

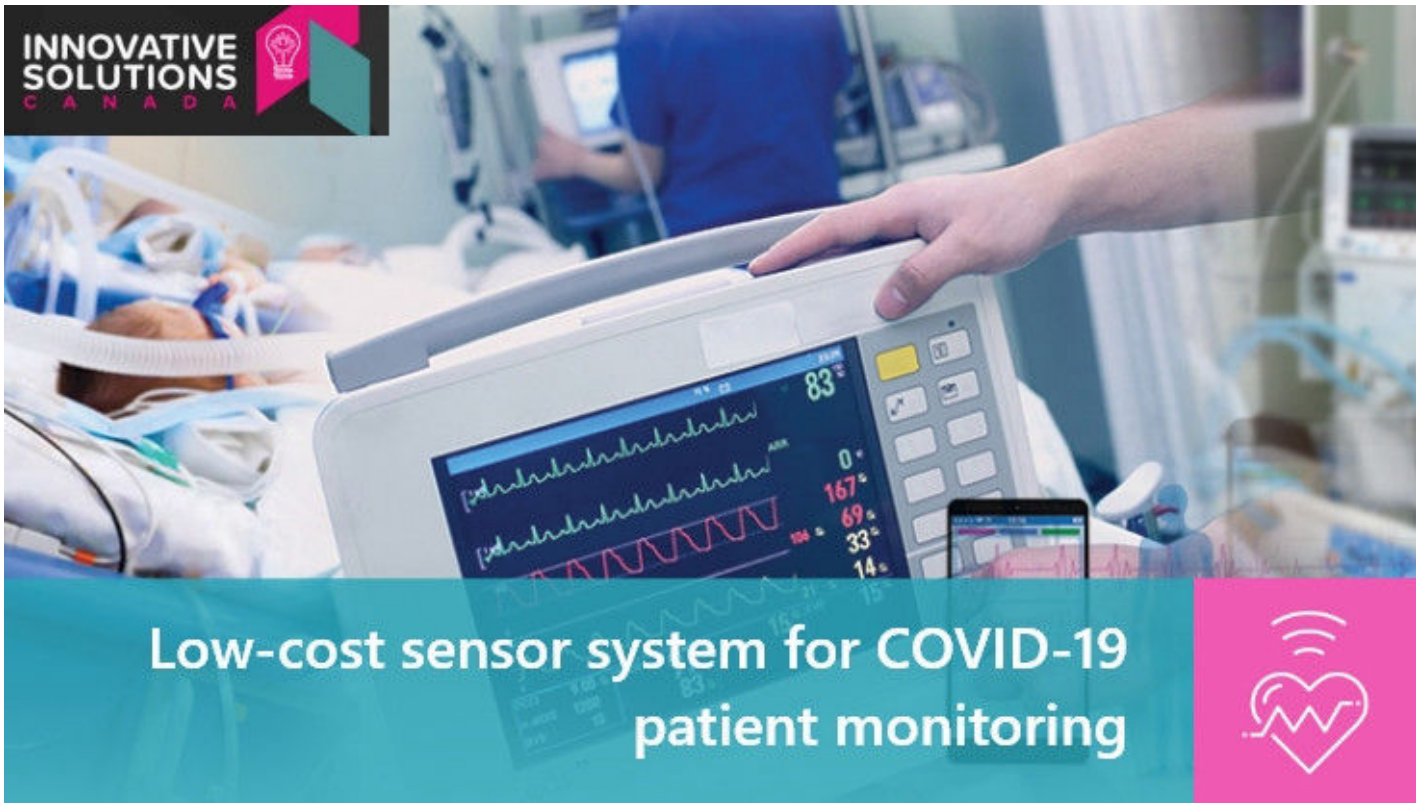


# Explore

Challenges

Labs

Projects



## COVID-19 Challenge - Low-cost monitoring system for COVID-19 patients

Challenge

NRC is seeking a low cost system (unit cost <\$25) that can continuously measure temperature, peripheral capillary oxygen saturation (SpO2), blood pressure (BP), pulse and respiration rates, and transmit this in...

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## COVID-19 Challenge - Point of Care & Home Diagnostic Kit for COVID-19

Challenge

The Public Health Agency of Canada (PHAC) and National Research Council (NRC) are seeking a solution that will diagnose individuals affected by COVID-19 within 3 days of the start of their symptoms using a sample, other than a nasopharyngeal swab, with a rapid s...

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## Recycled Plastic Ceiling Tiles

Challenge

View more details and submit the project here:  
<https://www.ic.gc.ca/eic/site/101.nsf/eng/00090.html>  
Problem statement The challenge we are facing is global and departmental. Globally, there is an accumulation of plastic with the equivalent of one tonne per person in exi...

[View](#)

## E-Waste

Challenge

View more details and submit your project here:  
<https://www.ic.gc.ca/eic/site/101.nsf/eng/00085.html>  
Problem statement This challenge is highly relevant to SSC and ECCC's mandate and the federal gove...

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