**Appendix**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Psychiatric disorders** | **Comorbidities** | **No. of patients** | **Drugs prescribed** | **Percentage** |
| **Schizophrenia** | | **2142** |  |  |
|  | **Diabetes** | 334 | * Metformin. * Sulfonylureas. * Meglitinides. * Insulin therapy. | **15.6** |
|  | **HTN(Hypertension)** | 313 | * Thiazide diuretics * Beta blockers. * Angiotensin-converting enzyme (ACE) inhibitors. * Angiotensin II receptor blockers (ARBs). * Calcium channel blockers. * Renin inhibitors. | **14.6** |
|  | **Diabetes+ HTN** | 147 | * Metformin. * Sulfonylureas. * Meglitinides. * Insulin therapy. * Thiazide diuretics * Beta blockers. * Angiotensin-converting enzyme (ACE) inhibitors. * Angiotensin II receptor blockers (ARBs). * Calcium channel blockers. * Renin inhibitors. | **6.7** |
|  | **CVD (Cardiovascular Disease** | 190 | * ACE inhibitors * **Aldosterone inhibitors** * **Angiotensin II receptor blockers (ARBs)** * **Beta-blockers** * [Calcium](http://www.webmd.com/drugs/2/drug-1575/calcium+oral/details) **channel blockers** * [Cholesterol](http://www.webmd.com/cholesterol-management/default.htm)**-lowering drugs** | **8.9** |
|  | **Diabetes+ HTN+**  **CVD** | 42 | * Metformin. * Sulfonylureas. * Meglitinides. * Insulin therapy. * Thiazide diuretics * Beta blockers. * Angiotensin II receptor blockers (ARBs). * Calcium channel blockers. * Renin inhibitors. * [ACE inhibitors](http://www.webmd.com/heart-disease/guide/medicine-ace-inhibitors) * **Aldosterone inhibitors** * **Beta-blockers** | **1.9** |
|  | **Hyperlipidemia** | 37 | * Statins * Resins * Fibrates | **1.7** |
| **Bi-polar Depression** | | **1390** |  |  |
|  | **Diabetes** | 119 | * Metformin. * Sulfonylureas. * Meglitinides. * Insulin therapy. | **8.6** |
|  | **HTN** | 122 | * Thiazide diuretics * Beta blockers. * Angiotensin-converting enzyme (ACE) inhibitors. * Angiotensin II receptor blockers (ARBs). * Calcium channel blockers. * Renin inhibitors. | **8.8** |
|  | **Diabetes+ HTN** | 103 | * Metformin. * Sulfonylureas. * Meglitinides. * Insulin therapy. * Thiazide diuretics * Beta blockers. * Angiotensin-converting enzyme (ACE) inhibitors. * Angiotensin II receptor blockers (ARBs). * Calcium channel blockers. * Renin inhibitors. | **7.4** |
|  | **CVD** | 87 | * ACE inhibitors * **Aldosterone inhibitors** * **Angiotensin II receptor blockers (ARBs)** * **Beta-blockers** * [Calcium](http://www.webmd.com/drugs/2/drug-1575/calcium+oral/details) **channel blockers** | **6.2** |
|  | **Diabetes+ HTN+**  **CVD** | 05 | * Metformin. * Sulfonylureas. * Meglitinides. * Insulin therapy. * Thiazide diuretics * Beta blockers. * Angiotensin II receptor blockers (ARBs). * Calcium channel blockers. * Renin inhibitors. * [ACE inhibitors](http://www.webmd.com/heart-disease/guide/medicine-ace-inhibitors) * **Aldosterone inhibitors** * **Beta-blockers** | **0.4** |
|  | **Migraine** | 27 | * Pain relievers. * Triptans. * Ergots * Anti-nausea * Opioid medications * Glucocorticoids | **1.9** |
|  | **Obesity** | 56 | * **Beta-methyl-phenylethylamine** * **Lipase Inhibitor** * **Phentermine** * **Sibutramine** | **4** |
|  | **Eating Disorders** | 44 | * Anticonvulsant topiramate * Selective serotonin reuptake inhibitors (SSRIs) | **3.2** |
| **Depression** | | **724** |  |  |
|  | **Diabetes** | 51 | * Metformin. * Sulfonylureas. * Meglitinides. * Insulin therapy. | **3.7** |
|  | **HTN** | 11 | * Thiazide diuretics * Beta blockers. * Angiotensin-converting enzyme (ACE) inhibitors. * Angiotensin II receptor blockers (ARBs). * Calcium channel blockers. * Renin inhibitors. | **0.8** |
|  | **Diabetes+ HTN** | 13 | * Metformin. * Sulfonylureas. * Meglitinides. * Insulin therapy. * Thiazide diuretics * Beta blockers. * Angiotensin-converting enzyme (ACE) inhibitors. * Angiotensin II receptor blockers (ARBs). * Calcium channel blockers. * Renin inhibitors. | **0.1** |
|  | **CVD** | 46 | * ACE inhibitors * **Aldosterone inhibitors** * **Angiotensin II receptor blockers (ARBs)** * **Beta-blockers** * [Calcium](http://www.webmd.com/drugs/2/drug-1575/calcium+oral/details) **channel blockers** | **3,3** |
|  | **Diabetes+ HTN+ CVDs** | 04 | * Metformin. * Sulfonylureas. * Meglitinides. * Insulin therapy. * Thiazide diuretics * Beta blockers. * Angiotensin II receptor blockers (ARBs). * Calcium channel blockers. * Renin inhibitors. * [ACE inhibitors](http://www.webmd.com/heart-disease/guide/medicine-ace-inhibitors) * **Aldosterone inhibitors** * **Beta-blockers** | **0.3** |
|  | **Hypothyroidism** | 32 | * Thioamides * Anion inhibitors * Iodides | **2.3** |
|  | **Obesity** | 21 | * Psychotropic appetite suppressant * Non- Psychotropic appetite suppressant * Impulse and craving suppressant * Lipase inhibitor | **1.5** |
|  | **Migraine** | 14 | * Pain relievers. * Triptans. * Ergots * Anti-nausea * Opioid medications * Glucocorticoids | **1** |
| **Anxiety** | | **113** |  |  |
|  | **Diabetes** | 07 | * Metformin. * Sulfonylureas. * Meglitinides. * Insulin therapy. | **0.5** |
|  | **HTN** | 11 | * Thiazide diuretics * Beta blockers. * Angiotensin-converting enzyme (ACE) inhibitors. * Angiotensin II receptor blockers (ARBs). * Calcium channel blockers. * Renin inhibitors. | **0.8** |
|  | **Diabetes+ HTN** | 03 | * Metformin. * Sulfonylureas. * Meglitinides. * Insulin therapy. * Thiazide diuretics * Beta blockers. * Angiotensin-converting enzyme (ACE) inhibitors. * Angiotensin II receptor blockers (ARBs). * Calcium channel blockers. * Renin inhibitors. | **0.2** |
|  | **CVD** | 14 | * ACE inhibitors * **Aldosterone inhibitors** * **Angiotensin II receptor blockers (ARBs)** * **Beta-blockers** * [Calcium](http://www.webmd.com/drugs/2/drug-1575/calcium+oral/details) **channel blockers** * [Cholesterol](http://www.webmd.com/cholesterol-management/default.htm)**-lowering drugs** | **1** |
|  | **Diabetes+ HTN+ CVD** | 02 | * Metformin. * Sulfonylureas. * Meglitinides. * Insulin therapy. * Thiazide diuretics * Beta blockers. * Angiotensin II receptor blockers (ARBs). * Calcium channel blockers. * Renin inhibitors. * [ACE inhibitors](http://www.webmd.com/heart-disease/guide/medicine-ace-inhibitors) * **Aldosterone inhibitors** * **Beta-blockers** * [Cholesterol](http://www.webmd.com/cholesterol-management/default.htm)**-lowering drugs** | **0.1** |
|  | **IBS** | 02 |  | **0.1** |
|  | **Hyperlipidemia** | 04 | * Statins * Resins * Fibrates | **0.3** |
| **Insomnia** | | **83** |  |  |
|  | **Diabetes** | 06 | * Metformin. * Sulfonylureas. * Meglitinides. * Insulin therapy. | **7.2** |
|  | **HTN** | 10 | * Thiazide diuretics * Beta blockers. * Angiotensin-converting enzyme (ACE) inhibitors. * Angiotensin II receptor blockers (ARBs). * Calcium channel blockers. * Renin inhibitors. | **12** |
|  | **Diabetes+HTN** | 04 | * Metformin. * Sulfonylureas. * Meglitinides. * Insulin therapy. * Thiazide diuretics * Beta blockers. * Angiotensin-converting enzyme (ACE) inhibitors. * Angiotensin II receptor blockers (ARBs). * Calcium channel blockers. * Renin inhibitors. | **4.8** |
|  | **CVD** | 08 | * [ACE inhibitors](http://www.webmd.com/heart-disease/guide/medicine-ace-inhibitors) * **Aldosterone inhibitors** * **Angiotensin II receptor blockers (ARBs)** * **Beta-blockers** * [Calcium](http://www.webmd.com/drugs/2/drug-1575/calcium+oral/details) **channel blockers** * [Cholesterol](http://www.webmd.com/cholesterol-management/default.htm)**-lowering drugs** | **9.6** |
|  | **Diabetes+ HTN+ CVD** | 08 | * Metformin. * Sulfonylureas. * Meglitinides. * Insulin therapy. * Thiazide diuretics * Beta blockers. * Angiotensin II receptor blockers (ARBs). * Calcium channel blockers. * Renin inhibitors. * [ACE inhibitors](http://www.webmd.com/heart-disease/guide/medicine-ace-inhibitors) * **Aldosterone inhibitors** * **Beta-blockers** | **9.6** |
|  | **Gastric Problems** | 12 | * Proton pump Inhibitors | **14.4** |
|  | **Migraine** | 04 | * Pain relievers. * Triptans. * Anti-nausea * Opioid medications * Glucocorticoids | **4.8** |
| **Others** | | **988** |  |  |
|  | **Obesity** | 07 | * Psychotropic appetite suppressant * Non- Psychotropic appetite suppressant * Lipase inhibitor | **0.7** |
|  | **Smoking** | 32 |  | **3.3** |
|  | **Eating Disorders** | 15 | * Anticonvulsant topiramate * Selective serotonin reuptake inhibitors (SSRIs) | **1.5** |