

| Project Overview   |   |                                  |
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| <b>Problem Statement:</b><br>Statins can lower major amputation risk among chronic critical limb ischemia patients by more than 3-fold, a benefit which exceeds that of either antiplatelet therapy or smoking cessation. Statin therapy remains underutilized in peripheral arterial disease (PAD); a recent longitudinal study of over 155,000 U.S. Veterans found 28% with an index diagnosis of PAD were not on a statin. Vascular physicians have an opportunity to increase statin therapy among PAD patients through increased awareness and facilitation of statin therapy initiation.   |   |                                  |
| <b>Goal:</b><br>To increase statin use by 10% among patients with Rutherford score 4-6 chronic critical limb ischemia undergoing endovascular therapy of PAD from Q1 to Q4 of CY2021.  |   |                                  |
| <b>Scope:</b><br>Chronic critical limb ischemia patients in the Penn system referred to interventional radiology at Penn Presbyterian Medical Center for evaluation and peripheral vascular intervention.  |   |                                  |
| <b>Deliverable(s):</b><br><ol style="list-style-type: none"> <li>1) Increasing familiarity with the analytics tool to target the subset of patients who are seen in initial consultation and are not yet on a moderate- to high-intensity statin.</li> <li>2) Coordination with patient clinical care teams to facilitate initiation of statin therapy.</li> <li>3) Confirmation of initiation of statin therapy at first (&lt;30 day) post-procedure follow-up visit.</li> <li>4) Confirmation of compliance of statin therapy at second (&lt;90 day) post-procedure follow-up visit.</li> <li>5) Identify barriers to initiation and compliance with statin therapy and where appropriate, consider referral for PCSK9-inhibitor therapy.</li> </ol> |   |                                  |
| <b>Resources Required:</b> Education, analytic tool familiarity, coordination, statin therapy initiation, compliance, and follow up; barrier identification  |   |                                  |
| Key Metrics  |   | Milestones                       |
| <b>Outcome Metrics:</b><br>Proportion of referred chronic CLI patients on statin therapy between   | <b>Milestone / Description:</b><br>Statin QI Project Overview | <b>Date (mm/yy):</b><br>Jan 2021 |

## QI PROJECT CHARTER

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| <p>baseline evaluation and first post-procedure follow-up visit.</p> <p><b>Process Metrics:</b><br/>         Proportion of chronic CLI patients compliant with statin therapy during subsequent follow-up visits.</p> | <p>Identify baseline proportion of CLI patients on statins from CY2020</p> <p>Implement process for facilitation of statin initiation</p> <p>Confirm initiation of statin therapy</p> <p>Confirm compliance of statin therapy</p> <p>Evaluate progress and confirm action plan</p> | <p>Feb 2021</p> <p>March 2021</p> <p>April-Sept 2021</p> <p>Oct-Nov 2021</p> <p>Dec 2021</p> |
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**Team Members**

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| <p><b>Exec Sponsor:</b> Timothy Clark, M.D.</p> <p><b>Sponsor:</b></p> <p><b>Project Leader:</b> Jennifer Lai</p> | <p><b>Clinical Sponsor:</b> Timothy Clark, M.D.</p> <p><b>Process Owner:</b></p> <p><b>Team Members:</b> Timothy Clark, M.D., Ansar Vance, M.D., Kathleen Kratz, PA-C, Lauren Haimes, PA-C</p> |
| <p>Permission to use on vqi website given by data manager - BW</p>  |  |

