



**International
Diabetes Federation**
Middle East and North Africa

IDF MENA Region Publications Diabetes and Nutrition

1- Middle EAST and North Africa

Effectiveness of Diabetes Self-Management Educational Programs For Type 2 Diabetes Mellitus Patients In Middle East Countries: A Systematic Review.

Mikhael EM, Hassali MA, Hussain SA. *Diabetes Metab Syndr Obes.* 2020 Jan 13;13:117-138. doi: 10.2147/DMSO.S232958. eCollection 2020.

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

Saraswathi S, Al-Khawaga S, Elkum N, Hussain K. *Front Endocrinol (Lausanne).* 2019 Nov 19;10:805. doi: 10.3389/fendo.2019.00805. eCollection 2019.

Prevalence of Type 2 Diabetes Mellitus Among Men in the Middle East: A Retrospective Study.

Meo SA, Sheikh SA, Sattar K, Akram A, Hassan A, Meo AS, Usmani AM, Qalbani E, Ullah A. *Am J Mens Health.* 2019 May-Jun;13(3):1557988319848577. doi: 10.1177/1557988319848577.

Diabetes in the Middle East: Government Health Care Policies and Strategies that Address the Growing Diabetes Prevalence in the Middle East.

Al Busaidi N, Shanmugam P, Manoharan D. *Curr Diab Rep.* 2019 Feb 4;19(2):8. doi: 10.1007/s11892-019-1125-6.

Stroke in the Middle-East and North Africa: A 2-year prospective observational study of stroke characteristics in the region-Results from the Safe Implementation of Treatments in Stroke (SITS)-Middle-East and North African (MENA).

Rukn SA, Mazya MV, Hentati F, Sassi SB, Nabli F, Said Z, Faouzi B, Hashim H, Abd-Allah F, Mansouri B, Kesraoui S, Gebeily S, Abdulrahman H, Akhtar N, Ahmed N, Wahlgren N, Aref H, Almekhlafi M, Moreira T. *Int J Stroke.* 2019 Oct;14(7):715-722. doi: 10.1177/1747493019830331. Epub 2019 Mar 12. PMID: 30860454 Clinical Trial.

Stroke in the Middle-East and North Africa: A 2-year prospective observational study of intravenous thrombolysis treatment in the region. Results from the SITS-MENA Registry

Al-Rukn S, Mazya M, Akhtar N, Hashim H, Mansouri B, Faouzi B, Aref H, Abdulrahman H, Kesraoui S, Hentati F, Gebelly S, Ahmed N, Wahlgren N, Abd-Allah F, Almekhlafi M, Moreira T. *Int J Stroke.* 2019 Oct 8:1747493019874729. doi: 10.1177/1747493019874729. Online ahead of print. PMID: 31594533.

Impact of diabetes education and self-management on the quality of care for people with type 1 diabetes mellitus in the Middle East (the International Diabetes Mellitus Practices Study, IDMPS).

Gagliardino JJ, Chantelot JM, Domenger C, Ramachandran A, Kaddaha G, Mbanya JC, Shestakova M, Chan J; IDMPS Steering Committee. *Diabetes Res Clin Pract.* 2019 Jan;147:29-36. doi: 10.1016/j.diabres.2018.09.008. Epub 2018 Sep 13. PMID: 30218744.

Epidemiology and determinants of type 2 diabetes in south Asia.

Hills AP, Arena R, Khunti K, Yajnik CS, Jayawardena R, Henry CJ, Street SJ, Soares MJ, Misra A. *Lancet Diabetes Endocrinol.* 2018 Dec;6(12):966-978. doi: 10.1016/S2213-8587(18)30204-3. Epub 2018 Oct 1.

Prevalence of type 2 diabetes, prediabetes, and gestational diabetes mellitus in women of childbearing age in Middle East and North Africa, 2000-2017: protocol for two systematic reviews and meta-analyses.

Al-Rifai RH, et al. Syst Rev. 2018. PMID: 30021654.

Prevalence of type 2 diabetes, prediabetes, and gestational diabetes mellitus in women of childbearing age in Middle East and North Africa, 2000-2017: protocol for two systematic reviews and meta-analyses.

Al-Rifai RH, Aziz F. Syst Rev. 2018 Jul 18;7(1):96. doi: 10.1186/s13643-018-0763-0.

Resource use associated with type 2 diabetes in Africa, the Middle East, South Asia, Eurasia and Turkey: results from the International Diabetes Management Practice Study (IDMPS).

Gagliardino JJ, Atanasov PK, Chan JC, Mbanya JC, Shestakova MV, Leguet-Dinville P, Annemans L. BMJ Open Diabetes Res Care. 2017 Jan 17;5(1):e000297. doi: 10.1136/bmjdr-2016-000297. eCollection 2017.

Trends in obesity and diabetes across Africa from 1980 to 2014: an analysis of pooled population-based studies. NCD Risk Factor Collaboration (NCD-RisC) – Africa Working Group.

Int J Epidemiol. 2017 Oct 1;46(5):1421-1432. doi: 10.1093/ije/dyx078.

Economic development and diabetes prevalence in MENA countries: Egypt and Saudi Arabia comparison. Shalaby Sherif, Bauer E Sumpio.

World J Diabetes. 2015 Mar 15;6(2):304-11. doi: 10.4239/wjd.v6.i2.304.

Diabetes mellitus: The epidemic of the century.

Kharroubi AT, Darwish HM. World J Diabetes. 2015 Jun 25;6(6):850-67. doi: 10.4239/wjd.v6.i6.850.

Diabetes in the Middle-East and North Africa: an update.

Majeed A, El-Sayed AA, Khoja T, Alshamsan R, Millett C, Rawaf S.

Diabetes Res Clin Pract. 2014 Feb;103(2):218-22. doi: 10.1016/j.diabres.2013.11.008. Epub 2013 Dec 1.

<https://pubmed.ncbi.nlm.nih.gov/24300017/>

Diabetes in the Middle East and North Africa.

Zabetian A, Kelli HM, Echouffo-Tcheugui JB, Narayan KM, Ali MK. Diabetes Res Clin Pract. 2013 Aug;101(2):106-22. doi: 10.1016/j.diabres.2013.03.010. Epub 2013 May 1.

Management of Type 2 diabetes in Ramadan: Low-ratio premix insulin working group practical advice.

Hassanein M, Belhadj M, Abdallah K, Bhattacharya AD, Singh AK, Tayeb K, Al-Arouj M, Elghweiry A, Iraqi H, Nazeer M, Jamoussi H, Mnif M, Al-Madani A, Al-Ali H, Ligthelm R. Indian J Endocrinol Metab. 2014 Nov;18(6):794-9. doi: 10.4103/2230-8210.140242.

Expert Opinion: Patient Selection for Premixed Insulin Formulations in DiabetesCare.

Kalra S, Czupryniak L, Kilov G, Lamptey R, Kumar A, Unnikrishnan AG, Boudiba A, Abid M, Akanov ZA, Latheef A, Araz M, Audehm R, Bahendeka S, Balde N, Chaudhary S, Deerochanawong C, Fasanmade O, Iraqi H, Latt TS, Mbanya JC, Rodriguez-Saldana J, Hyun KS, Latif ZA, Lushchik M, Megallaa M, Naseri MW, Bay NQ, Ramaiya K, Randeree H, Raza SA, Shaikh K, Shrestha D, Sobngwi E, Somasundaram N, Sukor N, Tan R. Diabetes Ther. 2018 Dec;9(6):2185-2199. doi: 10.1007/s13300-018-0521-2. Epub 2018 Nov 3.

2- Morocco

Management of diabetes in Morocco: results of the International Diabetes Management Practices Study (IDMPS) - wave 5.

Chadli A, El Aziz S, El Ansari N, Ajdi F, Seqat M, Latrech H, Belmejdoub G. Ther Adv Endocrinol Metab. 2016 Jun;7(3):101-9. doi: 10.1177/2042018816643227. Epub 2016 Apr 13.

[The overweight, the obesity and the glycemic control among diabetics of the provincial reference center of diabetes (CRD), Kenitra, Morocco].

Lotfi Z, Aboussaleh Y, Sbaibi R, Achouri I, Benguedour R. Pan Afr Med J. 2017 Jul 11;27:189. doi: 10.11604/pamj.2017.27.189.9535. eCollection 2017.

The prevalence of painful diabetic neuropathy in 300 Moroccan diabetics.

Chahbi Z, Lahmar B, Hadri SE, Abainou L, Kaddouri S, Qacif H, Baizri H, Zyani M. Pan Afr Med J. 2018 Nov 1;31:158. doi: 10.11604/pamj.2018.31.158.14687. eCollection 2018.

Diagnosis a posteriori? Assessing gestational **diabetes** screening and management in **Morocco**.

Utz B, Assarag B, Essolbi A, Barkat A, Benkaddour YA, De Brouwere V. *Glob Health Action*. 2016 Nov 17;9:32511. doi: 10.3402/gha.v9.32511. eCollection 2016.

Detection and initial management of gestational **diabetes** through primary health care services in **Morocco**: An effectiveness-implementation trial.

Utz B, Assarag B, Smekens T, Ennassiri H, Lekhal T, El Ansari N, Fakhir B, Barkat A, Essolbi A, De Brouwere V. *PLoS One*. 2018 Dec 28;13(12):e0209322. doi: 10.1371/journal.pone.0209322. eCollection 2018.

An ethnobotanical survey of medicinal plants used for **diabetes** treatment in Rabat, **Morocco**.

Skalli S, Hassikou R, Arahou M. *Heliyon*. 2019 Mar 27;5(3):e01421. doi: 10.1016/j.heliyon.2019.e01421. eCollection 2019 Mar.

Integrative herbal treatments of **diabetes** in Beni Mellal region of **Morocco**.

Mrabti HN, Jaradat N, Kachmar MR, Ed-Dra A, Ouahbi A, Cherrah Y, El Abbes Faouzi M. *J Integr Med*. 2019 Mar;17(2):93-99. doi: 10.1016/j.joim.2019.01.001. Epub 2019 Jan 5.

Hypertension and type 2 **diabetes**: a cross-sectional study in **Morocco**(EPIDIAM Study).

Berraho M, El Achhab Y, Benslimane A, El Rhazi K, Chikri M, Nejari C. *Pan Afr Med J*. 2012;11:52. Epub 2012 Mar 20.

Ethnobotanical survey of medicinal plants used in the traditional treatment of **diabetes** in Chtouka Ait Baha and Tiznit (Western Anti-Atlas), **Morocco**.

Barkaoui M, Katiri A, Boubaker H, Msanda F. *J Ethnopharmacol*. 2017 Feb 23;198:338-350. doi: 10.1016/j.jep.2017.01.023. Epub 2017 Jan 19.

Improving detection and initial management of gestational **diabetes** through the primary level of care in **Morocco**: protocol for a cluster randomized controlled trial.

Utz B, Assarag B, Essolbi A, Barkat A, El Ansari N, Fakhir B, Delamou A, De Brouwere V. *Reprod Health*. 2017 Jun 19;14(1):75. doi: 10.1186/s12978-017-0336-z.

Epidemiology of hypertension and its relationship with type 2 **diabetes** and obesity in eastern **Morocco**.

Ziyyat A, Ramdani N, Bouanani Nel H, Vanderpas J, Hassani B, Boutayeb A, Aziz M, Mekhfi H, Bnouham M, Legssyer A. *Springerplus*. 2014 Oct 30;3:644. doi: 10.1186/2193-1801-3-644. eCollection 2014.

Clinical assessment of depression and type 2 **diabetes** in **Morocco**: Economical and social components.

Bensbaa S, Agerd L, Boujraf S, Araab C, Aalouane R, Rammouz I, Ajdi F. *J Neurosci Rural Pract*. 2014 Jul;5(3):250-3. doi: 10.4103/0976-3147.133576.

Short-term effectiveness of a culturally tailored educational intervention on foot self-care among type 2 **diabetes** patients in **Morocco**.

Adarmouch L, Elyacoubi A, Dahmash L, El Ansari N, Sebbani M, Amine M. *J Clin Transl Endocrinol*. 2017 Feb 9;7:54-59. doi: 10.1016/j.jcte.2017.01.002. eCollection 2017 Mar.

Knowledge and practice related to gestational **diabetes** among primary health care providers in **Morocco**: Potential for a defragmentation of care?

Utz B, Assarag B, Essolbi A, Barkat A, Delamou A, De Brouwere V. *Prim Care Diabetes*. 2017 Aug;11(4):389-396. doi: 10.1016/j.pcd.2017.04.005. Epub 2017 May 30.

[Profile of **diabetic** in chronic hemodialysis: a multicenter study in **Morocco**].

Kabbali N, Mikou S, El Pardiya NT, El Bardai G, Arrayhani M, Houssaini TS. *Pan Afr Med J*. 2014 Feb 21;17:125. doi: 10.11604/pamj.2014.17.125.3792. eCollection 2014.

[**Diabetes** in **Morocco**: epidemiologic, clinical, developmental and social aspects].

Bensouda JD, Benabed K, Abdelali S, Benradi F, Hafidi A, Lachkar H, Belkhadir J. *Journ Annu Diabetol Hotel Dieu*. 1981:63-73.

3- Algeria

[Epidemiological Evolution of Type 1 **Diabetes** in Children: Data from the Register of the Department of Oran, **Algeria**, 1973-2017].

Touhami M, Zennaki A, Bouchetara A, Naceur M, Aoui A, Gharnouti M, Latroch C, Bouziane-Nedjadi K, Boudraa G. Rev Epidemiol Sante Publique. 2019 Nov;67(6):369-374. doi: 10.1016/j.respe.2019.08.001. Epub 2019 Oct 20.

Diabetes in Algeria and challenges for health policy: a literature review of prevalence, cost, management and outcomes of diabetes and its complications.

Lamri L, Gripiotis E, Ferrario A. Global Health. 2014 Feb 24;10:11. doi: 10.1186/1744-8603-10-11.

[Comorbidity schizophrenia and **diabetes mellitus** in **Algeria** - A study of risk factors].

Benharrats SS, Bencharif MA. Rev Epidemiol Sante Publique. 2019 May;67(3):189-197. doi: 10.1016/j.respe.2019.02.005. Epub 2019 Apr 17.

Prevalence of **diabetes** and dyslipidemia in hypertensive patients in the area of Blida (**Algeria**).

Bachir Cherif A, Bennouar S, Bouamra A, Taleb A, Hamida F, Temmar M, Bouafia MT. Ann Cardiol Angeiol (Paris). 2018 Jun;67(3):198-203. doi: 10.1016/j.ancard.2018.04.015. Epub 2018 May 10.

Predictive value of non-HDL cholesterol for cardiovascular disease in a population in far western **Algeria** with type 2 **diabetes**.

Kachekouche Y, Dali-Sahi M, Bendaoud R, Dennouni-Medjati N, Abderahim M. Diabetes Metab Syndr. 2019 Jan-Feb;13(1):826-829. doi: 10.1016/j.dsx.2018.12.002. Epub 2018 Dec 10.

Gender discrimination for women with **diabetes mellitus** in **Algeria**.

Chentli F, Azzoug S, Meskine D, El Gradechi A. Indian J Endocrinol Metab. 2014 Nov;18(6):804-10. doi: 10.4103/2230-8210.141351.

A review of Algerian medicinal plants used in the treatment of **diabetes**.

Hamza N, Berke B, Umar A, Cheze C, Gin H, Moore N. J Ethnopharmacol. 2019 Jun 28;238:111841. doi: 10.1016/j.jep.2019.111841. Epub 2019 Apr 5.

Effect of Socioeconomic Factors and Family History on the Incidence of **Diabetes** in an Adult **Diabetic** Population from **Algeria**.

Ferdi NE, Abla K, Chenchouni H. Iran J Public Health. 2016 Dec;45(12):1636-1644.

4- Tunisia

Maturity Onset **Diabetes** of the Young (MODY) in **Tunisia**: Low frequencies of GCK and HNF1A mutations.

Ben Khelifa S, Martinez R, Dandana A, Khochtali I, Ferchichi S, Castaño L. Gene. 2018 Apr 20;651:44-48. doi: 10.1016/j.gene.2018.01.081. Epub 2018 Feb 3.

Epidemiology of Type 2 **Diabetes** in the Greater Maghreb. Example of **Tunisia**. Systematic review of the literature.

Maoui A, Bouzid K, Ben Abdelaziz A, Ben Abdelaziz A. Tunis Med. 2019 Feb;97(2):286-295.

Gut microbiota imbalances in Tunisian participants with type 1 and type 2 **diabetes mellitus**.

Fassatoui M, Lopez-Siles M, Díaz-Rizzolo DA, Jmel H, Naouali C, Abdessalem G, Chikhaoui A, Nadal B, Jamoussi H, Abid A, Gomis R, Abdelhak S, Martinez-Medina M, Kefi R. Biosci Rep. 2019 Jun 18;39(6):BSR20182348. doi: 10.1042/BSR20182348. Print 2019 Jun 28.

Epidemiology of Type 2 **Diabetes** in the Greater Maghreb. Example of **Tunisia**. Systematic review of the literature.

Maoui A, Bouzid K, Ben Abdelaziz A, Ben Abdelaziz A. Tunis Med. 2019 Feb;97(2):286-295.

[Depression and coping strategies in the elderly with type 2 **diabetes**].

Féki I, Turki M, Zitoun I, Sellami R, Baati I, Masmoudi J. *Encephale*. 2019 Sep;45(4):320-326. doi: 10.1016/j.encep.2019.01.005. Epub 2019 Mar 15.

The role of enterovirus infections in type 1 **diabetes** in Tunisia.

Boussaid I, Boumiza A, Zemni R, Chabchoub E, Gueddah L, Slim I, Ben Hadj Slama F. *J Pediatr Endocrinol Metab*. 2017 Nov 27;30(12):1245-1250. doi: 10.1515/jpem-2017-0044.

Prevalence of **diabetes** in Northern African countries: the case of Tunisia.

Ben Romdhane H, Ben Ali S, Aissi W, Traissac P, Aounallah-Skhiri H, Bougatef S, Maire B, Delpeuch F, Achour N. *BMC Public Health*. 2014 Jan 28;14:86. doi: 10.1186/1471-2458-14-86.

[Study of acute inaugural ketosis-prone **diabetes** in a Hospital in Central-Eastern Tunisian].

Taieb A, Cheikh AB, Hasni Y, Maaroufi A, Kacem M, Chaieb M, Ach K. *Pan Afr Med J*. 2018 Oct 23;31:134. doi: 10.11604/pamj.2018.31.134.12207. eCollection 2018.

5- Libya

A cross-sectional study to estimate the point prevalence of painful **diabetic neuropathy** in Eastern Libya.

Garoushi S, Johnson MI, Tashani OA. *BMC Public Health*. 2019 Jan 17;19(1):78. doi: 10.1186/s12889-018-6374-9.

Reasons for admission of individual with **diabetes** to the Tripoli Medical Center in 2015.

Haifa Elhadi A, Faiza H. *Diabetes Metab Syndr*. 2019 Jul-Aug;13(4):2571-2578. doi: 10.1016/j.dsx.2019.07.017. Epub 2019 Jul 9.

Glycaemic control status among type 2 **diabetic** patients and the role of their **diabetes** coping behaviours: a clinic-based study in Tripoli, Libya.

Ashur ST, Shah SA, Bosseri S, Fah TS, Shamsuddin K. *Libyan J Med*. 2016 Mar 21;11:31086. doi: 10.3402/ljm.v11.31086. eCollection 2016.

Translation and cultural adaptation of the Leeds Assessment of Neuropathic Symptoms and Signs (LANSS) pain scale into Arabic for use with patients with **diabetes** in Libya.

Garoushi S, Johnson MI, Tashani OA. *Libyan J Med*. 2017 Dec;12(1):1384288. doi: 10.1080/19932820.2017.1384288.

Prevalence of **diabetes mellitus** and impaired glucose tolerance in Benghazi Libya.

Kadiki OA, Roaeid RB. *Diabetes Metab*. 2001 Dec;27(6):647-54.

Beyond 2020: Modelling obesity and **diabetes** prevalence.

Ampofo AG, Boateng EB. *Diabetes Res Clin Pract*. 2020 Aug 3;167:108362. doi: 10.1016/j.diabres.2020.108362. Online ahead of print.

Illness perceptions of Libyans with T2DM and their influence on medication adherence: a study in a **diabetes** center in Tripoli.

Ashur ST, Shah SA, Bosseri S, Morisky DE, Shamsuddin K. *Libyan J Med*. 2015 Dec 28;10:29797. doi: 10.3402/ljm.v10.29797. eCollection 2015.

Prevalence and complications of **diabetes mellitus** in Northern Africa, a systematic review.

Bos M, Agyemang C. *BMC Public Health*. 2013 Apr 25;13:387. doi: 10.1186/1471-2458-13-387.

Autoimmune thyroid disease in Libyan children and young adults with type 1 **diabetes mellitus**.

Ghawli M, Tonutti E, Abusrewil S, Visentini D, Hadeed I, Miotti V, Pecile P, Morgham A, Tenore A. *Eur J Pediatr*. 2011 Aug;170(8):983-7. doi: 10.1007/s00431-010-1386-1. Epub 2011 Jan 7.

6- Egypt

Prevalence of type 2 **diabetes mellitus** in a sample of the adult population of Alexandria, **Egypt**.

Assaad Khalil SH, Megallaa MH, Rohoma KH, Ismael H, AbouSeif M, Kharboush I, Elkaffash D, Hassanein M, Abdel Wahab MM, Malaty A, Sallam H. *Diabetes Res Clin Pract.* 2018 Oct;144:63-73. doi: 10.1016/j.diabres.2018.07.025. Epub 2018 Jul 26.

New Insights on Obesity and **Diabetes** from Gut Microbiome Alterations in Egyptian Adults.

Salah M, Azab M, Ramadan A, Hanora A. *OMICS.* 2019 Oct;23(10):477-485. doi: 10.1089/omi.2019.0063.

Epidemiology of and Risk Factors for Type 2 **Diabetes** in **Egypt**.

Hegazi R, El-Gamal M, Abdel-Hady N, Hamdy O. *Ann Glob Health.* 2015 Nov-Dec;81(6):814-20. doi: 10.1016/j.aogh.2015.12.011.

7- Sudan

Assessment of glycemic control in type 2 **diabetes** in the Eastern **Sudan**.

Omar SM, Musa IR, Osman OE, Adam I. *BMC Res Notes.* 2018 Jun 8;11(1):373. doi: 10.1186/s13104-018-3480-9.

Comparison of serum lipid profile in type 2 **diabetes** with and without adequate **diabetes** control in Sudanese population in north of **Sudan**.

Awadalla H, Noor SK, Elmadhoun WM, Bushara SO, Almobarak AO, Sulaiman AA, Ahmed MH. *Diabetes Metab Syndr.* 2018 Nov;12(6):961-964. doi: 10.1016/j.dsx.2018.06.004. Epub 2018 Jun 6.

Economic and social impact of **diabetes mellitus** in a low-income country: A case-control study in **Sudan**.

Elrayah-Eliadarous HA, Östenson CG, Eltom M, Johansson P, Sparring V, Wahlström R. *J Diabetes.* 2017 Dec;9(12):1082-1090. doi: 10.1111/1753-0407.12540. Epub 2017 May 4.

Increasing prevalence of type 2 **diabetes mellitus** and impact of ethnicity in north **Sudan**.

Eltom MA, Babiker Mohamed AH, Elrayah-Eliadarous H, Yassin K, Noor SK, Elmadhoun WM, Ahmed MH. *Diabetes Res Clin Pract.* 2018 Feb;136:93-99. doi: 10.1016/j.diabres.2017.11.034. Epub 2017 Dec 2.

Knowledge and practice of **diabetic** foot care in **Sudan**: A cross sectional survey.

Ahmed SA, Badi S, Tahir H, Ahmed MH, Almobarak AO. *Diabetes Metab Syndr.* 2019 Jul-Aug;13(4):2431-2435. doi: 10.1016/j.dsx.2019.06.016. Epub 2019 Jun 13.

The association between hypoglycemia and hospital use, food insufficiency, and unstable housing conditions: a cross-sectional study among patients with type 2 **diabetes** in **Sudan**.

Mirghani HO. *BMC Res Notes.* 2019 Feb 28;12(1):108. doi: 10.1186/s13104-019-4145-z.

Inauguration of another pyramid: the **Sudan** Childhood **Diabetes** Center.

Salih MAM, Swar MO. *Sudan J Paediatr.* 2019;19(2):77-80. doi: 10.24911/SJP.106-1576648349.

Economic Impact of **Diabetes** in Africa.

Mapa-Tassou C, Katte JC, Mba Maadjhou C, Mbanya JC. *Curr Diab Rep.* 2019 Jan 24;19(2):5. doi: 10.1007/s11892-019-1124-7.

Prevalence of **diabetes mellitus** and its risk factors in urban communities of north **Sudan**: Population-based study.

Elmadhoun WM, Noor SK, Ibrahim AA, Bushara SO, Ahmed MH. *J Diabetes.* 2016 Nov;8(6):839-846. doi: 10.1111/1753-0407.12364. Epub 2016 Feb 24.

Increasing prevalence of type 2 **diabetes mellitus** and impact of ethnicity in north **Sudan**.

Eltom MA, Babiker Mohamed AH, Elrayah-Eliadarous H, Yassin K, Noor SK, Elmadhoun WM, Ahmed MH. *Diabetes Res Clin Pract.* 2018 Feb;136:93-99. doi: 10.1016/j.diabres.2017.11.034. Epub 2017 Dec 2.

Predictors of Glucose Control in Children and Adolescents with Type 1 **Diabetes**: Results of a Cross-Sectional Study in Khartoum, **Sudan**.

Taha Z, Eltoum Z, Washi S. Open Access Maced J Med Sci. 2018 Nov 10;6(11):2035-2039. doi: 10.3889/oamjms.2018.423. eCollection 2018 Nov 25.

Knowledge and practice of **diabetic** foot care in **Sudan**: A cross sectional survey.

Ahmed SA, Badi S, Tahir H, Ahmed MH, Almobarak AO. Diabetes Metab Syndr. 2019 Jul-Aug;13(4):2431-2435. doi: 10.1016/j.dsx.2019.06.016. Epub 2019 Jun 13.

8- Lebanon

Knowledge and practice of patients with **diabetes mellitus** in **Lebanon**: a cross-sectional study.

Karaoui LR, Deeb ME, Nasser L, Hallit S. BMC Public Health. 2018 Apr 20;18(1):525. doi: 10.1186/s12889-018-5416-7.

Diabetes and depression in **Lebanon** and association with glycemic control: a cross-sectional study.

Ahmadieh H, Itani H, Itani S, Sidani K, Kassem M, Farhat K, Jbeily M, Itani A. Diabetes Metab Syndr Obes. 2018 Nov 8;11:717-728. doi: 10.2147/DMSO.S179153. eCollection 2018.

Prevalence and clinical characteristics of **diabetes mellitus** in **Lebanon**: a national survey.

Bou-Orm I, Adib S. East Mediterr Health J. 2020 Feb 24;26(2):182-188. doi: 10.26719/2020.26.2.182.

Management and control of type 2 **diabetes mellitus** in **Lebanon**: Results from the International **Diabetes** Management Practices Study Wave 6.

Ahmadieh H, Sawaya MT, Azar ST. World J Diabetes. 2019 Apr 15;10(4):249-259. doi: 10.4239/wjd.v10.i4.249.

Predictors of **Diabetes** Fatalism Among Arabs: A Cross-Sectional Study of Lebanese Adults with Type 2 **Diabetes**.

Sukkarieh-Haraty O, Egede LE, Abi Kharma J, Bassil M. J Relig Health. 2018 Jun;57(3):858-868. doi: 10.1007/s10943-017-0430-0.

Prevalence, correlates and management of type 2 **diabetes mellitus** in **Lebanon**: findings from a national population-based study.

Costanian C, Bennett K, Hwalla N, Assaad S, Sibai AM. Diabetes Res Clin Pract. 2014 Sep;105(3):408-15. doi: 10.1016/j.diabres.2014.06.005. Epub 2014 Jun 23.

Psychometric properties of the Arabic version of the 12-item **diabetes** fatalism scale.

Sukkarieh-Haraty O, Egede LE, Abi Kharma J, Bassil M. PLoS One. 2018 Jan 11;13(1):e0190719. doi: 10.1371/journal.pone.0190719. eCollection 2018.

Non-nutritive sweeteners and type 2 **diabetes**: Should we ring the bell?

Daher MI, Matta JM, Abdel Nour AM. Diabetes Res Clin Pract. 2019 Sep;155:107786. doi: 10.1016/j.diabres.2019.107786. Epub 2019 Jul 19.

PREVALENCE OF **DIABETES** IN GREATER BEIRUT AREA: WORSENING OVER TIME.

Nasrallah MP, Nakhoul NF, Nasreddine L, Mouneimne Y, Abiad MG, Ismaeel H, Tamim H. Endocr Pract. 2017 Sep;23(9):1091-1100. doi: 10.4158/EP171876.OR. Epub 2017 Jul 6.

Diabetes or war? Incidence of and indications for limb amputation in **Lebanon**, 2007.

Yaghi K, Yaghi Y, McDonald AA, Yadegarfar G, Cecil E, Seidl J, Dubois E, Rawaf S, Majeed A. East Mediterr Health J. 2012 Dec;18(12):1178-86.

Management and control of patients with type 2 diabetes mellitus in Lebanon: results from the International Diabetes Management Practices Study (**IDMPS**).

Azar ST, Malha LP, Zantout MS, Naja M, Younes F, Sawaya MT. J Med Liban. 2013 Jul-Sep;61(3):127-31. doi: 10.12816/0001439.

Diabetes and depression in Lebanon and association with glycemic control: a cross-sectional study.

Ahmadi H, Itani H, Itani S, Sidani K, Kassem M, Farhat K, Jbeily M, Itani A. Diabetes Metab Syndr Obes. 2018 Nov 8;11:717-728. doi: 10.2147/DMSO.S179153. eCollection 2018.

9- Jordan

Clinical and biochemical features at diagnosis of type 1 diabetes in patients between 0 and 18 years of age from Jordan.

Odeh R, Alassaf A, Ajlouni K. Pediatr Diabetes. 2018 Jun;19(4):707-712. doi: 10.1111/pedi.12625. Epub 2017 Dec 27.

Diabetes Risk Score in a Young Student Population in Jordan: A Cross-Sectional Study.

Al-Shudifat AE, Al-Shdaifat A, Al-Abdouh AA, Aburoman MI, Otoum SM, Sweedan AG, Khrais I, Abdel-Hafez IH, Johannessen A. J Diabetes Res. 2017;2017:8290710. doi: 10.1155/2017/8290710. Epub 2017 Apr 29.

Time trends in diabetes mellitus in Jordan between 1994 and 2017.

Ajlouni K, Batieha A, Jaddou H, Khader Y, Abdo N, El-Khateeb M, Hyassat D, Al-Louzi D. Diabet Med. 2019 Sep;36(9):1176-1182. doi: 10.1111/dme.13894. Epub 2019 Jan 25.

Prevalence and Associates of Foot Deformities among Patients with Diabetes in Jordan.

Ababneh A, Bakri FG, Khader Y, Lazzarini P, Ajlouni K. Curr Diabetes Rev. 2020;16(5):471-482. doi: 10.2174/1573399815666191001101910.

Diabetes mellitus in two genetically distinct populations in Jordan. A Comparison between Arabs and Circassians/Chechens Living with Diabetes.

Al-Eitan LN, Nassar AM, Dajani RB, Almomani BA, Saadeh NA. Saudi Med J. 2017 Feb;38(2):163-169. doi: 10.15537/smj.2017.2.17910.

Diabetes Risk Score in a Young Student Population in Jordan: A Cross-Sectional Study.

Al-Shudifat AE, Al-Shdaifat A, Al-Abdouh AA, Aburoman MI, Otoum SM, Sweedan AG, Khrais I, Abdel-Hafez IH, Johannessen A. J Diabetes Res. 2017;2017:8290710. doi: 10.1155/2017/8290710. Epub 2017 Apr 29.

The performance of anthropometric measures to predict diabetes mellitus and hypertension among adults in Jordan.

Khader Y, Batieha A, Jaddou H, El-Khateeb M, Ajlouni K. BMC Public Health. 2019 Oct 29;19(1):1416. doi: 10.1186/s12889-019-7801-2.

Ten-year Diabetes Risk Forecast in the Capital of Jordan: Arab Diabetes Risk Assessment Questionnaire Perspective-A Strobe-Complaint Article.

Alghadir A, Alghwiri AA, Awad H, Anwer S. Medicine (Baltimore). 2016 Mar;95(12):e3181. doi: 10.1097/MD.0000000000003181.

Plants used for the treatment of diabetes in Jordan: a review of scientific evidence.

Al-Aboudi A, Afifi FU. Pharm Biol. 2011 Mar;49(3):221-39. doi: 10.3109/13880209.2010.501802. Epub 2010 Oct 28.

An increase in prevalence of diabetes mellitus in Jordan over 10 years.

Ajlouni K, Khader YS, Batieha A, Ajlouni H, El-Khateeb M. J Diabetes Complications. 2008 Sep-Oct;22(5):317-24. doi: 10.1016/j.jdiacomp.2007.01.004. Epub 2008 Apr 16.

Permanent neonatal **diabetes mellitus** in **Jordan**.

Abujbara MA, Liswi MI, El-Khateeb MS, Flanagan SE, Ellard S, Ajlouni KM.J Pediatr Endocrinol Metab. 2014 Sep;27(9-10):879-83. doi: 10.1515/jpem-2014-0069.

10- **Palestine**

Medication adherence by **Palestine** refugees living in Jordan who have **diabetes**: a cross-sectional study.

Canali G, Tittle V, Seita A.Lancet. 2018 Feb 21;391 Suppl 2:S13. doi: 10.1016/S0140-6736(18)30379-9. Epub 2018 Feb 21.

Model to improve cardiometabolic risk factors in Palestine refugees with **diabetes mellitus** attending UNRWA health centers.

Abu Kishk N, Shahin Y, Mitri J, Turki Y, Zeidan W, Seita A.BMJ Open Diabetes Res Care. 2019 Aug 18;7(1):e000624. doi: 10.1136/bmjdr-2018-000624. eCollection 2019.

Diabetes care in refugee camps: the experience of UNRWA.

Shahin Y, Kapur A, Seita A.Diabetes Res Clin Pract. 2015 Apr;108(1):1-6. doi: 10.1016/j.diabres.2015.01.035. Epub 2015 Jan 31.

Association of dietary patterns with **diabetes** complications among type 2 **diabetes** patients in Gaza Strip, **Palestine**: a cross sectional study.

El Bilbeisi AH, Hosseini S, Djafarian K.J Health Popul Nutr. 2017 Nov 15;36(1):37. doi: 10.1186/s41043-017-0115-z.

Mobile care teams improve metabolic control for adults with Type II **diabetes** in the Southern West Bank, **Palestine**.

Al-Halaweh AA, Almdal T, O'Rourke N, Davidovitch N.Diabetes Metab Syndr. 2019 Jan-Feb;13(1):782-785. doi: 10.1016/j.dsx.2018.11.066. Epub 2018 Dec 1.

Model to improve cardiometabolic risk factors in **Palestine** refugees with **diabetes mellitus** attending UNRWA health centers.

Abu Kishk N, Shahin Y, Mitri J, Turki Y, Zeidan W, Seita A.BMJ Open Diabetes Res Care. 2019 Aug 18;7(1):e000624. doi: 10.1136/bmjdr-2018-000624. eCollection 2019.

The Association between Physical Activity and the Metabolic Syndrome among Type 2 **Diabetes** Patients in Gaza Strip, **Palestine**.

El Bilbeisi AH, Hosseini S, Djafarian K.Ethiop J Health Sci. 2017 May;27(3):273-282. doi: 10.4314/ejhs.v27i3.9.

Common FTO rs9939609 variant and risk of type 2 **diabetes** in **Palestine**.

Sabarneh A, Erekat S, Cauchi S, AbuShamma O, Abdelhafez M, Ibrahim M, Nasereddin A.BMC Med Genet. 2018 Aug 31;19(1):156. doi: 10.1186/s12881-018-0668-8.

Self-Perceived Health Status and Sense of Coherence in Children With Type 1 **Diabetes** in the West Bank, **Palestine**.

Elissa K, Bratt EL, Axelsson ÅB, Khatib S, Sparud-Lundin C.J Transcult Nurs. 2020 Mar;31(2):153-161. doi: 10.1177/1043659619854509. Epub 2019 Jun 11.

Prevalence of **Diabetic** Nephropathy and associated risk factors among type 2 **diabetes mellitus** patients in Ramallah, **Palestine**.

Shahwan MJ, Gacem SA, Zaidi SK.Diabetes Metab Syndr. 2019 Mar-Apr;13(2):1491-1496. doi: 10.1016/j.dsx.2019.02.017. Epub 2019 Feb 14.

Dietary Patterns and Metabolic Syndrome among Type 2 **Diabetes** Patients in Gaza Strip, **Palestine**.

El Bilbeisi AH, Hosseini S, Djafarian K.Ethiop J Health Sci. 2017 May;27(3):227-238. doi: 10.4314/ejhs.v27i3.4.

11- **Syria**

Delivering a primary-level non-communicable disease programme for Syrian refugees and the host population in Jordan: a descriptive costing study.

Ansbro É, Garry S, Karir V, Reddy A, Jobanputra K, Fardous T, Sadique Z. Health Policy Plan. 2020 Jul 4;:czaa050. doi: 10.1093/heapol/czaa050. Online ahead of print. PMID: 32621490.

The Management of **Diabetes** in Conflict Settings: Focus on the Syrian Crisis.

Khan Y, Albache N, Almasri I, Gabbay RA. Diabetes Spectr. 2019 Aug;32(3):264-269. doi: 10.2337/ds18-0070.

Cardiovascular Disease among Syrian refugees: a descriptive study of patients in two Médecins Sans Frontières clinics in northern Lebanon.

Boulle P, Sibourd-Baudry A, Ansbro É, Prieto Merino D, Saleh N, Zeidan RK, Perel P. Confl Health. 2019 Aug 9;13:37. doi: 10.1186/s13031-019-0217-x. eCollection 2019.

Diabetic foot and disaster; risk factors for amputation during the Syrian crisis.

Aziz ARA, Alsabek MB. J Diabetes Complications. 2020 Feb;34(2):107493. doi: 10.1016/j.jdiacomp.2019.107493. Epub 2019 Nov 26. PMID: 31801697.

Lessons learned in the provision NCD primary care to Syrian refugee and host communities in Lebanon: the need to 'act locally and think globally'.

Sibai AM, Najem Kteily M, Barazi R, Chartouni M, Ghanem M, Afifi RA. J Public Health (Oxf). 2020 Aug 18;42(3):e361-e368. doi: 10.1093/pubmed/fdz096. PMID: 31763670.

12- Saudi Arabia

Incidence and prevalence rates of **diabetes mellitus** in Saudi Arabia: An overview.

Alotaibi A, Perry L, Gholizadeh L, Al-Ganmi A. J Epidemiol Glob Health. 2017 Dec;7(4):211-218. doi: 10.1016/j.jegh.2017.10.001. Epub 2017 Oct 7.

Prevalence and future prediction of type 2 **diabetes mellitus** in the **Kingdom of Saudi Arabia**: A systematic review of published studies.

Meo SA. J Pak Med Assoc. 2016 Jun;66(6):722-5.

Type 2 **Diabetes Mellitus** in **Saudi Arabia**: Major Challenges and Possible Solutions.

Robert AA, Al Dawish MA, Braham R, Musallam MA, Al Hayek AA, Al Kahtany NH. Curr Diabetes Rev. 2017;13(1):59-64. doi: 10.2174/1573399812666160126142605.

Microvascular complications among patients with **diabetes**: An emerging health problem in **Saudi Arabia**.

Alwin Robert A, Al Dawish MA. Diab Vasc Dis Res. 2019 May;16(3):227-235. doi: 10.1177/1479164118820714. Epub 2019 Jan 1.

Diabetes Mellitus in **Saudi Arabia**: A Review of the Recent Literature.

Al Dawish MA, Robert AA, Braham R, Al Hayek AA, Al Saeed A, Ahmed RA, Al Sabaan FS. Curr Diabetes Rev. 2016;12(4):359-368. doi: 10.2174/1573399811666150724095130.

The Worrying Trend of **Diabetes Mellitus** in **Saudi Arabia**: An Urgent Call to Action.

Robert AA, Al Dawish MA. Curr Diabetes Rev. 2020;16(3):204-210. doi: 10.2174/1573399815666190531093735.

Prevalence and future prediction of type 2 **diabetes mellitus** in the Kingdom of **Saudi Arabia**: A systematic review of published studies.

Meo SA. J Pak Med Assoc. 2016 Jun;66(6):722-5.

The Referral System between Primary and Secondary Health Care in **Saudi Arabia** for Patients with Type 2 **Diabetes**: A Systematic Review.

Senitan M, Alhaiti AH, Gillespie J, Alotaibi BF, Lenon GB. J Diabetes Res. 2017;2017:4183604. doi: 10.1155/2017/4183604. Epub 2017 May 29.

National rates of emergency department visits associated with **diabetes** in **Saudi Arabia**, 2011-2015.

Almalki ZS, Albassam AA, Alnakhli MA, Alnusyan MF, Alanazi FN, Alqurashi MS. Ann Saudi Med. 2019 Mar-Apr;39(2):71-76. doi: 10.5144/0256-4947.2019.71.

Quality of **Diabetes** Management in **Saudi Arabia**: A Review of Existing Barriers.

Almutairi KM. Arch Iran Med. 2015 Dec;18(12):816-21.

Celiac disease in type 1 **diabetes mellitus** in the Kingdom of **Saudi Arabia**. Characterization and meta-analysis.

Safi MA. Saudi Med J. 2019 Jul;40(7):647-656. doi: 10.15537/smj.2019.7.24293.

Obesity and public health in the **Kingdom** of **Saudi Arabia**.

DeNicola E, Aburizaiza OS, Siddique A, Khwaja H, Carpenter DO. Rev Environ Health. 2015;30(3):191-205. doi: 10.1515/reveh-2015-0008.

Lifestyle factors and macro- and micro-vascular complications among people with type 2 **diabetes** in **Saudi Arabia**.

Alramadan MJ, Magliano DJ, Alhamrani HA, Alramadan AJ, Alameer SM, Amin GM, Alkharras WA, Bayaseh NA, Billah B. Diabetes Metab Syndr. 2019 Jan-Feb;13(1):484-491. doi: 10.1016/j.dsx.2018.11.007. Epub 2018 Nov 3.

Knowledge and awareness of **diabetes mellitus** and its risk factors in **Saudi Arabia**.

Alanazi FK, Alotaibi JS, Paliadelis P, Alqarawi N, Alsharari A, Albagawi B. Saudi Med J. 2018 Oct;39(10):981-989. doi: 10.15537/smj.2018.10.22938.

Prevalence of Prediabetes, **Diabetes**, and Its Associated Risk Factors among Males in **Saudi Arabia**: A Population-Based Survey.

Aldossari KK, Aldiab A, Al-Zahrani JM, Al-Ghamdi SH, Abdelrazik M, Batais MA, Javad S, Nooruddin S, Razzak HA, El-Metwally A. J Diabetes Res. 2018 Apr 24;2018:2194604. doi: 10.1155/2018/2194604. eCollection 2018.

Prevalence of Prediabetes, **Diabetes** and Its Predictors among Females in Alkharj, **Saudi Arabia**: A Cross-Sectional Study.

Al-Zahrani JM, Aldiab A, Aldossari KK, Al-Ghamdi S, Batais MA, Javad S, Nooruddin S, Zahid N, Razzak HA, El-Metwally A. Ann Glob Health. 2019 Jul 22;85(1):109. doi: 10.5334/aogh.2467.

Association of health literacy and self-management practices and psychological factor among patients with type 2 **diabetes mellitus** in **Saudi Arabia**.

Almigbal TH, Almutairi KM, Vinluan JM, Batais MA, Alodhayani A, Alanazi WB, Sheshah E, Alhoqail RI. Saudi Med J. 2019 Nov;40(11):1158-1166. doi: 10.15537/smj.2019.11.24585.

Are children and adolescents with type 1 **diabetes** in **Saudi Arabia** safe at school?

Alaqeel AA. Saudi Med J. 2019 Oct;40(10):1019-1026. doi: 10.15537/smj.2019.10.24582.

Diabetes knowledge and its association with the weight status among residents of Jeddah City, **Saudi Arabia**.

Kutbi HA, Mosli HH, Alhasan AH, Mosli RH. Nutr Diabetes. 2018 Sep 7;8(1):48. doi: 10.1038/s41387-018-0055-8.

Diabetes and driving recommendations among healthcare providers in **Saudi Arabia**. A significant gap that requires action.

Batais MA, Alamri AK, Alghammass MA, Alzamil OA, Almutairi BA, Al-Maflehi N, Almigbal TH. Saudi Med J. 2018 Apr;39(4):386-394. doi: 10.15537/smj.2018.4.22179.

Polypharmacy among patients with **diabetes**: a cross-sectional retrospective study in a tertiary hospital in **Saudi Arabia**.

Alwhaibi M, Balkhi B, Alhawassi TM, Alkofide H, Alduhaim N, Alabdulali R, Drweesh H, Sambamoorthi U. BMJ Open. 2018 May 24;8(5):e020852. doi: 10.1136/bmjopen-2017-020852.

13- Iraq

Epidemiology of type 1 **diabetes mellitus** in Basrah, Southern **Iraq**: A retrospective study.

Almahfoodh D, Alabood M, Alali A, Mansour A. *Diabetes Res Clin Pract.* 2017 Nov;133:104-108. doi: 10.1016/j.diabres.2017.09.001. Epub 2017 Sep 5.

Acute Stroke in **Diabetes Mellitus**: A Prospective Observational Study Evaluating the Course and Short-Term Outcome in Basrah, Southern Iraq.

Altemimi MT, Hashim AR. *Cureus.* 2019 Oct 28;11(10):e6017. doi: 10.7759/cureus.6017.PMID: 31824785.

Burden of non-communicable diseases in Iraq after the 2003 war.

Hussain AM, Lafta RK. *Saudi Med J.* 2019 Jan;40(1):72-78. doi: 10.15537/smj.2019.1.23463.

Self-management knowledge and practice of type 2 **diabetes mellitus** patients in Baghdad, Iraq: a qualitative study.

Mikhael EM, Hassali MA, Hussain SA, Shawky N. *Diabetes Metab Syndr Obes.* 2018 Dec 17;12:1-17. doi: 10.2147/DMSO.S183776. eCollection 2019.

Validity and reliability of anti-**diabetic** medication adherence scale among patients with **diabetes** in Baghdad, Iraq: a pilot study.

Mikhael EM, Hussain SA, Shawky N, Hassali MA. *BMJ Open Diabetes Res Care.* 2019 Jul 8;7(1):e000658. doi: 10.1136/bmjdr-2019-000658. eCollection 2019.

Diabetes screening in Basrah, Iraq: a population-based cross-sectional study.

Mansour AA, Wanoose HL, Hani I, Abed-Alzahrea A, Wanoose HL. *Diabetes Res Clin Pract.* 2008 Jan;79(1):147-50. doi: 10.1016/j.diabres.2007.07.016. Epub 2007 Sep 4.

[Ethnic and cultural aspects of type 2 **diabetes**].

Bennet L. *Lakartidningen.* 2018 Feb 20;115:EWPF.

Role of Social Media in **Diabetes** Management in the Middle East Region: Systematic Review.

Alanzi T. *J Med Internet Res.* 2018 Feb 13;20(2):e58. doi: 10.2196/jmir.9190.

Factors influencing nurses' knowledge acquisition of **diabetes** care and its management: A qualitative study.

Alotaibi A, Gholizadeh L, Al-Ganmi AHA, Perry LJ. *Clin Nurs.* 2018 Dec;27(23-24):4340-4352. doi: 10.1111/jocn.14544. Epub 2018 Jul 23.

Predictors of incident **diabetes mellitus** in Basrah, Iraq.

Mansour AA, Al-Jazairi MI. *Ann Nutr Metab.* 2007;51(3):277-80. doi: 10.1159/000105449. Epub 2007 Jul 9.

14- Kuwait

Human Leukocyte Antigen (HLA) and Islet Autoantibodies Are Tools to Characterize Type 1 **Diabetes** in Arab Countries: Emphasis on **Kuwait**.

Jahromi M, Al-Ozairi E. *Dis Markers.* 2019 Nov 20;2019:9786078. doi: 10.1155/2019/9786078. eCollection 2019.PMID: 31827651.

Associations of adiposity and parental **diabetes** with prediabetes among adolescents in **Kuwait**: A cross-sectional study.

Almari M, Alsaedi S, Mohammad A, Ziyab AH. *Pediatr Diabetes.* 2018 Dec;19(8):1362-1369. doi: 10.1111/pedi.12780. Epub 2018 Oct 11.PMID: 30255624.

Assessment of **Diabetes** Knowledge Among Renal Transplant Recipients With Posttransplant **Diabetes Mellitus**: **Kuwait** Experience.

Othman N, Gheith O, Al-Otaibi T, Mahmoud T, Al-Refaei F, Mahmoud F, Abduo H, Nampoory N, Halim MA, Najeb A. *Exp Clin Transplant.* 2019 Jan;17(Suppl 1):277-285. doi: 10.6002/ect.MESOT2018.P126.PMID: 30777574.

Diabetes-Related Knowledge and Preventative Practices Among Government Employees with **Diabetes** in **Kuwait**.

Abdulsalam AJ, Al-Daihani AE, Francis K.Sultan Qaboos Univ Med J. 2017 Nov;17(4):e444-e451. doi: 10.18295/squmj.2017.17.04.011. Epub 2018 Jan 10.PMID: 29372087.

Knowledge, attitudes, behaviours and practices towards **diabetes mellitus** in **Kuwait**.

Carballo M, Mohammad A, Maclean EC, Khatoun N, Waheedi M, Abraham S.East Mediterr Health J. 2019 Jan 23;24(11):1098-1102. doi: 10.26719/2018.24.11.1098.PMID: 30701525.

Anemia in **diabetes**: Experience of a single treatment center in **Kuwait**.

Alsayegh F, Waheedi M, Bayoud T, Al Hubail A, Al-Refaei F, Sharma P.Prim Care Diabetes. 2017 Aug;11(4):383-388. doi: 10.1016/j.pcd.2017.04.002. Epub 2017 May 1.PMID: 28473191.

Pharmacists' Attitudes and Role in **Diabetes** Management in **Kuwait**.

Al Haqan AA, Al-Taweel DM, Awad A, Wake DJ.Med Princ Pract. 2017;26(3):273-279. doi: 10.1159/000456088. Epub 2017 Jan 18.PMID: 28114146.

Prevalence of health literacy and its correlates among patients with type II **diabetes** in **Kuwait**: A population based study.

Hussein SH, Almajran A, Albatineh AN.Diabetes Res Clin Pract. 2018 Jul;141:118-125. doi: 10.1016/j.diabres.2018.04.033. Epub 2018 May 3.PMID: 29729374.

The prevalence of pre-**diabetes** and **diabetes** in the Kuwaiti adult population in 2014.

Alkandari A, Longenecker JC, Barengo NC, Alkhatib A, Weiderpass E, Al-Wotayan R, Al Duwairi Q, Tuomilehto J.Diabetes Res Clin Pract. 2018 Oct;144:213-223. doi: 10.1016/j.diabres.2018.08.016. Epub 2018 Sep 1.PMID: 30179683.

Fasting in Ramadan with type 1 **diabetes**: A dose adjustment for normal eating workshop in **Kuwait**.

Alsaeed D, Al-Kandari J, Al-Ozairi E.Health Soc Care Community. 2019 Nov;27(6):1421-1429. doi: 10.1111/hsc.12801. Epub 2019 Jul 23.PMID: 31338906.

15-Qatar

Prevalence of newly detected **diabetes** in pregnancy in **Qatar**, using universal screening.

Bashir M, E Abdel-Rahman M, Aboufotouh M, Eltaher F, Omar K, Babarinsa I, Appiah-Sakyi K, Sharaf T, Azzam E, Abukhalil M, Boumedjane M, Yousif W, Ahmed W, Khan S, C Konje J, Abou-Samra AB.PLoS One. 2018 Aug 3;13(8):e0201247. doi: 10.1371/journal.pone.0201247. eCollection 2018.

General aspects of **diabetes mellitus**.

Alam U, Asghar O, Azmi S, Malik RA.Handb Clin Neurol. 2014;126:211-22. doi: 10.1016/B978-0-444-53480-4.00015-1.

Incidence of type 1 and type 2 **diabetes**, between 2012-2016, among children and adolescents in **Qatar**.

Alyafei F, Soliman A, Alkhalaf F, Sabt A, De Sanctis V, Waseef R, Elsayed N.Acta Biomed. 2018 May 23;89(S5):7-10. doi: 10.23750/abm.v89iS4.7360.

Diabetes care in **Qatar**: a survey of pharmacists' activities, attitudes and knowledge.

El Hajj MS, Abu Yousef SE, Basri MA.Int J Clin Pharm. 2018 Feb;40(1):84-93. doi: 10.1007/s11096-017-0562-z. Epub 2017 Nov 17.

Type 1 and Type 2 **diabetes** in children and adolescents: a public health problem in **Qatar**. The experience of Pediatric **Diabetes** Center at Hamad General Hospital (HGH) of Doha.

De Sanctis V.Acta Biomed. 2018 May 23;89(S5):5-6. doi: 10.23750/abm.v89iS4.7355.

Association of low serum magnesium with **diabetes** and hypertension: Findings from **Qatar** Biobank study.

Shi Z, Abou-Samra AB.Diabetes Res Clin Pract. 2019 Dec;158:107903. doi: 10.1016/j.diabres.2019.107903. Epub 2019 Oct 31.

Harnessing **Qatar** Biobank to understand type 2 **diabetes** and obesity in adult Qataris from the First **Qatar** Biobank Project.

Ullah E, Mall R, Rawi R, Moustaid-Moussa N, Butt AA, Bensmail H.J Transl Med. 2018 Apr 12;16(1):99. doi: 10.1186/s12967-018-1472-0.

Impact of a Collaborative Pharmaceutical Care Service Among Patients With **Diabetes** in an Ambulatory Care Setting in **Qatar**: A Multiple Time Series Study.

Abdulrhim SH, Saleh RA, Mohamed Hussain MA, Al Raey H, Babiker AH, Kheir N, Awaisu A. Value Health Reg Issues. 2019 Sep;19:45-50. doi: 10.1016/j.vhri.2018.12.002. Epub 2019 Mar 13.

Predictions Burden of **Diabetes** and Economics Cost: Contributing Risk Factors of Changing Disease Prevalence and its Pandemic Impact to **Qatar**.

Bener A, Al-Hamaq AO. Exp Clin Endocrinol Diabetes. 2016 Sep;124(8):504-511. doi: 10.1055/s-0042-103683. Epub 2016 Mar 29.

Assessing prevalence of and barriers to medication adherence in patients with uncontrolled **diabetes** attending primary healthcare clinics in **Qatar**.

Jaam M, Mohamed Ibrahim MI, Kheir N, Hadi MA, Diab MI, Awaisu A. Prim Care Diabetes. 2018 Apr;12(2):116-125. doi: 10.1016/j.pcd.2017.11.001. Epub 2017 Nov 21.

16- Bahrein

Type 2 **diabetes** and healthcare resource utilisation in the Kingdom of **Bahrain**.

Salman RA, AlSayyad AS, Ludwig C. BMC Health Serv Res. 2019 Dec 5;19(1):939. doi: 10.1186/s12913-019-4795-5. PMID: 31805932.

Diabetes mellitus in **Bahrain**: an overview.

Musaiger AO. Diabet Med. 1992 Jul;9(6):574-8. doi: 10.1111/j.1464-5491.1992.tb01842.x.

Cultural variations in attitudes towards family risk of **diabetes**.

Whitford DL, Al-Sabbagh M. Diabetes Res Clin Pract. 2010 Nov;90(2):173-81. doi: 10.1016/j.diabres.2010.08.018. Epub 2010 Sep 15.

The use of complementary and alternative medicine by patients with **diabetesmellitus** in **Bahrain**: a cross-sectional study.

Khalaf AJ, Whitford DL. BMC Complement Altern Med. 2010 Jul 14;10:35. doi: 10.1186/1472-6882-10-35.

Prevalence and risk factors of albuminuria in Type 2 **diabetes** in **Bahrain**.

Al-Salman RA, Al-Basri HA, Al-Sayyad AS, Hearnshaw HM. J Endocrinol Invest. 2009 Oct;32(9):746-51. doi: 10.1007/BF03346530.

Diabetic neuropathy, foot ulceration, peripheral vascular disease and potential risk factors among patients with **diabetes** in **Bahrain**: a nationwide primary care **diabetes** clinic-based study.

Al-Mahroos F, Al-Roomi K. Ann Saudi Med. 2007 Jan-Feb;27(1):25-31. doi: 10.5144/0256-4947.2007.25.

Incidence of gestational **diabetes mellitus** in **Bahrain** from 2002 to 2010.

Rajab KE, Issa AA, Hasan ZA, Rajab E, Jaradat AA. Int J Gynaecol Obstet. 2012 Apr;117(1):74-7. doi: 10.1016/j.ijgo.2011.11.013. Epub 2012 Jan 20.

17- United Arab Emirates

Epidemiology of **Diabetes Mellitus** in the **United Arab Emirates**.

Razzak HA, Harbi A, Shelpai W, Qawas A. Curr Diabetes Rev. 2018;14(6):542-549. doi: 10.2174/1573399813666170920152913.

Evaluating the costs of glycemic response with canagliflozin versus dapagliflozin and empagliflozin as add-on to metformin in patients with type 2 **diabetesmellitus** in the **United Arab Emirates**.

Schubert A, Buchholt AT, El Khoury AC, Kamal A, Taieb V. *Curr Med Res Opin.* 2017 Jun;33(6):1155-1163. doi: 10.1080/03007995.2017.1310091. Epub 2017 Apr 28.

High prevalence of **diabetes** among migrants in the **United Arab Emirates** using a cross-sectional survey.

Sulaiman N, Albadawi S, Abusnana S, Mairghani M, Hussein A, Al Awadi F, Madani A, Zimmet P, Shaw J. *Sci Rep.* 2018 May 1;8(1):6862. doi: 10.1038/s41598-018-24312-3.

Knowledge of **diabetes** among patients in the **United Arab Emirates** and trends since 2001: a study using the Michigan **Diabetes** Knowledge Test.

Hashim MJ, Mustafa H, Ali H. *East Mediterr Health J.* 2017 Jan 23;22(10):742-748. doi: 10.26719/2016.22.10.742.

Challenges in the management of Type 2 **Diabetes** among native women in the **United Arab Emirates**.

Abuelmagd W, Afandi B, Håkonsen H, Khmidi S, Toverud EL. *Diabetes Res Clin Pract.* 2018 Aug;142:56-62. doi: 10.1016/j.diabres.2018.04.018. Epub 2018 Apr 16.

Glycemic and lipids control in patients with **diabetes** and cardiovascular or renal diseases across all the government health sectors in the Emirate of Dubai, **United Arab Emirates**.

Rashid F, Abdelgadir E, Alsaeed M, Alemadi B, Khalifa A, Farooqi MH, Alawadi F, Bashier A. *Diabetes Metab Syndr.* 2019 Jan-Feb;13(1):590-594. doi: 10.1016/j.dsx.2018.11.013. Epub 2018 Nov 9.

Improving adherence to medication in adults with **diabetes** in the **United Arab Emirates**.

Al-Haj Mohd MMM, Phung H, Sun J, Morisky DE. *BMC Public Health.* 2016 Aug 24;16(1):857. doi: 10.1186/s12889-016-3492-0.

Hypoglycaemia Among Insulin-Treated Patients with **Diabetes**: Evaluation of the **United Arab Emirates** cohort of the International Operations-Hypoglycaemia Assessment Tool study.

Abusnana S, Beshyah SA, Al-Mutawa N, Tahhan R, Jallo M, Arora R, Aly H, Singhal S. *Sultan Qaboos Univ Med J.* 2018 Nov;18(4):e447-e454. doi: 10.18295/squmj.2018.18.04.004. Epub 2019 Mar 28.

Prevalence of **Diabetes** among Migrant Women and Duration of Residence in the **United Arab Emirates**: A Cross Sectional Study.

Shah SM, Ali R, Loney T, Aziz F, ElBarazi I, Al Dhaheri S, Farooqi MH, Blair I. *PLoS One.* 2017 Jan 18;12(1):e0169949. doi: 10.1371/journal.pone.0169949. eCollection 2017.

Gestational weight gain and gestational **diabetes** among Emirati and **Arab** women in the **United Arab Emirates**: results from the MISC cohort.

Hashim M, Radwan H, Hasan H, Obaid RS, Al Ghazal H, Al Hilali M, Rayess R, Chehayber N, Mohamed HJJ, Naja F. *BMC Pregnancy Childbirth.* 2019 Dec 3;19(1):463. doi: 10.1186/s12884-019-2621-z.

Genetic Associations With Diabetic Retinopathy and Coronary Artery Disease in Emirati Patients With Type-2 **Diabetes Mellitus**.

Azzam SK, Osman WM, Lee S, Khalaf K, Khandoker AH, Almahmeed W, Jelinek HF, Al Safar HS. *Front Endocrinol (Lausanne).* 2019 May 3;10:283. doi: 10.3389/fendo.2019.00283. eCollection 2019.

18- Oman

Care providers' perceptions towards challenges and opportunities for service improvement at **diabetes** management clinics in public primary health care in Muscat, **Oman**: a qualitative study.

Al-Alawi K, Al Mandhari A, Johansson H. *BMC Health Serv Res.* 2019 Jan 8;19(1):18. doi: 10.1186/s12913-019-3866-y.

Type 2 **diabetes** in the sultanate of **Oman**.

Al-Shookri A, Khor GL, Chan YM, Loke SC, Al-Maskari M. *Malays J Nutr.* 2011 Apr;17(1):129-41.

Are the resources adoptive for conducting team-based **diabetes** management clinics? An explorative study at primary health care centers in Muscat, **Oman**.

Al-Alawi K, Johansson H, Al Mandhari A, Norberg M. Prim Health Care Res Dev. 2019 Jan;20:e3. doi: 10.1017/S1463423618000282. Epub 2018 May 8.

Trends in the Risk for Cardiovascular Disease among Adults with **Diabetes in Oman**.

Al-Lawati J, Morsi M, Al-Riyami A, Mabry R, El-Sayed M, El-Aty MA, Al-Lawati H. Sultan Qaboos Univ Med J. 2015 Feb;15(1):e39-45. Epub 2015 Jan 21.

Study protocol for "MOVEdiabetes": a trial to promote physical activity for adults with type 2 **diabetes** in primary health care in **Oman**.

Alghafri TS, Alharthi SM, Al-Farsi YM, Craigie AM, Mcleod M, Anderson AS. BMC Public Health. 2017 Jan 6;17(1):28. doi: 10.1186/s12889-016-3990-0.

Epidemiology of **Diabetes Mellitus** in **Oman**: Results from two decades of research.

Al-Lawati JA, Panduranga P, Al-Shaikh HA, Morsi M, Mohsin N, Khandekar RB, Al-Lawati HJ, Bayoumi RA. Sultan Qaboos Univ Med J. 2015 May;15(2):e226-33. Epub 2015 May 28.

Correlates of physical activity and sitting time in adults with type 2 **diabetes** attending primary health care in **Oman**.

Alghafri TS, Alharthi SM, Al-Farsi Y, Bannerman E, Craigie AM, Anderson AS. BMC Public Health. 2017 Aug 1;18(1):85. doi: 10.1186/s12889-017-4643-7.

Diabetes risk score in **Oman**: a tool to identify prevalent type 2 **diabetes** among Arabs of the Middle East.

Al-Lawati JA, Tuomilehto J. Diabetes Res Clin Pract. 2007 Sep;77(3):438-44. doi: 10.1016/j.diabres.2007.01.013. Epub 2007 Feb 15.

Diabetes in **Oman**.

Al-Riyami AA, Afifi MM, Morsi MM. Saudi Med J. 2005 Jun;26(6):1015-7.

19- Iran

Diabetes Care in **Iran**: Where We Stand and Where We Are Headed.

Noshad S, Afarideh M, Heidari B, Mechanick JI, Esteghamati A. Ann Glob Health. 2015 Nov-Dec;81(6):839-50. doi: 10.1016/j.aogh.2015.10.003.

Burden of **diabetes** in **Iran**: how will it be affected by lifting of the economic sanctions?

Larijani B. Lancet Diabetes Endocrinol. 2016 Oct;4(10):810-1. doi: 10.1016/S2213-8587(16)30191-7. Epub 2016 Aug 12.

Family history of **diabetes** and the risk of gestational **diabetes mellitus** in **Iran**: A systematic review and meta-analysis.

Moosazadeh M, Asemi Z, Lankarani KB, Tabrizi R, Maharlouei N, Naghibzadeh-Tahami A, Yousefzadeh G, Sadeghi R, Khatibi SR, Afshari M, Khodadost M, Akbari M. Diabetes Metab Syndr. 2017 Nov;11 Suppl 1:S99-S104. doi: 10.1016/j.dsx.2016.12.016. Epub 2016 Dec 13.

Diabetes management challenges in **Iran**: A qualitative content analysis.

Molayaghobi NS, Abazari P, Taleghani F, Iraj B. J Nurs Manag. 2019 Sep;27(6):1091-1097. doi: 10.1111/jonm.12777. Epub 2019 May 14.

Persian **Diabetes** Self-Management Education (PDSME) program: evaluation of effectiveness in **Iran**.

Shakibazadeh E, Bartholomew LK, Rashidian A, Larijani B. Health Promot Int. 2016 Sep;31(3):623-34. doi: 10.1093/heapro/dav006. Epub 2015 Mar 11.

Comparison of anthropometric indices (body mass index, waist circumference, waist to hip ratio and waist to height ratio) in predicting risk of type II **diabetes** in the population of Yazd, **Iran**.

Mirzaei M, Khajeh M. Diabetes Metab Syndr. 2018 Sep;12(5):677-682. doi: 10.1016/j.dsx.2018.04.026. Epub 2018 Apr 13.

The role of illness schemata in self-care behaviors and glycemic control among patients with type 2 diabetes in Iran.

Shibayama T, Tanha S, Abe Y, Haginoya H, Rajab A, Hidaka K. Prim Care Diabetes. 2019 Oct;13(5):474-480. doi: 10.1016/j.pcd.2019.03.002. Epub 2019 Mar 27.

Childhood onset type 1 diabetes at a tertiary hospital in south-western Iran during 2000-2015: Rapid increase in admissions and high prevalence of DKA at diagnosis.

Aminzadeh M, Navidi N, Valavi E, Aletayeb SMH. Prim Care Diabetes. 2019 Feb;13(1):43-48. doi: 10.1016/j.pcd.2018.07.013. Epub 2018 Aug 23.

High Incidence of Diabetes Mellitus Among a Middle-Aged Population in Iran: A Longitudinal Study.

Ebrahimi H, Emamian MH, Hashemi H, Fotouhi A. Can J Diabetes. 2016 Dec;40(6):570-575. doi: 10.1016/j.jcjd.2016.05.012. Epub 2016 Jul 28.

Diabetes Care in Iran: Where We Stand and Where We Are Headed.

Noshad S, Afarideh M, Heidari B, Mechanick JI, Esteghamati A. Ann Glob Health. 2015 Nov-Dec;81(6):839-50. doi: 10.1016/j.aogh.2015.10.003. PMID: 27108151.

Burden of diabetes in Iran: how will it be affected by lifting of the economic sanctions?

Larijani B. Lancet Diabetes Endocrinol. 2016 Oct;4(10):810-1. doi: 10.1016/S2213-8587(16)30191-7. Epub 2016 Aug 12. PMID: 27527914 Review.

Diabetes management challenges in Iran: A qualitative content analysis.

Molayaghobi NS, Abazari P, Taleghani F, Iraj B. J Nurs Manag. 2019 Sep;27(6):1091-1097. doi: 10.1111/jonm.12777. Epub 2019 May 14. PMID: 30951212.

Family history of diabetes and the risk of gestational diabetes mellitus in Iran: A systematic review and meta-analysis.

Moosazadeh M, Asemi Z, Lankarani KB, Tabrizi R, Maharlouei N, Naghibzadeh-Tahami A, Yousefzadeh G, Sadeghi R, Khatibi SR, Afshari M, Khodadost M, Akbari M. Diabetes Metab Syndr. 2017 Nov;11 Suppl 1:S99-S104. doi: 10.1016/j.dsx.2016.12.016. Epub 2016 Dec 13.

Overcoming diabetes-related stigma in Iran: A participatory action research.

Doosti-Irani M, Abdoli S, Parvizy S, Fatemi NS. Appl Nurs Res. 2017 Aug;36:115-121. doi: 10.1016/j.apnr.2017.06.008. Epub 2017 Jun 11.

Diabetes in Iran: Prospective Analysis from First Nationwide Diabetes Report of National Program for Prevention and Control of Diabetes (NPPCD-2016).

Esteghamati A, Larijani B, Aghajani MH, Ghaemi F, Kermanchi J, Shahrami A, Saadat M, Esfahani EN, Ganji M, Noshad S, Khajeh E, Ghajar A, Heidari B, Afarideh M, Mechanick JI, Ismail-Beigi F. Sci Rep. 2017 Oct 18;7(1):13461. doi: 10.1038/s41598-017-13379-z.

20- Afghanistan

Diabetes Mellitus Among Adults in Herat, Afghanistan: A Cross-Sectional Study.

Islam Saeed KM. Cent Asian J Glob Health. 2017 Aug 25;6(1):271. doi: 10.5195/cajgh.2017.271. eCollection 2017.

Anxiety and Depression among Hypertensive Outpatients in Afghanistan: A Cross-Sectional Study in Andkhoy City.

Hamrah MS, Hamrah MH, Ishii H, Suzuki S, Hamrah MH, Hamrah AE, Dahi AE, Takeshita K, Yisireyili M, Hamrah MH, Fotouhi A, Sakamoto J, Murohara T. Int J Hypertens. 2018 Aug 1;2018:8560835. doi: 10.1155/2018/8560835. eCollection 2018.

Melioidosis in South Asia (India, Nepal, Pakistan, Bhutan and Afghanistan).

Mukhopadhyay C, Shaw T, Varghese GM, Dance DAB. Trop Med Infect Dis. 2018 May 22;3(2):51. doi: 10.3390/tropicalmed3020051.

Challenges of Transport and Resuscitation of a Patient With Severe Acidosis and Hypothermia in **Afghanistan**.
Brazeau MJ, Bolduc CA, Delmonaco BL, Syed AS.J Spec Oper Med. 2018 Spring;18(1):23-28.

Consensus Recommendations on GLP-1 RA Use in the Management of Type 2 **Diabetes Mellitus**: South Asian Task Force.

Kalra S, Das AK, Sahay RK, Baruah MP, Tiwaskar M, Das S, Chatterjee S, Saboo B, Bantwal G, Bhattacharya S, Priya G, Chawla M, Brar K, Raza SA, Aamir AH, Shrestha D, Somasundaram N, Katulanda P, Afsana F, Selim S, Naseri MW, Latheef A, Sumanatilleke M.Diabetes Ther. 2019 Oct;10(5):1645-1717. doi: 10.1007/s13300-019-0669-4. Epub 2019 Jul 29.

Association between Helicobacter pylori Infection and Cardiovascular Risk Factors among Patients in the Northern Part of **Afghanistan**: a Cross-Sectional Study in Andkhoy City.

Hamrah MS, Hamrah MH, Ishii H, Suzuki S, Hamrah MH, Hamrah AE, Dahi AE, Takeshita K, Hamrah MH, Fotouhi A, Sakamoto J, Murohara T.Asian Pac J Cancer Prev. 2018 Apr 25;19(4):1035-1039. doi: 10.22034/APJCP.2018.19.4.1035.

Ethnic differences in incidence of type 1 **diabetes** among second-generation immigrants and adoptees from abroad.

Ji J, Hemminki K, Sundquist J, Sundquist K.J Clin Endocrinol Metab. 2010 Feb;95(2):847-50. doi: 10.1210/jc.2009-1818. Epub 2009 Dec 18.

The Economic Costs of Cardiovascular Disease, **Diabetes Mellitus**, and Associated Complications in South Asia: A Systematic Review.

Walker IF, Garbe F, Wright J, Newell I, Athiraman N, Khan N, Elsej H.Value Health Reg Issues. 2018 May;15:12-26. doi: 10.1016/j.vhri.2017.05.003. Epub 2017 Jul 3.

Prehospital airway procedures performed in trauma patients by ground forces in **Afghanistan**.

Blackburn MB, April MD, Brown DJ, DeLorenzo RA, Ryan KL, Blackburn AN, Schauer SG.J Trauma Acute Care Surg. 2018 Jul;85(1S Suppl 2):S154-S160. doi: 10.1097/TA.0000000000001866.

21- Pakistan

Prevalence Of **Diabetic** Complications In Newly Diagnosed Type 2 **Diabetes** Patients In **Pakistan**: Findings From National Registry.

Uddin F, Ali B, Junaid N.J Ayub Med Coll Abbottabad. 2018 Oct-Dec;30(Suppl 1)(4):S652-S658.

Type 2 **diabetes mellitus** in **Pakistan**: Current prevalence and future forecast.

Meo SA, Zia I, Bukhari IA, Arain SA.J Pak Med Assoc. 2016 Dec;66(12):1637-1642.

Prevalence of undiagnosed type 2 **diabetes mellitus** in **Pakistan**: Results of screen-**diabetes** disease registry.

Mehmood K, Junaid N.J Pak Med Assoc. 2018 Aug;68(8):1171-1178.

Effect of **diabetic** counseling based on conversation map as compared to routine counseling on **diabetes** management self-efficacy and **diabetic** distress among patients with **diabetes** in **Pakistan**: a randomized controlled trial (study protocol).

Qasim R, Masih S, Hussain M, Ali A, Khan A, Shah Y, Shah H, Yousafzai MT.BMC Public Health. 2019 Jul 8;19(1):907. doi: 10.1186/s12889-019-7266-3.

Knowledge, Attitudes and Practices Regarding **Diabetes** in the General Population: A Cross-Sectional Study from **Pakistan**.

Gillani AH, Amirul Islam FM, Hayat K, Atif N, Yang C, Chang J, Qu Z, Fang Y.Int J Environ Res Public Health. 2018 Sep 2;15(9):1906. doi: 10.3390/ijerph15091906.

Improving **diabetes** care in developing countries: the example of **Pakistan**.

Basit A, Riaz M, Fawwad A.Diabetes Res Clin Pract. 2015 Feb;107(2):224-32. doi: 10.1016/j.diabres.2014.10.013. Epub 2014 Oct 24.

Practical implementation of ADA/EASD consensus algorithm in patients with type 2 **diabetes** in **Pakistan**.

Hasan MI, Amer W, Junaid N.J Pak Med Assoc. 2018 Sep;68(9):1304-1309.

Pakistan and diabetes-A country on the edge.

Basit A, Fawwad A, Baqa K.Diabetes Res Clin Pract. 2019 Jan;147:166-168. doi: 10.1016/j.diabres.2018.11.001. Epub 2018 Nov 10.

Prevalence of diabetes, pre-diabetes and associated risk factors: second National Diabetes Survey of Pakistan (NDSP), 2016-2017.

Basit A, Fawwad A, Qureshi H, Shera AS; NDSP Members.BMJ Open. 2018 Aug 5;8(8):e020961. doi: 10.1136/bmjopen-2017-020961.

Frequency of foot ulcers in people with type 2 diabetes, presenting to specialist diabetes clinic at a Tertiary Care Hospital, Lahore, Pakistan.

Younis BB, Shahid A, Arshad R, Khurshid S, Ahmad M, Yousaf H.BMC Endocr Disord. 2018 Aug 6;18(1):53. doi: 10.1186/s12902-018-0282-y.

Type 2 diabetes mellitus in Pakistan: Current prevalence and future forecast.

Meo SA, Zia I, Bukhari IA, Arain SA.J Pak Med Assoc. 2016 Dec;66(12):1637-1642.

Diabetes Prevalence Survey of Pakistan (DPS-PAK): prevalence of type 2 diabetes mellitus and prediabetes using HbA1c: a population-based survey from Pakistan.

Aamir AH, Ul-Haq Z, Mahar SA, Qureshi FM, Ahmad I, Jawa A, Sheikh A, Raza A, Fazid S, Jadoon Z, Ishtiaq O, Safdar N, Afridi H, Heald AH.BMJ Open. 2019 Feb 21;9(2):e025300. doi: 10.1136/bmjopen-2018-025300.

Effect of diabetic counseling based on conversation map as compared to routine counseling on diabetes management self-efficacy and diabetic distress among patients with diabetes in Pakistan: a randomized controlled trial (study protocol).

Qasim R, Masih S, Hussain M, Ali A, Khan A, Shah Y, Shah H, Yousafzai MT.BMC Public Health. 2019 Jul 8;19(1):907. doi: 10.1186/s12889-019-7266-3.

Direct and indirect cost of diabetes care among patients with type 2 diabetes in private clinics: a multicenter study in Punjab, Pakistan.

Gillani AH, Aziz MM, Masood I, Saqib A, Yang C, Chang J, Mohamed Ibrahim MI, Fang Y. Expert Rev Pharmacoecon Outcomes Res. 2018 Dec;18(6):647-653. doi: 10.1080/14737167.2018.1503953. Epub 2018 Aug 1.

Regional Variation in Comorbid Prediabetes and Diabetes and Associated Factors among Hypertensive Individuals in Rural Bangladesh, Pakistan, and Sri Lanka.

Feng L, Naheed A, de Silva HA, Jehan I, Raqib R, Islam MT, Luke N, Kasturiratne A, Farazdaq H, Senan S, Jafar TH, Cobra-Bps Study Group.J Obes. 2019 Apr 30;2019:4914158. doi: 10.1155/2019/4914158. eCollection 2019.

The need of dietary guidelines for people with diabetes in Pakistan - Letter to the Editor.

Bilquees S, Memon RS, Arshad Khan MA.J Pak Med Assoc. 2018 Oct;68(10):1552.

Operationalization of bi-directional screening for tuberculosis and diabetes in private sector healthcare clinics in Karachi, Pakistan.

Basir MS, Habib SS, Zaidi SMA, Khowaja S, Hussain H, Ferrand RA, Khan AJ.BMC Health Serv Res. 2019 Mar 6;19(1):147. doi: 10.1186/s12913-019-3975-7.

Prevalence of diabetes and its correlates in urban population of Pakistan: A Cross-sectional survey.

Zafar J, Nadeem D, Khan SA, Jawad Abbasi MM, Aziz F, Saeed S.J Pak Med Assoc. 2016 Aug;66(8):922-7.

Cohort profile: the diabetes-tuberculosis treatment outcome (DITTO) study in Pakistan.

Mukhtar F, Butt ZA.BMJ Open. 2016 Dec 2;6(12):e012970. doi: 10.1136/bmjopen-2016-012970.

Postpartum management of diabetes pregnancy.

Hossain N.J Pak Med Assoc. 2016 Sep;66(9 Suppl 1):S85-7.

Prevalence of **Diabetic** Complications In Newly Diagnosed Type 2 **Diabetes** Patients In **Pakistan**:
Findings From National Registry.

Uddin F, Ali B, Junaid N.J Ayub Med Coll Abbottabad. 2018 Oct-Dec;30(Suppl 1)(4):S652-S658.