#### The Unmet Needs for Insulin Requiring Patients



### Diabetes is one of the biggest health issues of our time

**783 million** patients by 2045 – **an increase** of 46%\*,1

This projected increase will lead to higher incidence of other long-term complications seen in those with T2D, such as CVD, retinopathy, CKD and neuropathy<sup>2-6</sup>

#### Insulin remains a cornerstone of T2D treatment

Approximately 100 million people with diabetes around the world still require insulin<sup>7</sup>

This is despite there being many innovative treatments available for diabetes since T2D is a progressive disease. Over time the body may require insulin to compensate for declining insulin production by the pancreas<sup>8</sup>

Diabetes Med. 2012;29:682-689 16. Okemah J, Peng J and Quiñones M. Addressing Clinical Inertia in Type 2 Diabetes Mellitus: A Review. Adv Ther. 2018;35:1735-1745.

In patients with T2D on injectable GLP-1 RAs, once-weekly regimens were associated with higher persistence and adherence than daily treatments<sup>9</sup>



35% higher adherence relative to daily dosing at 12 months



20% lower risk of discontinuation vs daily dosing, p<0.01

According to the World Health Organization, medication adherence can have a more direct impact on patient outcomes than the specific treatment itself<sup>10</sup>



# Despite uncontrolled blood sugar, initiation of insulin therapy is often delayed<sup>11,12</sup> leading to increased risk of diabetes-related complications

50% of people with T2D needing insulin therapy delay initiation by an average of 15 months<sup>13</sup>

One year delay leads to increased total economic burden of **7.3B USD**, including **1.8B USD** due to diabetes related complications<sup>14</sup>

## Injection burden is a major barrier to insulin adherence among people with T2D

93% of people on insulin would like to have **good blood sugar control** without daily injections<sup>15</sup>

59% of physicians identified the number of daily injections as a difficulty for patients<sup>15</sup>

1/3 of all people with diabetes are **not** adherent to insulin therapy<sup>16</sup>

Poor Glycemic Control Associated with Therapeutic Inertia in Patients with Type 2 Diabetes in the multinational Global Attitudes of Patients and Physicians in Insulin Therapy study.

<sup>\*46%</sup> increase from global prevalence of diabetes among adults in 2021.

<sup>1.</sup> International Diabetes Federation. IDF Diabetes Atlas 10th edition, 2021. Available at: https://www.diabetesatlas.org/en/resources/. Last accessed: February 2023. 2. Einarson TR, Acs A, Ludwig C, et al. Prevalence of cardiovascular disease in type 2 diabetes: a systematic literature review of scientific evidence from across the world in 2007-2017. Cardiovasc Diabetol. 2018;17:83. 3. Yau JWY, Rodgers SL, Kawasaki R, et al. Global prevalence and major risk factors of diabetic retinopathy. Diabetes Care. 2012;35:556-564. 4. Gross JL, Azevedo MJD and Silveiro SP. Diabetic Nephropathy: Dia