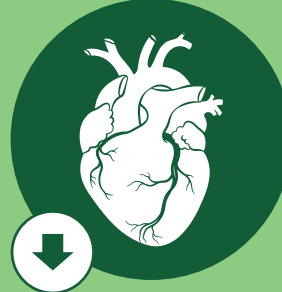


Statin therapy can reduce the levels of atherogenic proteins...<sup>1</sup>



...and significantly lower the risk of atherosclerotic cardiovascular disease (ASCVD)<sup>1</sup>

### Existing statin therapies<sup>2</sup>

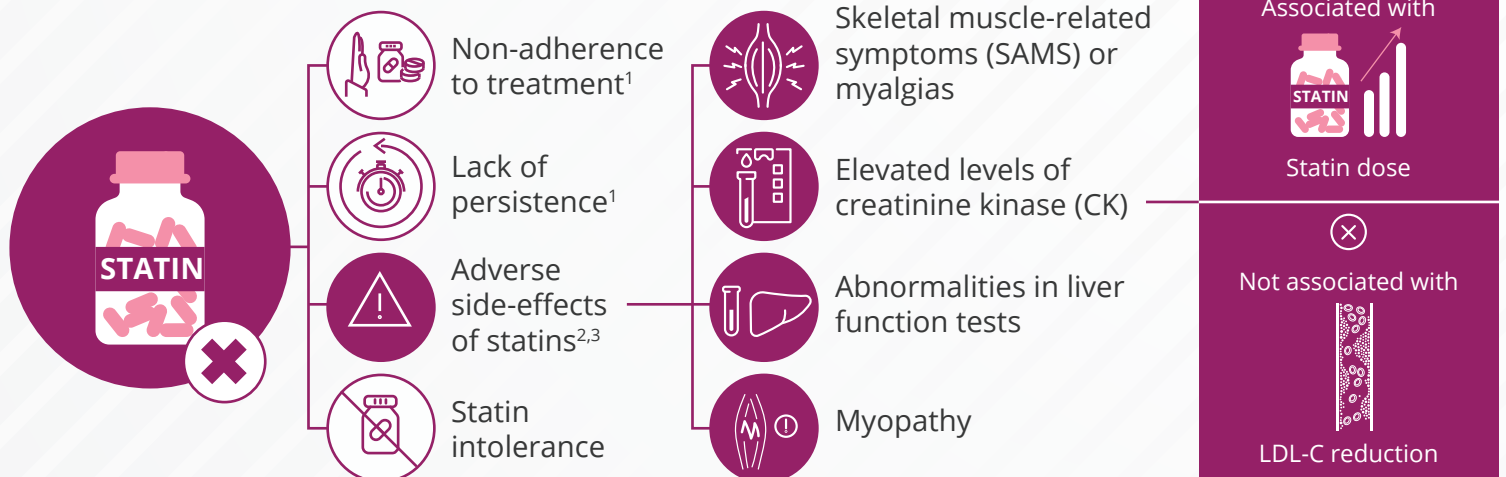
<30%*	30%–49%*	≥50%*
Low-intensity	Moderate-intensity	High-intensity
<ul style="list-style-type: none"> <li>• Simvastatin 10 mg</li> <li>• Pravastatin 10–20 mg</li> <li>• Lovastatin 20 mg</li> <li>• Fluvastatin 20–40 mg</li> </ul>	<ul style="list-style-type: none"> <li>• Atorvastatin 10–20 mg</li> <li>• Rosuvastatin 5–10 mg</li> <li>• Simvastatin 20–40 mg</li> <li>• Pravastatin 40–80 mg</li> <li>• Lovastatin 40–80 mg</li> <li>• Fluvastatin 80 mg</li> <li>• Pitavastatin 1–4 mg</li> </ul>	<ul style="list-style-type: none"> <li>• Atorvastatin 40–80 mg</li> <li>• Rosuvastatin 20–40 mg</li> </ul>

\*Percentage reduction in low-density lipoprotein cholesterol (LDL-C) observed with the corresponding dose of statins

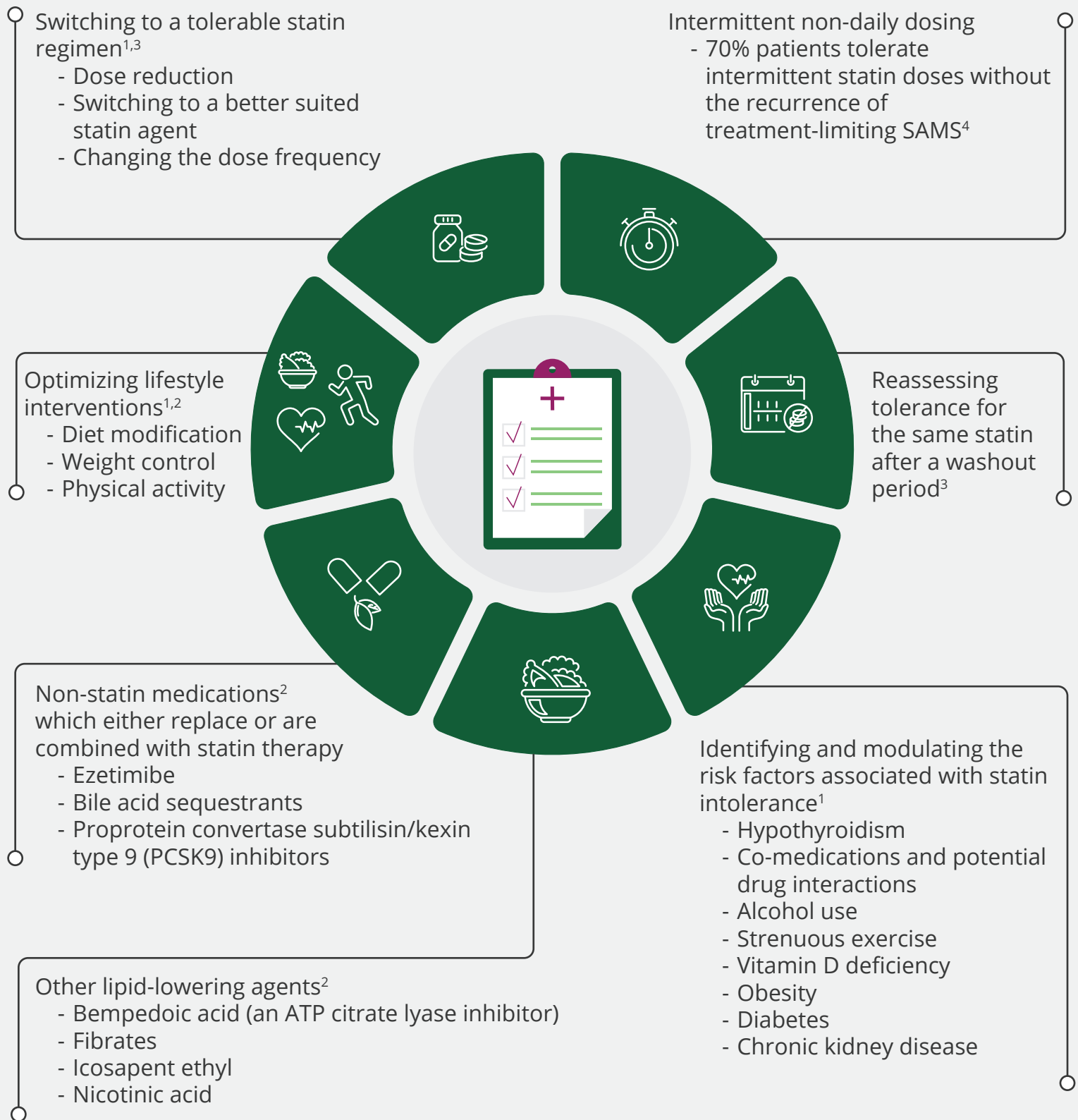


However, some patients experience adverse side-effects and statin intolerance, resulting in discontinuation of therapy<sup>1</sup>

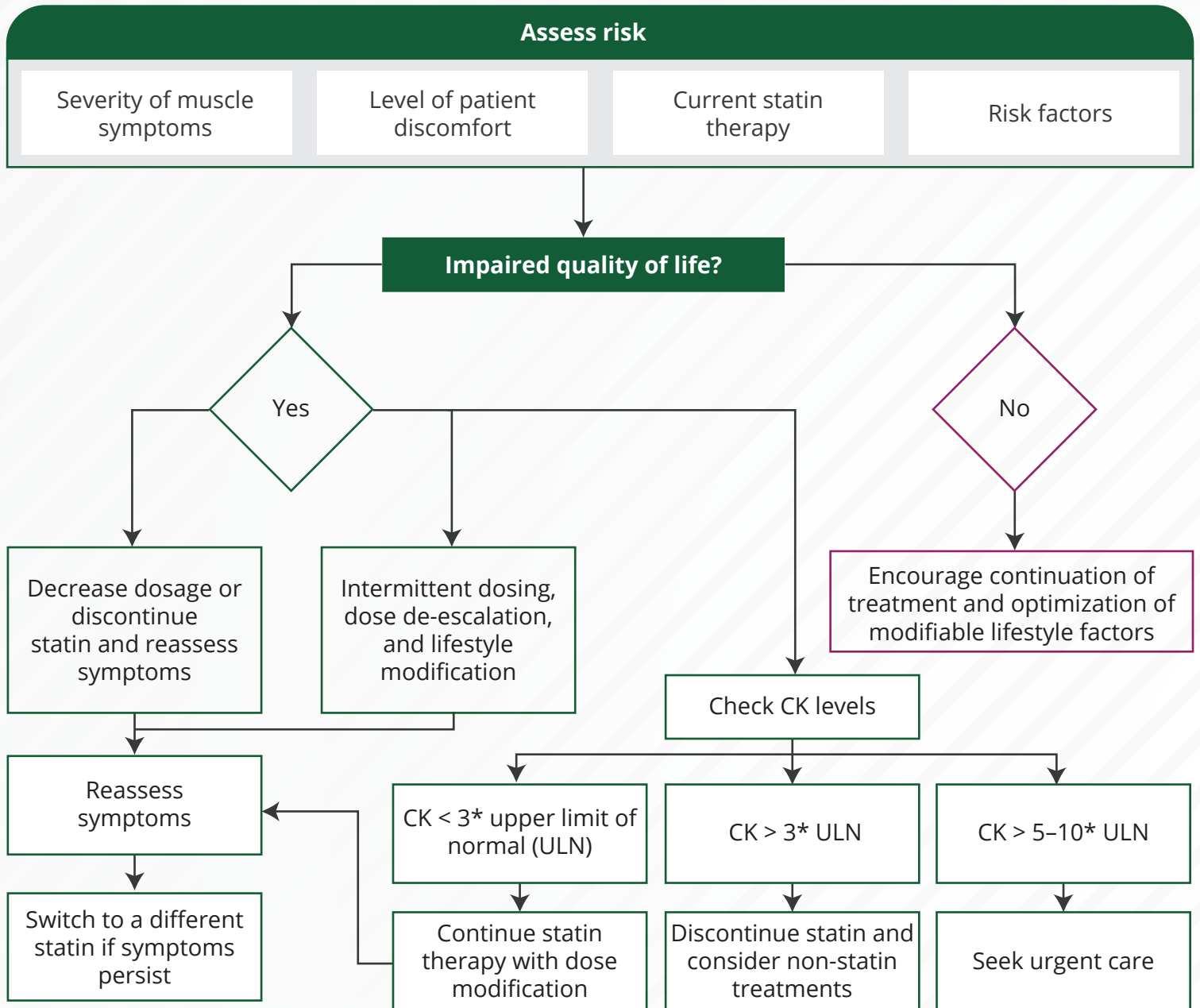
### Factors that lead to treatment discontinuation<sup>1,2</sup>



# Strategies to overcome the limitations of statins



# Management of SAMS<sup>3</sup>



## Management of statin intolerance<sup>1,3</sup>



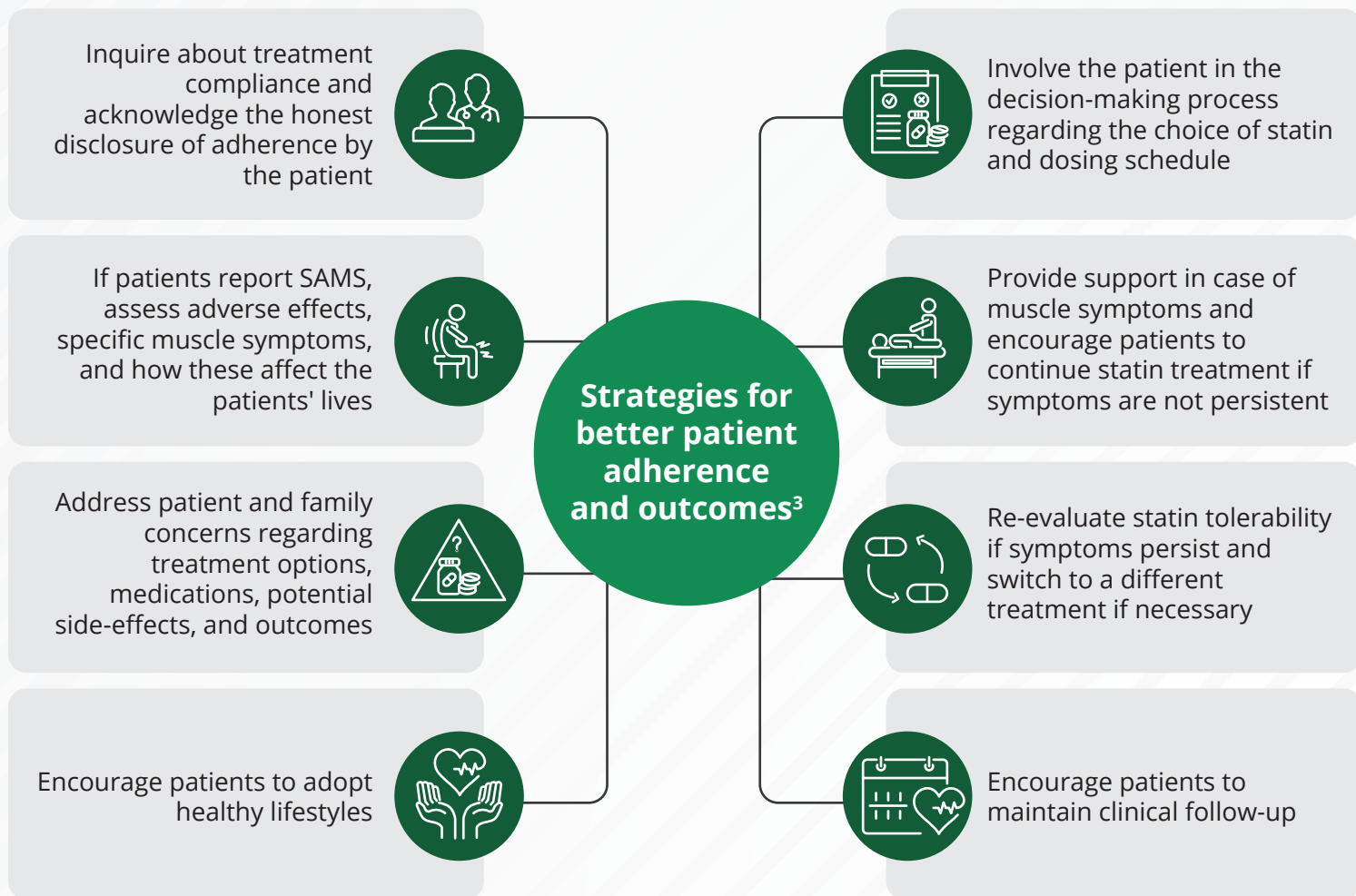
Identify a tolerable statin regimen



Modify dose or statin therapy based on clinical trial data that favor reduced cardiovascular event risk



Consider non-statin therapy in high-risk patients with a history of statin intolerance



- ✔ **Patient non-adherence can negatively impact the outcomes of statin therapy and increase the risk of ASCVD and associated mortality**
- ✔ **Shared decision-making and communication between the clinician and patient may help improve treatment compliance**
- ✔ **Switching to a different statin or dose modification may benefit patients experiencing adverse effects like SAMS. Non-statin medications may be considered in high-risk patients with persistent symptoms**
- ✔ **Pharmacological and lifestyle modifications can help patients with treatment continuation**

#### References:

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4. Keating, A.J., Campbell, K.B., & Guyton, J.R. (2013). Intermittent nondaily dosing strategies in patients with previous statin-induced myopathy. *Annals of Pharmacotherapy*, 47(3), 398–404.