

# DIABETES TREATMENTS (Part 1 of 2)

| Generic                                                          | Brand                       | Strength                                                               | Form            | Usual Maintenance Range                      | Usual Max Dose                                                             |
|------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------------|-----------------|----------------------------------------------|----------------------------------------------------------------------------|
| ALPHA-GLUCOSIDASE INHIBITORS                                     |                             |                                                                        |                 |                                              |                                                                            |
| acarbose                                                         | Precose                     | 25mg, 100mg                                                            | tabs            | 50–100mg three times daily                   | ≤60kg: 150mg/day in 3 divided doses<br>>60kg: 300mg/day in 3 divided doses |
|                                                                  |                             | 50mg                                                                   | scored tabs     |                                              |                                                                            |
| miglitol                                                         | Glyset                      | 25mg, 50mg, 100mg                                                      | tabs            | 50mg three times daily                       | 300mg/day in 3 divided doses                                               |
| AMINO ACID DERIVATIVES                                           |                             |                                                                        |                 |                                              |                                                                            |
| nateglinide                                                      | Starlix                     | 60mg, 120mg                                                            | tabs            | 120mg 1–30min before meals three times daily | 360mg/day in 3 divided doses                                               |
| AMYLIN ANALOGUE/AMYLINOMIMETIC                                   |                             |                                                                        |                 |                                              |                                                                            |
| pramlintide                                                      | Symlin                      | 0.6mg/mL                                                               | injectable soln | Type 1: 30–60mcg<br>Type 2: 60–120mcg        | —                                                                          |
| BIGUANIDES                                                       |                             |                                                                        |                 |                                              |                                                                            |
| metformin                                                        | Fortamet                    | 500mg, 1000mg                                                          | ext-rel tabs    | 500mg–2.5g once daily                        | 2.5g/day                                                                   |
|                                                                  | Glucophage                  | 500mg, 850mg, 1000mg                                                   | tabs            | 500mg–2.55g in 2 or 3 divided doses          | 2.55g/day                                                                  |
|                                                                  | Glucophage XR               | 500mg, 750mg                                                           | ext-rel tabs    | 500mg–2g in single or 2 divided doses        | 2g in single or in 2 divided doses                                         |
|                                                                  | Glumetza                    | 500mg                                                                  | ext-rel tabs    | 500mg–2g once daily                          | 2g/day                                                                     |
|                                                                  | Riomet                      | 500mg/5mL                                                              | oral soln       | 500mg–2.55g (5–25.5mL) in 2–3 divided doses  | 2.55g/day (25.5mL/day)                                                     |
| BILE ACID SEQUESTRANT                                            |                             |                                                                        |                 |                                              |                                                                            |
| colesevelam                                                      | Welchol                     | 625mg                                                                  | tabs            | 6 tabs once daily or 3 tabs twice daily      | 4.5g/day                                                                   |
|                                                                  | Welchol for Oral Suspension | 3.75g                                                                  | pwd pkts        | One 3.75g pkt once daily                     |                                                                            |
| DIPEPTIDYL PEPTIDASE-4 INHIBITOR                                 |                             |                                                                        |                 |                                              |                                                                            |
| alogliptin                                                       | Nesina                      | 6.25mg, 12.5mg, 25mg                                                   | tabs            | 25mg once daily                              | —                                                                          |
| linagliptin                                                      | Tradjenta                   | 5mg                                                                    | tabs            | 5mg once daily                               | —                                                                          |
| saxagliptin                                                      | Onglyza                     | 2.5mg, 5mg                                                             | tabs            | 2.5mg or 5mg once daily                      | —                                                                          |
| sitagliptin                                                      | Januvia                     | 25mg, 50mg, 100mg                                                      | tabs            | 100mg once daily                             | —                                                                          |
| COMBINATION DIPEPTIDYL PEPTIDASE-4 INHIBITOR + BIGUANIDE         |                             |                                                                        |                 |                                              |                                                                            |
| alogliptin/metformin                                             | Kazano                      | 12.5mg/500mg, 12.5mg/1000mg                                            | tabs            | —                                            | 25mg/2000mg per day in divided doses                                       |
| linagliptin/metformin                                            | Jentadueto                  | 2.5mg/500mg, 2.5mg/850mg, 2.5mg/1000mg                                 | tabs            | —                                            | 2.5mg/1000mg twice daily                                                   |
| saxagliptin/metformin (ext-rel)                                  | Kombiglyze XR               | 5mg/500mg<br>5mg/1000mg<br>2.5mg/1000mg                                | tabs            | —                                            | 5mg/2g per day                                                             |
| sitagliptin/metformin                                            | Janumet                     | 50mg/500mg, 50mg/1000mg                                                | tabs            | —                                            | 100mg/2g per day                                                           |
|                                                                  | Janumet XR                  | 50mg/500mg, 50mg/1000mg, 100mg/1000mg                                  | ext-rel tabs    |                                              |                                                                            |
| COMBINATION DIPEPTIDYL PEPTIDASE-4 INHIBITOR + THIAZOLIDINEDIONE |                             |                                                                        |                 |                                              |                                                                            |
| alogliptin/pioglitazone                                          | Oseni                       | 12.5mg/15mg, 12.5mg/30mg, 12.5mg/45mg, 25mg/15mg, 25mg/30mg, 25mg/45mg | tabs            | —                                            | 25mg/45mg per day                                                          |
| DOPAMINE RECEPTOR AGONIST                                        |                             |                                                                        |                 |                                              |                                                                            |
| bromocriptine                                                    | Cycloset                    | 0.8mg                                                                  | tabs            | 1.6–4.8mg/day                                | 4.8mg/day                                                                  |

(continued)

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# DIABETES TREATMENTS (Part 2 of 2)

| Generic                                             | Brand           | Strength                                     | Form            | Usual Maintenance Range                                       | Usual Max Dose                                 |
|-----------------------------------------------------|-----------------|----------------------------------------------|-----------------|---------------------------------------------------------------|------------------------------------------------|
| <b>GLUCAGON-LIKE PEPTIDE-1 RECEPTOR AGONIST</b>     |                 |                                              |                 |                                                               |                                                |
| exenatide                                           | Byetta          | 250mcg/mL                                    | injectable soln | 5mcg twice daily; may increase to 10mcg twice daily after 1mo | —                                              |
| exenatide ext-rel                                   | Bydureon        | 2mg/vial                                     | injectable soln | 2mg once every 7 days                                         | —                                              |
| liraglutide [rDNA origin]                           | Victoza         | 6mg/mL                                       | injectable soln | 0.6mg–1.8mg/day                                               | —                                              |
| <b>MEGLITINIDES</b>                                 |                 |                                              |                 |                                                               |                                                |
| repaglinide                                         | Prandin         | 0.5mg, 1mg, 2mg                              | tabs            | 0.5–4mg within 30min of meals 2–4 times daily                 | 16mg/day                                       |
| <b>COMBINATION MEGLITINIDES + BIGUANIDE</b>         |                 |                                              |                 |                                                               |                                                |
| repaglinide/metformin                               | PrandiMet       | 1mg/500mg, 2mg/500mg                         | tabs            | —                                                             | 4mg/1000mg per meal 10mg/2500mg per day        |
| <b>SODIUM-GLUCOSE CO-TRANSPORTER 2 INHIBITORS</b>   |                 |                                              |                 |                                                               |                                                |
| canagliflozin                                       | Invokana        | 100mg, 300mg                                 | tabs            | 100–300mg once daily                                          | —                                              |
| dapagliflozin                                       | Farxiga         | 5mg, 10mg                                    | tabs            | 5–10mg once daily in AM                                       | —                                              |
| <b>SULFONYLUREAS</b>                                |                 |                                              |                 |                                                               |                                                |
| chlorpropamide<br>1st generation                    | Diabinese       | 100mg, 250mg                                 | scored tabs     | 250–750mg in single or divided doses                          | 750mg/day in single or divided doses           |
| glimepiride                                         | Amaryl          | 1mg, 2mg, 4mg                                | scored tabs     | 1–4mg once daily                                              | 8mg/day                                        |
| glipizide<br>2nd generation                         | Glucotrol       | 5mg, 10mg                                    | scored tabs     | 5–15mg once daily or 5–40mg in divided doses                  | 15mg once daily or 40mg in divided doses       |
|                                                     | Glucotrol XL    | 2.5mg, 5mg, 10mg                             | ext-rel tabs    | 5–10mg once daily                                             | 20mg/day                                       |
| glyburide<br>2nd generation                         | Diabeta         | 1.25mg, 2.5mg, 5mg                           | scored tabs     | 1.25–20mg in single or divided doses                          | 20mg/day in single or divided doses            |
| glyburide, micronized<br>2nd generation             | Glynase PresTab | 1.5mg, 3mg, 6mg                              | scored tabs     | 0.75–12mg in single or divided doses                          | 12mg/day in divided doses                      |
| <b>COMBINATION SULFONYLUREA + BIGUANIDE</b>         |                 |                                              |                 |                                                               |                                                |
| glipizide/metformin                                 | —               | 2.5mg/250mg<br>2.5mg/500mg<br>5mg/500mg      | tabs            | —                                                             | 20mg/2000mg per day in single or divided doses |
| glyburide/metformin                                 | Glucovance      | 1.25mg/250mg<br>2.5mg/500mg<br>5mg/500mg     | tabs            | —                                                             | 20mg/2000mg per day in single or divided doses |
| <b>THIAZOLIDINEDIONES</b>                           |                 |                                              |                 |                                                               |                                                |
| pioglitazone                                        | Actos           | 15mg, 30mg, 45mg                             | tabs            | 15–45mg once daily                                            | 45mg once daily                                |
| rosiglitazone                                       | Avandia         | 2mg, 4mg, 8mg                                | tabs            | 4–8mg in single or 2 divided doses                            | 8mg/day                                        |
| <b>COMBINATION THIAZOLIDINEDIONE + BIGUANIDE</b>    |                 |                                              |                 |                                                               |                                                |
| pioglitazone/metformin                              | ACTOplus met    | 15mg/500mg, 15mg/850mg                       | tabs            | —                                                             | 45mg/2550mg per day in divided doses           |
|                                                     | ACTOplus met XR | 15mg/1000mg, 30mg/1000mg                     | ext-rel tabs    | —                                                             | 45mg/2000mg per day                            |
| rosiglitazone/metformin                             | Avandamet       | 2mg/500mg, 4mg/500mg, 2mg/1000mg, 4mg/1000mg | tabs            | —                                                             | 8mg/2000mg per day in divided doses            |
| <b>COMBINATION THIAZOLIDINEDIONE + SULFONYLUREA</b> |                 |                                              |                 |                                                               |                                                |
| pioglitazone/glimepiride                            | Duetact         | 30mg/2mg, 30mg/4mg                           | tabs            | —                                                             | One 30mg/4mg tab once daily                    |
| rosiglitazone/glimepiride                           | Avandaryl       | 4mg/1mg, 4mg/2mg, 4mg/4mg                    | tabs            | —                                                             | 8mg/4mg per day                                |

**NOTES**

Not an inclusive list of medications and/or official indications. Please see drug monograph at [www.eMPR.com](http://www.eMPR.com) and/or contact company for full drug labeling. These products are intended for use as part of a total treatment regimen to maintain glycemic control that includes diet, regular exercise, blood glucose monitoring, and glycosylated hemoglobin monitoring. Patients should maintain regular caloric intake.

Adjust dose based on clinical effect. Start at a low dose and gradually titrate upwards according to clinical effect (especially in the elderly, malnourished, debilitated, or those who have renal and/or hepatic dysfunction).

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