

**Safety of iGlarLixi in Japanese people with type 2 diabetes: a post-marketing
database study**

Authors: Hideaki Kaneto¹, Makiko Hatanaka², Yukiko Morimoto³, Yoko Takahashi⁴, Yasuo Terauchi⁵

Affiliations: ¹Department of Diabetes, Endocrinology and Metabolism, Kawasaki Medical School, Kurashiki, Japan; ²Post Authorization Regulatory Study, Medical Affairs, Sanofi K.K., Tokyo, Japan; ³Real World Evidence Generation Partnering, Medical Affairs, Sanofi K.K., Japan; ⁴General Medicine Medical, Sanofi K.K., Tokyo, Japan; ⁵Department of Endocrinology and Metabolism, Graduate School of Medicine, Yokohama City University, Yokohama, Japan

Corresponding author: Yoko Takahashi; Email: Yoko.Takahashi@sanofi.com

Supplementary Material

Supplementary Table S1. ICD-10 codes representing hypoglycaemia

ICD-10 code	Diagnosis code	Diagnosis name
E11.0	8830041	Type 2 diabetic coma
E11.0	8841689	Type 2 diabetes mellitus/coma
E11.0	8845094	Type 2 diabetic hypoglycaemic coma
E14.0	2502006	Diabetic coma
E14.0	8838076	Diabetic hypoglycaemic coma
E16.0	2512009	Iatrogenic hypoglycaemia
E16.0	8830649	Insulin hypoglycaemia
E16.1	2511007	Hyperinsulinaemia
E16.1	8837872	Hypoglycaemic encephalopathy
E16.2	2512004	Hypoglycaemic attack
E16.2	8837871	Hypoglycaemic
E16.2	8840698	Nocturnal hypoglycaemic
T38.3	2510002	Insulin shock

ICD-10, International Classification of Diseases, Tenth Revision

Supplementary Table S2. List of 20% and 50% intravenous glucose solutions

Health insurance claims code	Health insurance claims description
620001315	Otsuka Glucose Solution 50% 200 mL
620001316	Otsuka Glucose Solution 50% 500 mL
620002599	Glucose Injection 50% Syringe Terumo 20 mL
620004173	Purified Glucose Solution 20% 500 mL
620006636	Terumo Glucose Injection 50% 200 mL
620006637	Terumo Glucose Injection 50% 500 mL
620006647	Glucose Injection 20% PL "Fuso" 20 mL
620006649	Glucose Injection 50% PL "Fuso" 20 mL
620155611	Glucose Injection 20% "NP" 20 mL
620155634	Purified Glucose Solution 20% 20 mL
620155640	Glucose Injection 20% Mylan 20 mL
620155641	Glucose Injection 20% PL Hp 20 mL
620155645	Glucose Injection 20% "AFP" 20 mL
620155714	Purified Glucose Injection 50% 20 mL
620155716	Glucose Injection 50% "AFP" 20 mL
621651401	Glucose Injection 20% Syringe "NP" 20 mL
640408013	20% Glucose Injection "Nissin" 20 mL
640412069	Glucose Injection 50% 200 mL
640412070	Glucose Injection 50% 500 mL
640421002	20% Glucose Injection Nichi-Iko 20 mL
640431008	20% Glucose Injection SN 20 mL
640431047	Glucose Injection 20% "CMX" 20 mL
640460006	50% Glucose Injection Nissin 20 mL
643230042	20% Glucose Injection 20 mL
643230048	50% Glucose Injection 20 mL
643230050	50% Glucose Injection 300 mL
643230052	50% Glucose Injection 500 mL
643230252	Glucose Injection 50% 100 mL
643230298	Otsuka Glucose Solution 20% 20 mL
643230317	Otsuka Glucose Solution 50% 20 mL

Supplementary Table S3. List of simple blood glucose monitoring methods

Health Insurance claims code	Health insurance claims code name
160000750	Glucose (Test Paper Method)
160000850	Glucose (Ampoule Method)
160149650	Glucose (Immobilised Enzyme Electrode)

Supplementary Table S4. ICD-10 codes representing hyperglycaemic hyperosmolar syndrome

ICD-10 code	Diagnosis code	Diagnosis name
E11.6	8849558	Type 2 diabetic hyperglycaemic hyperosmolar syndrome
E14.6	8845128	Hyperglycaemic hyperosmolar syndrome
E14.0	2502004	Hyperosmolar nonketotic coma

ICD-10, International Classification of Diseases, Tenth Revision

Supplementary Table S5. ICD-10 codes representing diabetic ketoacidosis

ICD-10	Diagnosis code	Diagnosis name
E111	8841690	Type 2 diabetes mellitus/ketoacidosis complicated
E111	8845073	Type 2 diabetic acidosis
E111	8845074	Type 2 diabetic acetonemia
E111	8849058	Type 2 diabetic ketosis
E111	8830040	Type 2 diabetic ketoacidosis
E872	8833201	Ketoacidosis
E141	2501002	Diabetic acidosis
E141	2501003	Diabetic acetonemia
E141	8849181	Diabetic ketosis
E141	2501005	Diabetic ketoacidosis

ICD-10, International Classification of Diseases, Tenth Revision