

# DYSLIPIDEMIA DRUG INDICATIONS

| Generic  | Brand     | Form                     | Indications                   |               |                |                |             |          |                        |                    |
|--|-----------|--------------------------|-------------------------------|---------------|----------------|----------------|-------------|----------|------------------------|--------------------|
|  |           |                          | Slow coronary atherosclerosis | Lower total C | Lower LDL-C    | Increase HDL-C | Lower apo B | Lower TG | Sitosterol/campesterol | Reduce risk of CVD |
| <b>BILE ACID SEQUESTRANTS</b>                                    |           |                          |                               |               |                |                |             |          |                        |                    |
| cholestyramine resin   | —         | pwd                      |                               | ✓             |                |                |             | ✓        |                        | ✓                  |
| colestevlam  | Welchol   | tabs, oral susp          |                               |               | ✓              |                |             |          |                        |                    |
| colestipol   | Colestid  | tabs, granules           | ✓                             | ✓             |                |                |             |          |                        |                    |
| <b>CHOLESTEROL ABSORPTION INHIBITOR</b>                          |           |                          |                               |               |                |                |             |          |                        |                    |
| ezetimibe  | Zetia     | tabs                     | ✓                             | ✓             |                | ✓              |             |          | ✓ <sup>2</sup>         |                    |
| <b>FIBRATES</b>  |           |                          |                               |               |                |                |             |          |                        |                    |
| fenofibrate  | Antara    | caps                     | ✓                             | ✓             | ✓              | ✓              | ✓           | ✓        |                        |                    |
|  | Lipofen   | caps                     | ✓                             | ✓             | ✓              | ✓              | ✓           | ✓        |                        |                    |
|  | Lofibra   | tabs, caps               | ✓                             | ✓             | ✓              | ✓              | ✓           | ✓        |                        |                    |
|  | Tricor    | tabs                     | ✓                             | ✓             | ✓              | ✓              | ✓           | ✓        |                        |                    |
| fenofibric acid  | Fibricor  | tabs                     |                               | ✓             | ✓              | ✓              | ✓           | ✓        |                        |                    |
|  | Trilipix  | del-rel caps             |                               | ✓             | ✓              | ✓              | ✓           | ✓        |                        |                    |
| gemfibrozil  | Lopid     | scored tabs              | ✓ <sup>1</sup>                |               |                |                |             | ✓        |                        | ✓                  |
| <b>LIPID-REGULATING AGENT</b>                                    |           |                          |                               |               |                |                |             |          |                        |                    |
| icosapent ethyl  | Vascepa   | caps                     |                               |               |                |                |             | ✓        |                        |                    |
| omega-3-acid ethyl esters  | Lovaza    | caps                     |                               |               |                |                |             | ✓        |                        |                    |
| <b>MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN (MTP) INHIBITOR</b>  |           |                          |                               |               |                |                |             |          |                        |                    |
| lomitapide mesylate  | Juxtapid  | caps                     |                               | ✓             | ✓ <sup>3</sup> |                | ✓           |          |                        |                    |
| <b>NICOTINIC ACID DERIVATIVES</b>                                |           |                          |                               |               |                |                |             |          |                        |                    |
| niacin   | Niaspan   | ext-rel tabs             | ✓                             | ✓             | ✓              | ✓              | ✓           | ✓        |                        | ✓                  |
| <b>OLIGONUCLEOTIDE INHIBITOR</b>                                 |           |                          |                               |               |                |                |             |          |                        |                    |
| mipomersen   | Kynamro   | SC inj                   |                               | ✓             | ✓ <sup>3</sup> |                | ✓           |          |                        |                    |
| <b>STATINS (HMG-COA REDUCTASE INHIBITORS)</b>                    |           |                          |                               |               |                |                |             |          |                        |                    |
| atorvastatin   | Lipitor   | tabs                     |                               | ✓             | ✓              | ✓              | ✓           | ✓        |                        | ✓                  |
| fluvastatin  | Lescol    | caps                     | ✓                             | ✓             | ✓              | ✓              | ✓           | ✓        |                        | ✓                  |
|  | Lescol XL | ext-rel tabs             | ✓                             | ✓             | ✓              | ✓              | ✓           | ✓        |                        | ✓                  |
| lovastatin   | —         | tabs                     | ✓                             | ✓             | ✓              | ✓              | ✓           | ✓        |                        | ✓                  |
|  | Altoprev  | ext-rel tabs             | ✓                             | ✓             | ✓              | ✓              | ✓           | ✓        |                        | ✓                  |
| pitavastatin   | Livalo    | tabs                     |                               | ✓             | ✓              | ✓              | ✓           | ✓        |                        |                    |
| pravastatin  | Pravachol | tabs                     | ✓                             | ✓             | ✓              | ✓              | ✓           | ✓        |                        | ✓                  |
| rosuvastatin   | Crestor   | tabs                     | ✓                             | ✓             | ✓ <sup>3</sup> | ✓              | ✓           | ✓        |                        | ✓                  |
| simvastatin  | Zocor     | tabs                     | ✓                             | ✓             | ✓              | ✓              | ✓           | ✓        |                        | ✓                  |
| <b>COMBINATION STATIN &amp; CALCIUM CHANNEL BLOCKER</b>          |           |                          |                               |               |                |                |             |          |                        |                    |
| atorvastatin + amlodipine  | Caduet    | tabs                     |                               | ✓             | ✓              | ✓              | ✓           | ✓        |                        | ✓                  |
| <b>COMBINATION STATIN &amp; CHOLESTEROL ABSORPTION INHIBITOR</b> |           |                          |                               |               |                |                |             |          |                        |                    |
| atorvastatin + ezetimibe   | Liptruzet | tabs                     |                               | ✓             | ✓              | ✓              | ✓           | ✓        |                        |                    |
| simvastatin + ezetimibe  | Vytorin   | tabs                     |                               | ✓             | ✓              | ✓              | ✓           | ✓        |                        |                    |
| <b>COMBINATION STATIN &amp; NIACIN</b>                           |           |                          |                               |               |                |                |             |          |                        |                    |
| lovastatin + niacin  | Advicor   | immediate + ext-rel tabs |                               | ✓             | ✓              | ✓              | ✓           | ✓        |                        |                    |
| simvastatin + niacin   | Simcor    | immediate + ext-rel tabs |                               | ✓             | ✓              | ✓              | ✓           | ✓        |                        |                    |

### Classification of Hyperlipoproteinemias

| Fredrickson Type | Elevated Lipoproteins | Lipid Elevations (Major) | Lipid Elevations (Minor)      |
|------------------|-----------------------|--------------------------|-------------------------------|
| I (rare)         | chylomicrons          | triglycerides            | total-C elevated or no change |
| IIa              | LDL                   | total-C                  | —                             |
| IIb              | LDL, VLDL             | total-C                  | triglycerides                 |
| III (rare)       | IDL                   | total-C/triglycerides    | —                             |
| IV               | VLDL                  | triglycerides            | total-C elevated or no change |
| V                | chylomicrons, VLDL    | triglycerides            | total-C elevated or no change |

### NOTES

**Key:** apo B = apolipoprotein B; TG = triglycerides; total-C = total cholesterol; LDL-C = low-density lipoproteins; CVD = cardiovascular disease; IDL = intermediate-density lipoproteins; VLDL = very low density lipoproteins; HDL-C = high-density lipoproteins

<sup>1</sup> Reduction in risk of coronary artery disease when first line agent is inadequate

<sup>2</sup> To reduce elevated sitosterol and campesterol in homozygous familial sitosterolemia

<sup>3</sup> Also to reduce elevated non-HDL-C (total-C minus HDL-C)

<sup>4</sup> To reduce risk of: MI, stroke, or coronary revascularization procedures, and morbidity/mortality.

FDA-approved indications marked with a ✓. 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. Listed indications may be adjuncts to other therapies, lifestyle changes and/or concomitant drugs.