

**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
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