



Appendix 3

This appendix was part of the submitted manuscript and has been peer reviewed. It is posted as supplied by the authors.

Appendix to: Gunton JE, Cheung NW, Davis TME, et al. A new blood glucose management algorithm for type 2 diabetes. A position statement of the Australian Diabetes Society. *Med J Aust* 2014; 201: 650-653. doi: 10.5694/mja14.01187.

Table 3 Costs of glucose-lowering medications for the treatment of type 2 diabetes.

Drug	Trade name	Mg or mcg / dose	Dose	No./ day	Doses / script	DPMQ (private Script)	Cost/ day (DPMQ)	Max PBS price to consumer	Cost/ day (PBS)	Comments
Metformin *	Various	500	1 bd	2	100	\$10.67	\$0.21	\$16.01	\$0.32	Note lower dose
Metformin	Diabex	500	1bd	2	100	\$13.52	\$0.27	\$18.86	\$0.38	Brand price premium
Metformin	Various	1000	1 bd	2	90	\$13.57	\$0.30	\$18.91	\$0.42	
Metformin	Diabex	1000	1bd	2	90	\$16.42	\$0.36	\$21.76	\$0.48	Brand price premium
Metformin XR	Various	500	4 daily	4	120	\$13.02	\$0.43	\$18.36	\$0.61	
Metformin XR	Diabex	1000	2 daily	2	60	\$15.87	\$0.53	\$21.21	\$0.71	
Glibenclamide	Glimes	5	2 bd	4	100	\$11.73	\$0.47	\$17.07	\$0.68	
Glibenclamide	Daonil	5	2 bd	4	100	\$13.17	\$0.53	\$18.51	\$0.74	Brand price premium
Gliclazide	Various	80	2 bd	4	100	\$13.50	\$0.54	\$18.84	\$0.75	
Gliclazide MR	Various	30	4 daily	4	100	\$13.69	\$0.55	\$19.03	\$0.76	
Gliclazide MR	Diamicron	60	2 daily	2	60	\$17.03	\$0.57	\$22.37	\$0.75	Brand price premium
Glimepiride *	Various	4	1 daily	1	30	\$11.02	\$0.37	\$16.36	\$0.55	
Glimepiride *	Amaryl	4	1 daily	1	30	\$13.86	\$0.46	\$19.20	\$0.64	Brand price premium
Glipizide	Melizide	5	2 bd	4	100	\$12.61	\$0.50	\$17.95	\$0.72	
Glipizide	Minidiab	5	2 bd	4	100	\$17.12	\$0.68	\$22.46	\$0.90	Brand price premium
Metformin+ Glibenclamide *	Glucovance	500+5	2 bd	4	90	\$15.60	\$0.69	\$20.94	\$0.93	
Acarbose	Glucobay	50	1 tds	3	90	\$34.87	\$1.16	\$36.90	\$1.23	Note lower dose
Acarbose	Glucobay	100	1 tds	3	90	\$45.87	\$1.53	\$36.90	\$1.23	
Linagliptin	Trajenta	5	1 daily	1	30	\$62.95	\$2.10	\$36.90	\$1.23	Streamline authority required
Linagliptin+Met *	Trajentamet	2.5+ 1000	1 bd	2	60	\$67.29	\$2.24	\$36.90	\$1.23	Streamline authority required
Saxagliptin	Onglyza	5	1 daily	1	28	\$59.20	\$2.11	\$36.90	\$1.32	Streamline authority required
Saxagliptin+Met *	Kombiglyze	2.5+ 1000	1 bd	2	56	\$63.26	\$2.26	\$36.90	\$1.32	Streamline authority required
Vildagliptin	Galvus	50	1 bd	2	60	\$62.95	\$2.10	\$36.90	\$1.23	Streamline authority required
Vildagliptin+ Met *	Galvumet	50+ 1000	1 bd	2	60	\$64.21	\$2.14	\$36.90	\$1.23	Streamline authority required
Sitagliptin *	Januvia	100	1 daily	1	28	\$59.20	\$2.11	\$36.90	\$1.32	Streamline authority required
Sitagliptin+ Met *	Janumet	50+ 1000	1 bd	2	56	\$63.26	\$2.26	\$36.90	\$1.32	Streamline authority required
Alogliptin *	Nesina	25	1 daily	1	28	\$59.20	\$2.11	\$36.90	\$1.32	Streamline authority required

Alogliptin+ Met *	Nesina Met	12.5+1000	1 bd	2	56	\$63.26	\$2.26	\$36.90	\$1.32	Streamline authority required
Canagliflozin*	Invokana	300	1 daily	1	30	\$96.61	\$3.22	\$36.90	\$1.23	Authority required
Dapagliflozin	Forxiga	10	1 daily	1	28	\$58.66	\$2.10	\$36.90	\$1.32	Streamline authority required
Rosiglitazone	Avandia	8	1 daily	1	28	\$90.94	\$3.25	\$36.90	\$1.32	Authority required
Rosi+Met 1000*	Avandamet	4	1 bd	2	56	\$95.00	\$3.39	\$36.90	\$1.32	Authority required
Pioglitazone	Various	30	1 daily	1	28	\$40.64	\$1.45	\$36.90	\$1.32	Note lower dose, streamline authority required
Pioglitazone	Various	45	1 daily	1	28	\$49.56	\$1.77	\$36.90	\$1.32	Streamline authority required
Exenatide *	Byetta	10	S/C bd	2	60	\$131.65	\$4.39	\$36.90	\$1.23	Streamline authority required
Liraglutide *	Victoza	1.2	S/C bd	1	45	\$253.35	\$5.63	N/A	N/A	TGA, not PBS subsidised
Insulins	Presentation	Size mls	Timing	No.	DPMQ	mls / script	\$/ml	Max PBS price to consumer	Max PBS price (\$/ml)	Comments
Actrapid or Humulin R	Pens or penfills	3	Usually with meals	25	\$224.66	75	\$3.00	\$36.90	\$0.49	
Actrapid or Humulin R	Vials	10	Usually with meals	5	\$134.16	50	\$2.68	\$36.90	\$0.74	
Humalog, Novorapid, Apidra	Pens or penfills	3	Usually with meals	25	\$264.56	75	\$3.53	\$36.90	\$0.49	
Humalog, Novorapid, Apidra	Vials	10	Usually with meals	5	\$159.61	50	\$3.19	\$36.90	\$0.74	
Humalog mix 25 or Novomix 30	Pens or penfills	3	Usually bd	25	\$264.56	75	\$3.53	\$36.90	\$0.49	Short + long acting
Humalog mix 50	Pens or penfills	3	Usually bd	25	\$264.56	75	\$3.53	\$36.90	\$0.49	Short + long acting
Protophane or Humulin NPH	Pens or penfills	3	Usually bd	25	\$224.66	75	\$3.00	\$36.90	\$0.49	
Protophane or Humulin NPH	Vials	10	Usually bd	5	\$134.16	50	\$2.68	\$36.90	\$0.74	
Detemir(Levemir)#	Pens or penfills	3	Usually bd	25	\$433.06	75	\$5.77	N/A	\$0.49	Type 1 diabetes only
Glargine (Lantus) #	Pens or penfills	3	Usually daily	25	\$433.06	75	\$5.77	\$36.90	\$0.49	
Insulin hypurin (Bovine)	Vials	10	Variable	5	\$401.06	50	\$8.02	\$36.90	\$0.74	Authority required

DPMQ = PBS dispensed price for maximum quantity without additional fees that the pharmacist may charge general patients if the DPMQ is below the co-payment of \$36.90. Max price to consumer = general patient co-payment (\$36.90) or if the DPMQ is below this threshold equals DPMQ + \$4.19 (allowable additional patient charge) + \$1.15 (additional fee for safety net) to maximum of general patient co-payment.

Prices were supplied by the Department of Health. PBS effective date 1st December 2014.

* = other strengths available. bd= twice daily. TGA=therapeutic goods administration. Met=metformin. S/C = subcutaneous injection. # = Special pricing arrangements exist where actual costs to the government are less than the disclosed DPMQ. The estimates of price per day are calculated by dividing the cost by the number of tablets/doses per script, multiplied by the 'usual' dose (3rd column). Levemir is not PBS subsidised for use in Type 2 diabetes.