**Impact of Hurricanes on Children with Asthma: A Systematic Literature Review**

**Online Appendix**

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Table S1. Detailed Systematic Search Criteria

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| Pubmed/Medline SearchDatabase: Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily Search Dates: 1946 to July 1, 2019 |
| 1 | \*asthma |
| 2 | childhood asthma.mp.  |
| 3 | hurricane.mp. or \*Cyclonic Storms |
| 4 | 1 or 2 |
| 5 | 3 and 4  |
| 6 | limit 5 to (english language and yr="1990 - 2019" and "all child (0 to 18 years)") |

|  |
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| Embase SearchDatabase: Embase <1996 to July 1, 2019>, PsycINFO <1987 to July 1, 2019>Search Strategy:1 \*ASTHMA2 childhood asthma.mp. 3 hurricane.mp. or \*Cyclonic Storms4 1 or 25 3 and 4 6 limit 5 to (english language and yr="1990 - 2019" and "all child (0 to 18 years)") [Limit not valid in Embase,PsycINFO; records were retained] |

SCOPUS Search

Search Strategy:

TITLE-ABS-KEY ( hurricane ) AND TITLE-ABS-KEY ( asthma ) ) ) AND ( ( child ) ) AND ( adolescent ) AND ( LIMIT-TO ( EXACTKEYWORD , "Asthma" ) OR LIMIT-TO ( EXACTKEYWORD , "Child" ) OR LIMIT-TO ( EXACTKEYWORD , "Adolescent" ) OR LIMIT-TO ( EXACTKEYWORD , "Cyclonic Storms" ) ) OR ( TITLE-ABS-KEY ( hurricanes ) AND TITLE-ABS-KEY ( asthma ) AND TITLE-ABS-KEY ( child OR adolescent ) )

|  |
| --- |
| Database: Global Health1 exp hurricanes2 post-disaster.mp. or natural disasters.sh. 3 exp asthma4 limit 3 to (english language and english and yr="1990 -Current")5 1 or 2 6 3 and 57 (child or children or adolescent).mp. [mp=abstract, title, original title, broad terms, heading words, identifiers, cabicodes]8 6 and 79 limit 8 to English language  |