

A Systematic Review of Childhood Diabetes Research in the Middle East Region

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Appendix E – Quantitative Analysis of Collaborative studies.

This table shows the number of collaborative research studies in the Middle East, with studies involving only one country (28 studies) to some that involve many countries, the highest being 7 countries in one of the studies (Figure 5 in the main manuscript). In total, there are 28 studies involving only one country, 8 studies with two countries in collaboration, 4 studies with 3 collaborating countries each, 2 studies with 4 collaborating countries and one study with 7 collaborating countries.

| # | Country | Number of collaborations | Author (year) | Type of study |
|----|--------------|--------------------------|--|-----------------|
| 1 | Middle East | 7 | Habebe et. al. (2012) | Molecular study |
| 2 | Qatar | 1 | Alyafei F. et.al. (2018) | Clinical |
| 3 | Iran | 1 | Aletayeb MA, et.al. 2018 | Clinical |
| 4 | Saudi Arabia | 1 | Al-Ghamdi A.H. et. al. 2018 | Clinical |
| 5 | Saudi Arabia | 1 | Al-Herbish, A.S., et al., 2008 | Clinical |
| 6 | Kuwait | 4 | Shaltout, A.A., et al. 2018 | Clinical |
| 7 | Saudi Arabia | 2 | Damanhour, L.H., et al., 2005 | Clinical |
| 8 | Qatar | 2 | Alyafei, F., et al. 2018 | Clinical |
| 9 | Saudi Arabia | 2 | Al-Jenaidi, F.A., et al. 2005 | Clinical |
| 10 | Saudi Arabia | 1 | Albishi, M.M.A., 2017 | Clinical |

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|----|--------------|---|---|-------------------|
| 11 | Saudi Arabia | 1 | <u>Al-Agha, A., A. 2012</u> | Clinical |
| 12 | UAE | 1 | <u>Punnose, J., et al. 2002</u> | Clinical |
| 13 | UAE | 1 | <u>Punnose, J. et. al. 2005</u> | Clinical |
| 14 | Kuwait | 1 | <u>Moussa, M.A., et al. 2008</u> | Clinical |
| 15 | Egypt | 1 | <u>Ali, B.A., et al. 2013</u> | Clinical |
| 16 | Saudi Arabia | 3 | <u>Habeb AM et. al. 2012</u> | Molecular study |
| 17 | UAE | 3 | <u>Deeb, A., et al. 2016</u> | Molecular study |
| 18 | Iran | 2 | <u>Abbasi, F., et al. 2018</u> | Molecular study |
| 19 | Oman | 2 | <u>Al Senani, A., et al. 2018</u> | Molecular study |
| 20 | Saudi Arabia | 3 | <u>Elkholy, S. and A.A. Lardhi 2015</u> | Literature Search |
| 21 | UAE | 1 | <u>Hussain, T., et al. 2017</u> | Clinical |

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|----|--------------|---|--|-----------------------|
| 22 | UAE | 1 | Asma, D., et al. 2015 | Technology evaluation |
| 23 | Saudi Arabia | 1 | Al-Agha, A.E., et al. 2017 | Technology evaluation |
| 24 | Saudi Arabia | 2 | Alamoudi, R., et al. 2014 | Clinical |
| 25 | Qatar | 1 | Petrovski, G., et al. 2018 | Technology evaluation |
| 26 | Qatar | 1 | Petrovski, G., et al. 2018 | Technology evaluation |
| 27 | Saudi Arabia | 4 | Cherian, M.P., et al. 2010 | Clinical |
| 28 | Saudi Arabia | 1 | Abduljabbar, M.A., et al. 2010 | Clinical |
| 29 | Saudi Arabia | 1 | Habeib, A.M., et al. 2011 | Clinical |
| 30 | Saudi Arabia | 1 | Al-Rubeaan, K., 2015 | Clinical |
| 31 | Kuwait | 1 | Moussa, M.A., et al. 2005 | Clinical |
| 32 | Qatar | 2 | Alyafei, F., et al. 2018 | Clinical |

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|----|--------------|---|---|-----------------|
| 33 | Turkey | 1 | <u>Saruhan-Direskeneli, G., et al. 2000</u> | Molecular study |
| 34 | Bahrain | 3 | <u>Al-Harbi, E.M., et al. 2004</u> | Molecular study |
| 35 | Saudi Arabia | 1 | <u>Al-Hayek, A.A., et al. 2015</u> | Clinical |
| 36 | Kuwait | 1 | <u>Shaltout, A.A., et al. 2016</u> | Clinical |
| 37 | Saudi Arabia | 1 | <u>Satti, S.A. et. al. 2013</u> | Clinical |
| 38 | Saudi Arabia | 1 | <u>Naeem, M.A., et al. 2015</u> | Clinical |
| 39 | Saudi Arabia | 1 | <u>Habib, H.S., 2005</u> | Clinical |
| 40 | Kuwait | 1 | <u>Abdul-Rasoul, M., et al. 2010</u> | Clinical |
| 41 | Saudi Arabia | 1 | <u>Kulaylat, N.A. et. al. 2001</u> | Clinical |
| 42 | Saudi Arabia | 1 | <u>Sayed, M.H., et al. 2017</u> | Clinical |
| 43 | Qatar | 2 | <u>O'Beirne, S.L., et al. 2016</u> | Molecular study |