

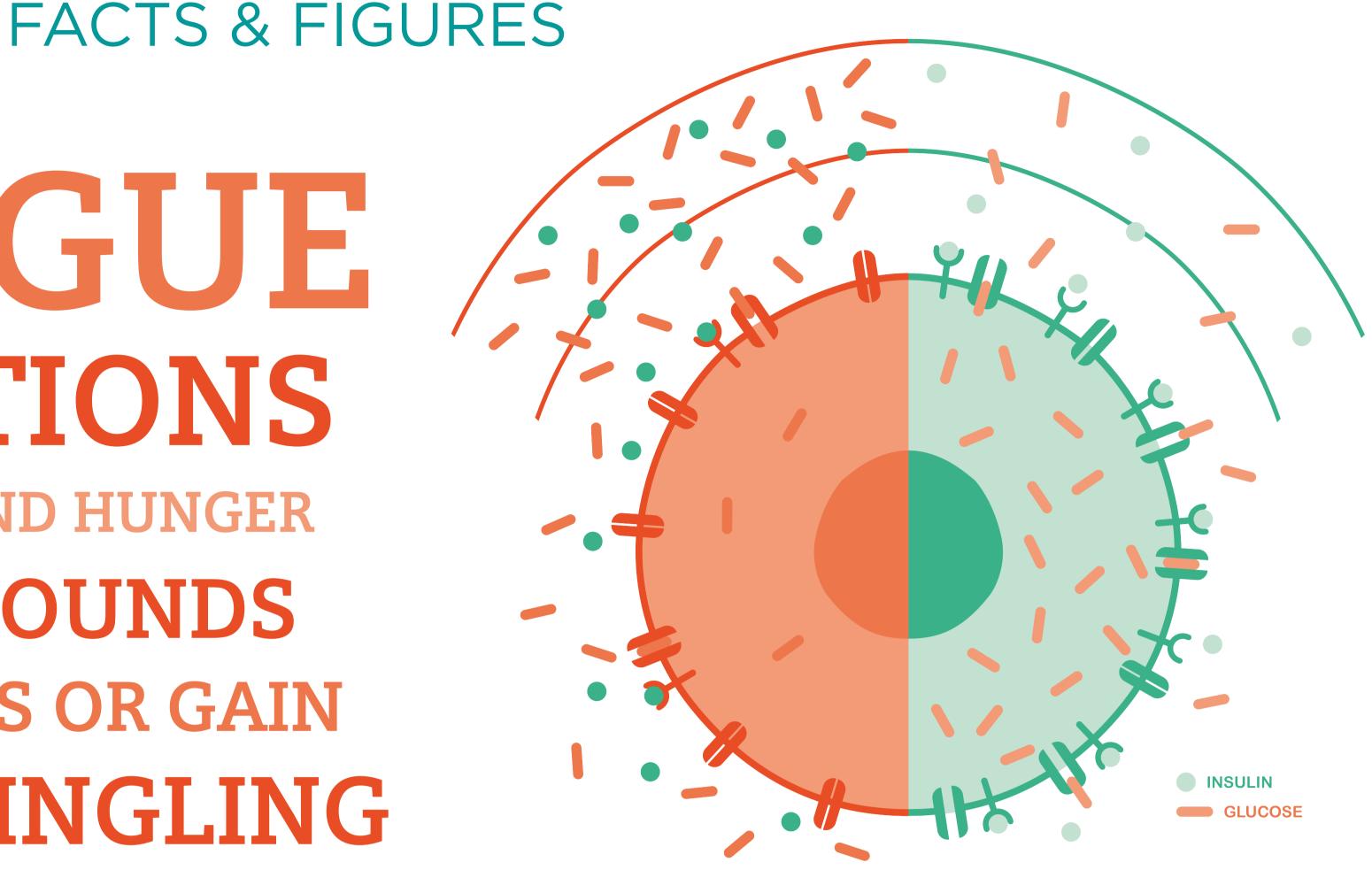


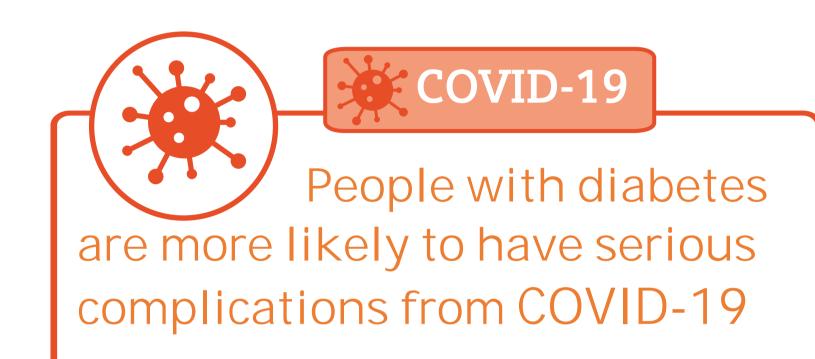
DIABETES

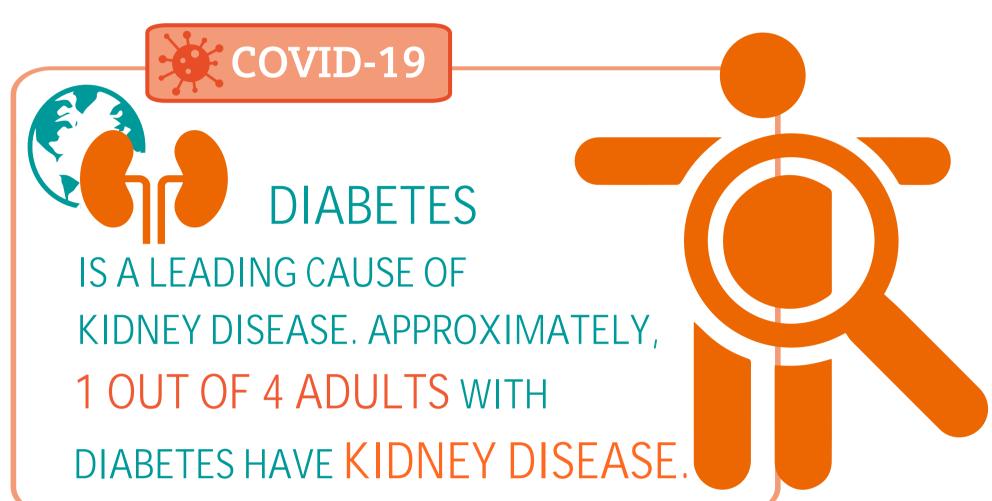
FATIGUE SKIN INFECTIONS

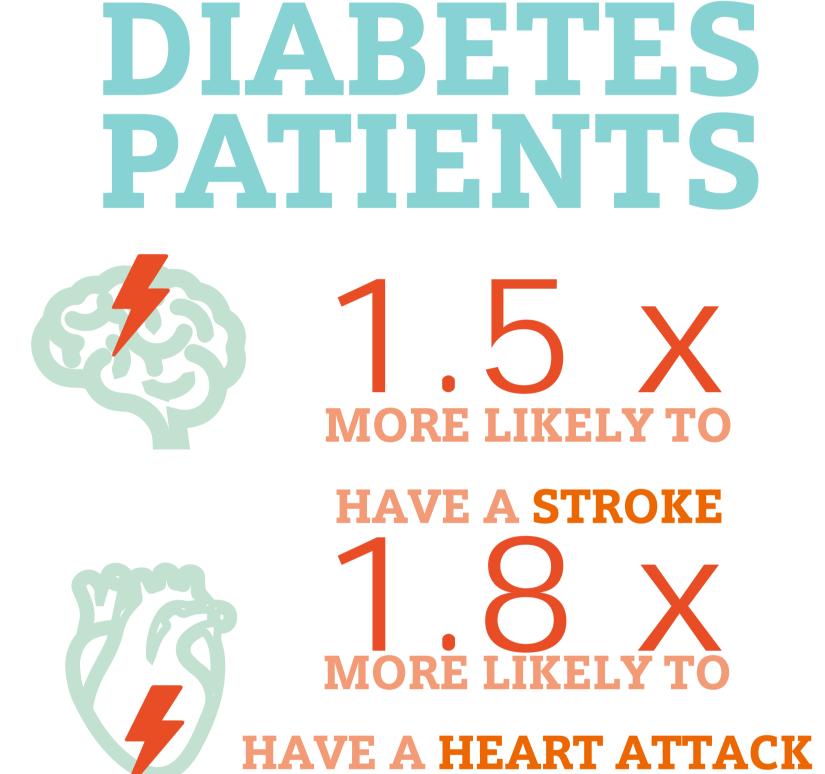
EXESSIVE THIRST AND HUNGER

SLOW-HEALING WOUNDS WEIGHT LOSS OR GAIN TINGLING











NUMBER OF PEOPLE LIVING WITH DIABETES IS PROJECTED TO RISE TO 643 MILLION BY 2030 & 783 MILLION BY 2045

3 IN 4 ADULTS WITH DIABETES LIVE IN LOW AND MIDDLE INCOME COUNTRIES

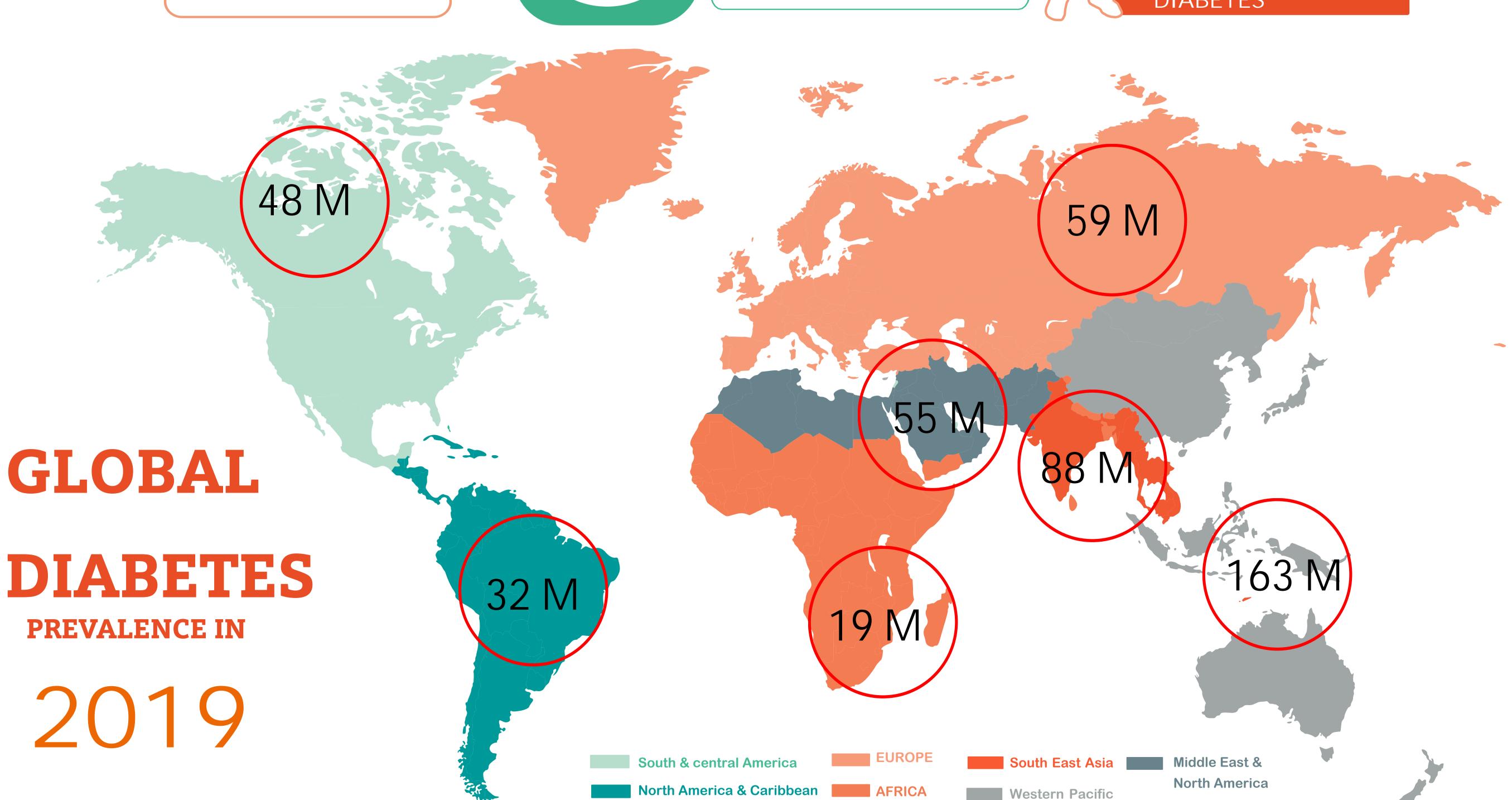




GLOBAL DIRECT HEALTH EXPENDITURE ON DIABETES IS

USD 760B in 2019

541M ADULTS HAVE IMPAIRED GLUCOSE TOLERANCE (IGT), WHICH PLACES THEM AT HIGH RISK OF TYPE 2 DIABETES



We thank our numerous ITT team members, alumni and collaboration partners worldwide for their contribution to the pathways. 1.Diabetes and Stroke, Cleveland Clinic-2021, https://my.cleveland-clinic.org/health/diseases/9812-diabetes-andstroke#:~:text=What %20is%20dia-betes%20stroke%2 0risk, stroke%20as% 20people%20with-out%20diabetes. 2. Diabetes symptoms: When diabetes symptoms are a concern, 2021: https://www.mayoclinic.org/diseases-conditions/diabetes/in-depth/diabetes-symptoms/art-20044248 3. Healthy People,

Disclaimer: The Disease Pathways Framework could be used to elaborate on various diseases. The various pain points, solutions, and statistical sults%3A%20The%20estimated%20global%20direct,USD%20845%20billion%20by%202045. 8. How COVID-19 Impacts People with Diabetes: https://www.diabetes.org/coronavirus-covid-19/how-coronavirus-imdata are examples only and cannot be taken as pacts-people-with-diabetes 9.Global prevalence of diabetes, 2019, https://www.ekfdiagnostics.com/diabetes-and-hba1c-testing.html recommendations for the reader.

4.International Diabetes Federation, IDF Diabetes Atlas 2021: https://diabetesatlas.org/ 5. Risk of developing diabetes, 2019: https://www.medicalnewstoday.com/articles/317375#age-and-diabetes 6. Siemens Healthineers. Diabetes Overview and Testing, 2017. https://www.siemens-healthineers.com/en-au/laboratory-diagnostics/assays-by-diseases-conditions/diabetes/diabetes-testing 7. Global and regional estimates and projections of diabetes-related health expenditure: Results from the International Diabetes Federation Diabetes Atlas, 9th edition, 2020, https://www.researchgate.net/publication/339232758_Global_and_regional_estimates_and_projections_of_diabetes-related_health_expenditure_Results_from_the_International_Diabetes_Federation_Dia-betes_Atlas_9th_edition#:~:text=Re-

2020 Topics & Objectives: Diabetes, 2016. https://www.healthypeople.gov/2020/topics-objectives/topic/diabetes

Website: https://www.siemens-healthineers.com/careers/innovation-think-tank

3

An extensive research- based analysis from 40+ scientific articles and journals in combination with hospital workflow experience allowed the identification of painpoints and solutions

These solutions were proposed based on AI, IoMT, AR/VR, Biosensors, nanorobotics and smart wearable technologies

THROUGH THIS CAREPLAN WE **HIGHLIGHT DATA FROM** A COLLECTION OF

96 painpoints

> 133 respective solutions

are connected to

Disclaimer: The Disease pathways framework could be used to elaborate different diseases. Various pain points, solutions, and statistical data are just example illustrations and are not subjected to be considered as recommendations by

Website: https://www.siemenshealthineers.com/careers/innovation-think-tank

