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*\* NOTICE: This health alert provides written guidance for health care professionals and others who may need to take action to prevent or control a notifiable condition. It is not intended to provide guidance for the general public.*

**Vaping-Associated Lung Injury (VALI) and Novel Coronavirus (2019-nCoV) Respiratory Infection Webinar 2-14-2020 for Healthcare, Public Health and EMS Partners**

***Requested Actions Regarding Vaping Associated Lung Injury:***

- The Washington State Health Officer is requesting the extension of provisional reporting of vaping-associated lung injury cases for an additional 120 days.
- Continue reporting cases of vaping-associated lung injury to Thurston County Public Health at (360)786-5470 within 3 days.
- Ask about the use of e-cigarette or vapor products when evaluating patients with respiratory symptoms (e.g., cough, chest pain, and shortness of breath), gastrointestinal symptoms (e.g., abdominal pain, nausea, vomiting, stomach pain, and diarrhea), or nonspecific constitutional symptoms (e.g., fever, chills, and weight loss).
- Ask patients about recent use of e-cigarette or vapor products. If confirmed, the types of substances used (e.g., THC and nicotine) and where they were obtained should be ascertained.
- Please report patients who meet the following criteria to your local health department.
  - Any hospitalized patient who:
    - Reports vaping or dabbing in the 90 days prior to symptom onset (**AND**)
    - Has a chest X-ray with pulmonary infiltrates or a chest CT scan with ground-glass opacities (**AND**)
    - Has no pulmonary infection (i.e., negative respiratory viral panel, negative flu test, and other clinically-indicated respiratory infectious disease testing negative) or an infection has been identified, but you feel this is not the sole cause of the lung injury or complete infectious disease testing was not performed, but you feel an infection is not the sole cause of the lung injury (**AND**)
    - There is no other alternative plausible diagnosis such as a cardiac, rheumatologic or neoplastic process.

**Note:** For more information, see the full case definition at [https://www.cdc.gov/tobacco/basic\\_information/e-cigarettes/severe-lung-disease/health-departments/index.html#primary-case-def](https://www.cdc.gov/tobacco/basic_information/e-cigarettes/severe-lung-disease/health-departments/index.html#primary-case-def)

- If e-cigarette or vaping product use is suspected as a possible etiology of a patient's lung injury obtain a detailed history regarding:
  - Substance(s) used
  - Substance source(s)
  - Device(s) used
  - Where the product(s) were purchased
  - Method of substance use

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### **Background**

While the multi-state outbreak of vaping-associated lung injury has waned nationally, the Centers for Disease Control and Prevention (CDC) and public health agencies in Washington State continue to investigate vaping-associated lung injury to better understand its prevalence and cause(s). The latest information about the outbreak can be found on the CDC website at: [https://www.cdc.gov/tobacco/basic\\_information/e-cigarettes/severe-lung-disease.html](https://www.cdc.gov/tobacco/basic_information/e-cigarettes/severe-lung-disease.html) and the WA State Department of Health website at: <https://www.doh.wa.gov/emergencies/vapingassociatedlunginjury>.

National data from patient reports and product sample testing show tetrahydrocannabinol (THC)-containing vapor products, particularly from informal sources like friends, family, or in-person or online dealers, are linked to most VALI cases and play a major role in the outbreak. Vitamin E acetate, a product used to produce THC-containing vapor products, is also strongly linked to the VALI outbreak. Vitamin E acetate has been found in product samples tested by FDA and state laboratories and in patient lung fluid samples tested by CDC from geographically diverse states. Evidence is not sufficient to rule out the contribution of other chemicals of concern, including chemicals in either THC or non-THC products, in some of the reported VALI cases.

### **Resources**

CDC clinical considerations and resources for healthcare providers:  
[https://www.cdc.gov/tobacco/basic\\_information/e-cigarettes/severe-lung-disease/healthcare-providers/index.html](https://www.cdc.gov/tobacco/basic_information/e-cigarettes/severe-lung-disease/healthcare-providers/index.html)

**2019 Novel Coronavirus (2019-nCoV) Webinar for Healthcare, Public Health and EMS Partners – Friday February 14, 2020, 2:00 PM – 3:30 PM**

### ***Requested Action Regarding 2019-nCoV Webinar***

- Attend a webinar on 2019 Novel Coronavirus (2019-nCoV), on **Friday, February 14th** from **2:00-3:30pm** hosted by the Washington State Department of Health.
  - The webinar will:
    - Provide a summary of the current epidemiology of 2019 Novel Coronavirus (nCoV),
    - Provide updates on the public health response,
    - Orient attendees to the new CDC guidance for healthcare, including the EMS infection control guidance <https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-for-ems.html> and risk assessment for healthcare personnel <https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-risk-assesment-hcp.html>
    - Answer questions from attendees.
- **REGISTER HERE:** <https://register.gotowebinar.com/register/3901210596709298699>. Once you register, you'll receive information on how to login to the webinar.
- Share the webinar information with your healthcare colleagues.

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### **Background**

Public Health continues to closely monitor an outbreak of respiratory illness caused by a novel coronavirus (2019-nCoV) initially detected in Wuhan City, Hubei Province, China in December 2019. Washington State has 1 confirmed case with other persons being tested and monitored. We currently have no cases in Thurston County.

This CD Update provides a situational update and interim guidance for clinicians caring for patients with 2019-nCoV <https://www.cdc.gov/coronavirus/2019-ncov/hcp/clinical-guidance-management-patients.html>, for the evaluation and testing of patients under investigation (PUIs) for 2019-nCoV <https://www.cdc.gov/coronavirus/2019-nCoV/hcp/clinical-criteria.html>, and updated infection prevention and control guidance specific to 2019-nCoV <https://www.cdc.gov/coronavirus/2019-nCoV/hcp/infection-control.html>.

The first US case-patient was identified on January 21, 2020 in Snohomish County, and had recently traveled from Wuhan, China. Since that time, 12 additional cases have been confirmed in 6 states in the United States. Globally, reported illnesses in people with 2019-nCoV have ranged from mild (no or few signs and symptoms), to severe, including death. These findings are consistent with other coronaviruses, including Severe Acute Respiratory Syndrome (SARS) <https://www.cdc.gov/sars/> and Middle East Respiratory Syndrome (MERS) <https://www.cdc.gov/coronavirus/mers/index.html>. Additional information about 2019-nCoV is needed to better understand transmission, disease severity, and risk to the general population. The goal of the ongoing US public health response is to identify and contain this outbreak and prevent sustained spread of 2019-nCoV in the US.

### **Resources – Periodically refresh your browser to assure you receive the most up to date information**

CDC - Flowchart to Identify and Assess 2019 Novel Coronavirus  
<https://www.cdc.gov/coronavirus/2019-ncov/hcp/identify-assess-flowchart.html>

CDC Situation Summary page - <https://www.cdc.gov/coronavirus/2019-ncov/index.html>

WA DOH - Novel Coronavirus Outbreak General Information  
<https://www.doh.wa.gov/Emergencies/Coronavirus>

WA DOH - Interim Infection Control Guidance for Prehospital Emergency Medical Services (EMS)  
<https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-for-ems.html>

CDC Information for Healthcare Professionals  
<https://www.cdc.gov/coronavirus/2019-nCoV/guidance-hcp.html> and  
<https://www.cdc.gov/coronavirus/2019-ncov/hcp/guidance-risk-assesment-hcp.html>,

WA DOH/CDC - Healthcare Infection Prevention Guidance (CDC)  
<https://www.cdc.gov/coronavirus/2019-nCoV/hcp/infection-control.html>

WA DOH - Specimen collection and submission information  
<https://www.doh.wa.gov/ForPublicHealthandHealthcareProviders/PublicHealthLaboratories/MicrobiologyLabTestMenu>

WA DOH - Information for School Nurses and Administrators DOH  
<https://www.doh.wa.gov/Emergencies/Coronavirus/Schools>

CDC Interim Guidance for Preventing Transmission in Homes and Communities  
<https://www.cdc.gov/coronavirus/2019-ncov/guidance-prevent-spread.html>



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CDC Guidance for Travelers - <https://wwwnc.cdc.gov/travel/notices/watch/novel-coronavirus-china>

CDC Guidance for Businesses and Employers - <https://www.cdc.gov/coronavirus/2019-ncov/guidance-business-response.html>

**Forms, Checklists, and Posters**

CDC - Healthcare Professional Preparedness Checklist For Transport and Arrival of Patients Potentially Infected with 2019-nCoV <https://www.cdc.gov/coronavirus/2019-ncov/hcp/hcp-personnel-checklist.html>

CDC - Hospital Preparedness Checklist <https://www.cdc.gov/coronavirus/2019-ncov/hcp/hcp-hospital-checklist.html>

CDC Interim 2019 novel coronavirus (2019-nCoV) patient under investigation (PUI) form - <https://www.cdc.gov/coronavirus/2019-ncov/downloads/pui-form.pdf>

WA DOH Healthcare Provider patient evaluation form - <https://www.doh.wa.gov/Portals/1/Documents/1600/Interim-2019NovelCoronavirusQuicksheetProviders.pdf>

WA DOH - Healthcare Personnel Tracking Form <https://www.doh.wa.gov/Portals/1/Documents/1600/HCPTrackingForm2019-nCoV.pdf>

WA DOH - Waiting Room Posters <https://www.doh.wa.gov/Portals/1/Documents/Pubs/420-277-Coronavirus-poster-8.5x11.pdf>

WA DOH - Novel Coronavirus Fact Sheet <https://www.doh.wa.gov/Portals/1/Documents/1600/NovelCoronavirusFactSheet.pdf>

WA DOH - Washington State Hospital Association Isolation Sign for nCoV <https://www.doh.wa.gov/Portals/1/Documents/1600/AirborneRespiratorContactPrecautionSign-nCoV.PDF>

**THANK YOU FOR REPORTING - WE COULD NOT DO THIS WORK WITHOUT YOU**

TO REPORT A NOTIFIABLE CONDITION IN THURSTON COUNTY	
Voice mail for reporting <b>non-immediately reportable conditions (24 hours a day)</b>	Phone: 360-786-5470 Fax: 360-867-2601
<b>Day time immediately reportable conditions</b> – Call detailed information to the 24-hour Notifiable Condition Reporting Line at 360-786-5470. Messages are picked up hourly. If a call back can't wait call 360-867-2500 and ask staff to locate a Communicable Disease staff.	Phone: 360-786-5470
<b>After hours immediately and 24-hour reportable conditions or a public health emergency</b>	Call 911 and ask staff to locate the Administrator-On-Call.
No one is available with Thurston County Public Health and condition is <b>immediately notifiable</b>	1-877-539-4344

Communicable Disease Updates are posted online at: <http://bit.ly/CDUpdatePHSS>