

# CHOLESTEROL MEDICATIONS

(Updated 03/30/2022)

## I. CODE OF FEDERAL REGULATIONS - 67.113(c); 67.213(c); and 67.313(c)

## II. MEDICAL HISTORY: Item 37: Vascular System

The applicant should provide history as to why the medication is used. If taken for a cardiac condition, see that section. The AME should inquire if the applicant has ever experienced any side effects that could interfere with aviation safety.

## III. AEROMEDICAL DECISION CONSIDERATIONS:

See Item 37: Vascular system

## IV. PROTOCOL: N/A

## V. PHARMACEUTICAL CONSIDERATIONS

- Cholesterol Medication
  - All drug classes require the minimum standard 48-hour initial ground trial.

| ACCEPTABLE<br>(As a single agent or in any combination product.)                                                                                                                                                                                                                      |                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ✓ HMG-CoA reductase inhibitor <ul style="list-style-type: none"><li>• atorvastatin (Lipitor; Sortis [INTL])</li><li>• fluvastatin (Lescol)</li><li>• lovastatin (Altoprev)</li><li>• pravastatin (Pravachol)</li><li>• rosuvastatin (Crestor)</li><li>• simvastatin (Zocor)</li></ul> | ✓ Fibric Acid <ul style="list-style-type: none"><li>• fenofibrate (Antara, Tricor, Triglide, Trilipix)</li><li>• gemfibrozil (Lopid)</li></ul>                                 |
|                                                                                                                                                                                                                                                                                       | ✓ Bile Acid Sequestrant <ul style="list-style-type: none"><li>• cholestyramine (Prevalite; Questran)</li><li>• colestevlam (Welchol)</li><li>• colestipol (Colestid)</li></ul> |
| ✓ Omega-3-acid ethyl esters <ul style="list-style-type: none"><li>• omega-3-acid ethyl esters (Lovaza)</li><li>• icosapent ethyl (Vascepa)</li></ul>                                                                                                                                  | ✓ Adenosine Triphosphate-Citrate Lyase (ACL) Inhibitor <ul style="list-style-type: none"><li>• bempedoic acid (Nexletol)</li></ul>                                             |
| ✓ Nicotinic acid <ul style="list-style-type: none"><li>• niacin (Niaspan)</li></ul>                                                                                                                                                                                                   | ✓ 2-Azetidinone <ul style="list-style-type: none"><li>• ezetimibe (Zetia)</li></ul>                                                                                            |

| CONDITIONALLY ACCEPTABLE                                                                                                                     |                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Medication                                                                                                                                   | Post-dose observation (no-fly time after each dose) |
| Monoclonal Antibody - PCSK9 Inhibitor <ul style="list-style-type: none"><li>• alirocumab (Praluent)</li><li>• evolocumab (Repatha)</li></ul> | 4 hours                                             |

| UNACCEPTABLE                                                                                                      |  |
|-------------------------------------------------------------------------------------------------------------------|--|
| Apolipoprotein B Antisense Oligonucleotide <ul style="list-style-type: none"><li>• mipomersen (Kynamro)</li></ul> |  |