d%3d) | |  | | --- | | [**Child Health 3 Months - General**](https://research.healthdiary.ca/CHILDStudy/Guest/Product.aspx?IDS=2Fn6awVcSCx7ELjAlwYSxQ%3d%3d) | | | Q233CHLTH3M |  | Variables needed to update antibiotics use at 3M | | [**Child medication 3 months**](https://research.healthdiary.ca/CHILDStudy/Guest/Product.aspx?IDS=ansuTTISJs3RHwCDs6rhwA%3d%3d) | Q148CMED3M |  | Obtain Antibiotics nomenclature and dose | | |  |  |  | | --- | --- | --- | | [https://research.healthdiary.ca/CHILDStudy/Client_Images/Products/Small/Blank.gif](https://research.healthdiary.ca/CHILDStudy/Guest/Product.aspx?IDS=2Fn6awVcSCx7ELjAlwYSxQ%3d%3d) | |  | | --- | | [**Child Health 6 Months - General**](https://research.healthdiary.ca/CHILDStudy/Guest/Product.aspx?IDS=2Fn6awVcSCx7ELjAlwYSxQ%3d%3d) | | | Q234CHLTH6M |  | Variables needed to update antibiotics use at 6M | | |  |  | | --- | --- | | |  | | --- | | [**Child medication 6 months**](https://research.healthdiary.ca/CHILDStudy/Guest/Product.aspx?IDS=ansuTTISJs3RHwCDs6rhwA%3d%3d) | | | Q225CMED6M |  | Obtain Antibiotics nomenclature and dose | | [**Child Health 1 Year - General**](https://research.healthdiary.ca/CHILDStudy/Guest/Product.aspx?IDS=2Fn6awVcSCx7ELjAlwYSxQ%3d%3d) | Q198CHLTH1Y |  | Variables needed to update antibiotics use at 12M | | **Child Medication 1 Year** | Q129CMED1Y |  | Obtain Antibiotics nomenclature | | [**Child Health 18 Months - General**](https://research.healthdiary.ca/CHILDStudy/Guest/Product.aspx?IDS=PebSrBUbwilObrfZSNsZaA%3d%3d) | Q218CHLTH18M |  | Variables needed to update antibiotics use at 18M | | |  |  |  |  | | --- | --- | --- | --- | | **Child Medication 18 Months**   |  | | --- | |  | |  | |  | | | Q189CMED18M |  | Obtain Antibiotics nomenclature | | |  |  | | --- | --- | | |  | | --- | | [**Child Health 2 Years - General**](https://research.healthdiary.ca/CHILDStudy/Guest/Product.aspx?IDS=ewpaIafiIY5AlL5%2bbA2kdw%3d%3d) | | | Q299CHLTH2Y |  | Variables needed to inform antibiotics use by age 2 | | **Child Medication 2 Years** | Q222CMED2Y |  | Obtain Antibiotics nomenclature | | |  |  | | --- | --- | | |  | | --- | | [**Child Health 2.5 Years - General**](https://research.healthdiary.ca/CHILDStudy/Guest/Product.aspx?IDS=Y6vX8%2b1cpga1NAhSUlLtXw%3d%3d) | | | Q302CHLTH2HY |  | Variables needed to inform antibiotics use by 2.5 years of age | | **Child Medication 2.5 Years** | Q304CMED2HY |  | Obtain Antibiotics nomenclature | | [**Child Health 3 Years - General**](https://research.healthdiary.ca/CHILDStudy/Guest/Product.aspx?IDS=ewpaIafiIY5AlL5%2bbA2kdw%3d%3d) | Q377CHLTH3Y |  | Variables needed to inform antibiotics use by 3 years of age | | **Child Medication 3 Years** | Q367CMED3Y |  | Obtain Antibiotics nomenclature | | [**Child Health 4 Years - General**](https://research.healthdiary.ca/CHILDStudy/Guest/Product.aspx?IDS=ewpaIafiIY5AlL5%2bbA2kdw%3d%3d) | Q404CHLTH4Y |  | Variables needed to inform antibiotics use by 4 years of age | | **Child Medication 4 Years** | Q382CMED4Y |  | Obtain Antibiotics nomenclature | | [**Child Health 5 Years - General**](https://research.healthdiary.ca/CHILDStudy/Guest/Product.aspx?IDS=ewpaIafiIY5AlL5%2bbA2kdw%3d%3d) | |  |  |  | | --- | --- | --- | | [https://research.healthdiary.ca/CHILDStudy/Client_Images/Products/Small/Blank.gif](https://research.healthdiary.ca/CHILDStudy/Guest/Product.aspx?IDS=XOFlEbfOx/0/HfipGgnbNw%3d%3d) | |  | | --- | | [Q452CHLTH5Y](https://research.healthdiary.ca/CHILDStudy/Guest/Product.aspx?IDS=XOFlEbfOx%2f0%2fHfipGgnbNw%3d%3d) | | |  | Variables needed to inform antibiotics use by 5 years of age | | |  |  | | --- | --- | | **Child Medication 5 Years**   |  | | --- | |  | | | [Q384CMED5Y](https://research.healthdiary.ca/CHILDStudy/Guest/Product.aspx?IDS=ZmUQut8CW3ejd45cSHRe6w%3d%3d) |  | Obtain Antibiotics nomenclature | |
| **4** | ***Data requested from which sites and cohorts (check all that apply):***  **⌧ Vancouver ⌧ Edmonton ⌧ Winnipeg ⌧ Toronto**  **❑ Vanguard cohort only ⌧ General cohort only ❑ Vanguard + General** |
| **5** | ***Outline of Analysis Plan:***  Cox regression model will be used to analyze the association between antibiotic exposure and events (Atopy + Wheeze, or Asthma), with adjustment for confounders.  Time of event is defined as the diagnosis time from specialist-physician. Follow-up was censored at drop-out from the study, death or end of study period.  Antibiotics exposure is a time varying covariate, which requires the assessment of antibiotics use over time.  Sub-analyses will investigate a dose-response relationship which requires the dose and type of antibiotics received over time |
| **6** | ***Collaborators for this analysis:***  Darlene Dai, Hind Sbihi, Mamun Abdullah, David Patrick, Stuart Turvey & CHILD site leaders and Investigators |
| **7** | ***Intended use of this analysis:***  **Here we need to explain how this work fits within PP91 and**  **how it complements a population-based linked health admin data ecological study**  At population level, ecological trends are found showing attributable risks (Asthma) associated with reduction in Antibiotics use. We plan to use CHILD birth cohort to explore similar observational trends. By using CHILD General cohort, we can increase sample size, the period of observation and adjust for confounders. |
| **8** | ***Has proposal for abstract or paper been submitted to the Publications Committee?***  Yes **⌧**  No 🞎 Not applicable 🞎  ***If Yes, please provide the Publication Proposal number and approval date:***  ***PP#\_93\_\_\_\_ Approval Date: \_\_\_\_21/06/2016\_\_\_\_\_\_\_\_\_\_\_\_\_\_***  ***dd/mm/yyyy*** |
| **9** | ***What format do you want the data in?***  CSV **⌧**  Excel 🞎 |
| **10** | ***Any further details regarding this data request?*** |