UCSF Health COVID-19 Algorithm for On-site Respiratory Evaluation in Pediatric Respiratory Screening Clinics (pRSCs)

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Subject to modification - Refer to UCSF Infection Control Website for version updates Owners: Susan Smith and Lee Atkinson-McEvoy

Target Audience: Pediatric Respiratory Screening Centers (pRSC)

Meets the following:

Respiratory complaints plus **any** of

the following: 1. Fever (objective or subjective)? 2. New cough 3. Dyspnea 4. Flu-like illness OR Mild respiratory symptoms (rhinorrhea, congestions, sore throat, cough) plus risk factors^{1,2,3} Yes Give patient surgical mask 1. Place in single room with door closed. Patient escort wears surgical mask; gowns and gloves if there is direct patient contact 2. Place Contact/Droplet Isolation sign on door 3. HCW entering room to use gloves, gown, surgical mask and eye protection unless aerosol-generating procedure being done (see below) 4. Triage acuity of patient (vitals, brief history and risk assessment, exam) -Stable for clinic assessment

Environmental risks¹

-High-risk travel or known COVID-19 exposure within 14 days -High-risk setting (dormitory, outpatient dialysis, radiation oncology, infusion center)

Patient-related risks²

-Immunocompromised (oncology, transplant, immunosuppressive meds, other known immunodeficiency) -Chronic lung disease -End stage renal disease -Diabetes

Household high risk contact³

-Age> 60 years -Immunocompromised (oncology, transplant, immunosuppressive meds, HIV, other known immunodeficiency) -Pregnancy -Chronic lung disease -Cirrhosis -Cardiovascular disease -End stage renal disease -Diabetes -Hypertension

Clinical Evaluation 1. COVID-19 PCR 2. Rapid flu/RSV PCR and/or RVP (respiratory viral panel) 4. Consider CBC w diff, CMP, CRP, CXR

See Yellow Box - prioritize high risk due to environment exposures,¹ patient-related risks,² or household high risk contact³

> Tests sent as indicated

> > Discharge

1. Provide 'COVID-19 discharge instructions for patient and family/caregiver.

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2. COVID-19 positive: Video Visit (ideal) or phone call to ensure patient knows result. Notify Hospital **Epidemiology and Infection Prevention (HEIP).** 3. COVID-19 negative: MyChart message or phone call to patient. Patient instructed to call their PCP if they need further guidance.

PAPR plus gown/gloves while obtaining NP swabs. If not available, use surgical mask with

For nebulized medications or other discrete aerosol-generating procedures N95 with eye protection or PAPR plus gown/gloves during procedure and when entering

Post discharge room care with eye protection. -If aerosol-generating procedure hour before it is cleaned

Guidelines cannot replace personalized evaluation and management decisions based on individual patient factors



