

**PDSA Worksheet** **Template**

**Project Name: Drive-thru Swabbing**

**Cycle #: 2 (April 17, 2020)**

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| **Objective** |
| To increase efficiency of COVID-19 testing process as evidenced by increased testing capability, decreased PPE usage and decreased human resource requirements through the establishment of a ‘drive-thru’ swabbing model at Colchester East Hants Health Centre. |

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| **1. Plan:** Plan the test, including a plan for collecting data. | |
| X:\1-NSHA QI&S Documents\Quality Improvement Capacity Building\Resources\PDSA image.jpg | In collaboration with the pre-existing primary assessment clinic processes currently housed at the RECC in Truro, the CEHHC ED pre-triage area (tent) will expand to include a drive thru swabbing process. Drive-thru testing commenced April 15. |
| Staffing model will be altered to 1 RN, and 2 LPNs from primary assessment clinic, 1 ward aide utilized as runner. 1 LPN from ED to ensure inclusion/knowledge transfer for pre-triage piece.  Supply storage location to be moved to Ambulatory Care (utilize stairwell entrance) |
| The following measures will be collected/reported:   * Total patients (booked, referred, drive-in) * PPE counts * Total HR resources |

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| **2. Do: Run the test on a small scale.** | |
| X:\1-NSHA QI&S Documents\Quality Improvement Capacity Building\Resources\PDSA image.jpg | Drive-thru testing commenced and finished as planned. No process issues identified.  Staff reported:   * Storage location in Amb Care works well for housekeeping re: scrub supply as well as stores drop off supplies; convenient for nursing changing * Ward aide delivered swabs, charts, extras * Wifi phones working well * 3 staff allowing for swabbing relief, break relief, no need to utilize ED staff * ED registration prepping charts is working very well   23 patients tested in total (25 booked, 2 no show). 2 sent to ILI Clinic. |

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| **3. Study: Analyze the results and compare them to your predictions.** | |
| X:\1-NSHA QI&S Documents\Quality Improvement Capacity Building\Resources\PDSA image.jpg | * RN/LPN model utilized and still working well. * Able to perform pre-triage function with additional LPN. ED LPN remained as support. * Cold weather and wind concern resolved by rotating shifts for clean and dirty nurse |

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| **4. Act: Based on what you learned from the test, make a plan for your next step.** | |
| X:\1-NSHA QI&S Documents\Quality Improvement Capacity Building\Resources\PDSA image.jpg | * Starting Monday, 1 - TD LPN, 1 - 10hr D RN, 1 - 10hr D LPN to support pre-triage 12 hours and opening/closing of tent * Explore opportunity to increase appointment availability per hour |