

Supplemental Data

Supplemental Table S1. ATC codes in antidiabetic agents

Classifications of our data	ATC code	Name
Insulins	A10A	Insulins and analogues
Biguanides	A10BA	Biguanides
Sulfonylureas	A10BB	Sulfonylureas
Combination drugs	A10BD	Combinations of oral blood glucose lowering drugs
α GI	A10BF	Alpha glucosidase inhibitors
TZD	A10BG	Thiazolidinediones
DPP-4i	A10BH	Dipeptidyl peptidase 4 (DPP-4) inhibitors
GLP-1 receptor agonists	A10BJ	Glucagon-like peptide-1 (GLP-1) analogues
SGLT-2i	A10BK	Sodium-glucose co-transporter 2 (SGLT2) inhibitors
Glinides	A10BX	Other blood glucose lowering drugs, excluding insulins

Supplemental Data

Supplemental Table S2. ATC codes in non-antidiabetic agents

Classifications of our data	ATC code	Name
Antihypertensive, β -blocking and RA system blocking agents	C02	Antihypertensives
	C03	Diuretics
	C07	Beta blocking agents
	C08	Calcium channel blockers
	C09	Agents acting on the renin-angiotensin system
	G04CA03	terazosin
Lipid modifying agents	C10 *1	Lipid modifying agents
Alimentary tract agents	A *2	Alimentary tract and metabolism
Antithrombotic agents	B01A	Antithrombotic agents
	C10AX06	omega-3-triglycerides including other esters and acids
Psychotropic agents	N05	Psycholeptics
	N06	Psychoanaleptics
	C02AC02	guanfacine

*1 excluding C10BX03 (atorvastatin and amlodipine)

*2 excluding A10A and A10B

Supplemental Data

Supplemental Table S3. Agents without ATC codes

Generic name	Brand name	Pharmacological efficacy	Classifications based on drug efficacy
Elobixibat hydrate	Goofice	Conspitation	Alimentary tract agents
Macrogol 4000	Movicol Combination Powder	Conspitation	Alimentary tract agents
Sitagliptin phosphate hydrate and ipragliflozin L-proline	Sujanu Combination Tablet	Diabetes	Combination drug of antidiabetic agents
Empagliflozin & linagliptin	Tradiance Combination Tablet	Diabetes	Combination drug of antidiabetic agents
Anagliptin & metformin hydrochloride	Metoana Combination Tablet	Diabetes	Combination drug of antidiabetic agents
Insulin degludec & liraglutide	Xultophy combination injection FlexTouch	Diabetes	Combination drug of antidiabetic agents
Limaprost alfadex	Opalmon	Antithrombotic agents	Antithrombotic agents
Pemafibrate	Parmodia	Lipid modifying agents	Lipid modifying agents
Ezetimibe & atorvastatin calcium hydrate	Atozet Combination Tablet	Lipid modifying agents	Lipid modifying agents
Ezetimibe & rosuvastatin calcium	Rosuzet Combination Tablet	Lipid modifying agents	Lipid modifying agents
Vibegron	Beova	Urologicals	Others
Evocalcet	Orkedia	Calcium homeostasis	Others