

## Immunosuppressed Patient SARS-CoV-2 (COVID-19) and Respiratory Viral Testing Guidelines

Testing for SARS-CoV-2 (COVID-19) is now available and can be ordered in ORCA under “COVID-19 Coronavirus Qualitative PCR” and lab test code “NCVQLT”. As other respiratory viruses including influenza are circulating in the community, we recommend that testing for SARS-CoV-2 be ordered in conjunction with our currently available Rapid Influenza/ RSV PCR or Extended Respiratory Viral panel PCR for patients presenting with respiratory symptoms in selected circumstances. **As you are all aware, this is a rapidly evolving situation and testing guidance will be updated accordingly depending on community transmission dynamics and test capacity. Do not ignore other signs and symptoms during this COVID-19 period, as patients with fever and signs of infection should be treated by current guidelines (e.g. neutropenic fever, sepsis) by inpatient services.**

Clinical Criteria	SARS-CoV-2 PCR Test?	Rapid Flu/ RSV or Extended Respiratory Viral PCR Test?	Infection Control Precautions
<b>No Fever or Respiratory symptoms</b>	No	No	<b>Standard Precautions</b>
<b>Fever WITHOUT respiratory symptoms</b>	No <i>*Yes for Solid Organ Transplant patients <u>Unless another source of fever identified/known</u></i>	No	<b>Standard Precautions</b>  *Solid organ transplant patients with fever should be placed in Droplet/Contact Precautions if COVID-19 is being considered
<b>Respiratory symptoms* WITH OR WITHOUT fever</b>	YES – <ul style="list-style-type: none"> <li>• High Risk SCCA Patients<sup>†</sup></li> <li>• Patients staying at SCCA or Pete Gross House</li> <li>• All Solid Organ Transplant Patients</li> <li>• Other Immunosuppressed Patients<sup>‡</sup></li> <li>• Increased Risk Due to Medical Comorbidities<sup>§</sup></li> </ul>	YES – Extended Respiratory Viral PCR Test <ul style="list-style-type: none"> <li>• High Risk SCCA Patients<sup>†</sup></li> <li>• Lung Transplant Patients</li> </ul> Rapid Influenza/RSV Testing Only – <ul style="list-style-type: none"> <li>• Other Solid Organ Transplant Patients</li> <li>• Other Immunosuppressed Patients<sup>‡</sup></li> <li>• Increased Risk Due to Medical Comorbidities<sup>§</sup></li> </ul>	<b>Mask patient and place in private room</b>  <b>Droplet/ Contact Precautions</b>

\* Respiratory symptoms: cough, shortness of breath, wheezing or chest tightness, sore throat. Consider excluding symptoms attributable to allergies.

<sup>†</sup> High Risk SCCA Patients: All transplant and immunotherapy, all hematologic malignancy, all active chemotherapy, neutropenia (ANC <500)

<sup>‡</sup> Other immunosuppressed: Biologic agents for immunosuppression, steroids >0.5mg/kg/day prednisone equivalent, congenital or acquired immunodeficiency

<sup>§</sup> Medical comorbidities: Age >60, diabetes, CKD, pregnancy, lung cancer, chronic lung disease, cirrhosis