



**Case Definition – E-cigarette, or Vaping, Associated Acute Lung Injury (E-VALI):**

[https://www.nejm.org/doi/full/10.1056/NEJMoa1911614;](https://www.nejm.org/doi/full/10.1056/NEJMoa1911614)

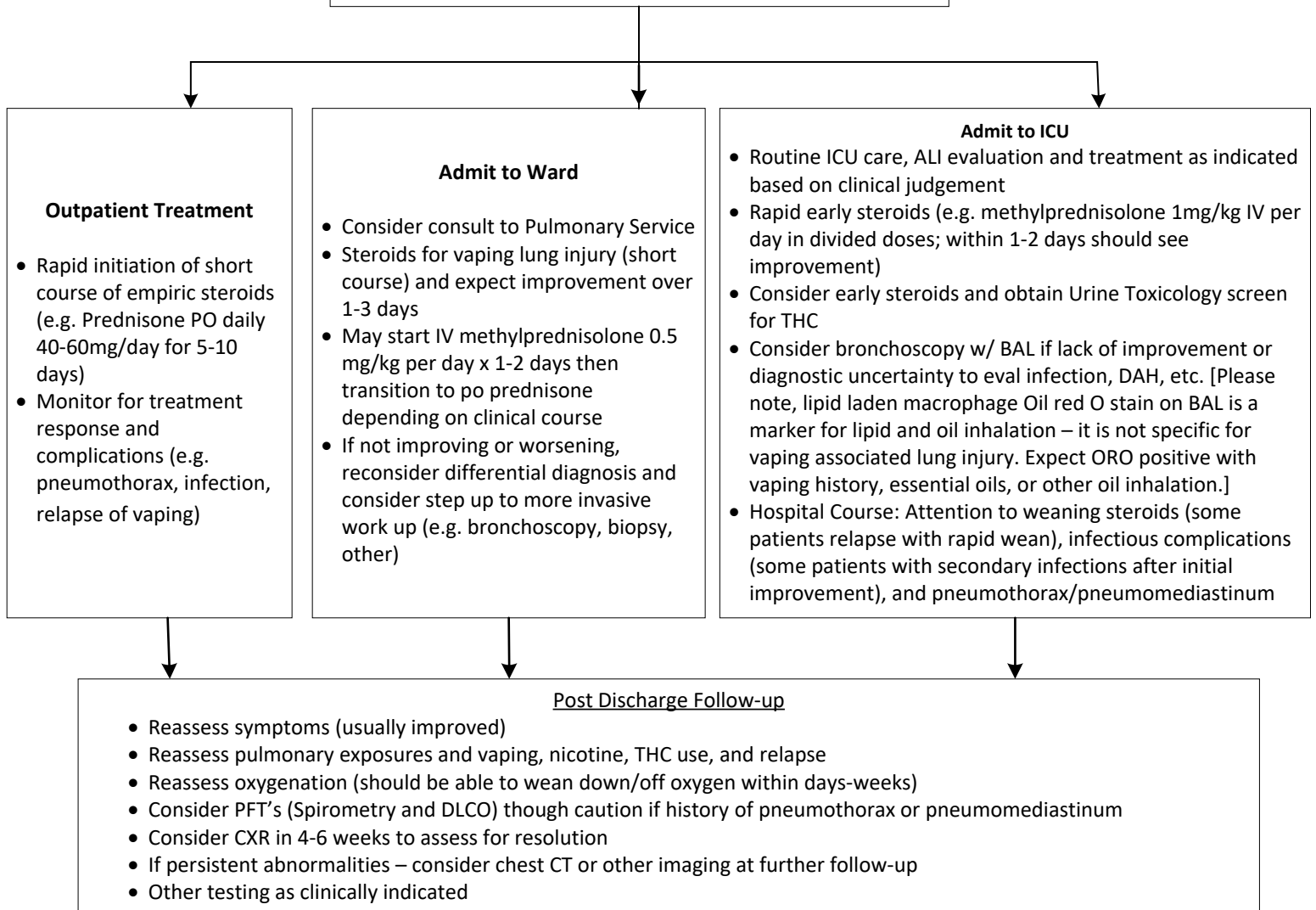
[https://www.cdc.gov/tobacco/basic\\_information/e-cigarettes/severe-lung-disease/healthcare-providers/index.html](https://www.cdc.gov/tobacco/basic_information/e-cigarettes/severe-lung-disease/healthcare-providers/index.html)

Person with reported use of e-cigarette devices and related inhalational products in the 90 days before symptom onset with pulmonary infiltrates on imaging, whose illness was not attributed to other causes.

**All Patients: Contact Intermountain EVALI Taskforce; Telecritical Care (available 24/7) for support, follow up, and public reporting;**

- Assess oxygenation
- Obtain vaping history – counsel on Vaping and tobacco cessation
- Avoid all fumes, dust, essential oils, and other respiratory irritants
- May include empiric antibiotics for pneumonia
- Close outpatient follow-up

**Disposition Based on Patient Clinical Presentation**



**KEY:** ALI: Acute Lung Injury; ALT: Alanine Aminotransferase; AST: Aspartate Aminotransferase; BAL: Bronchoalveolar Lavage; CDC: Center for Disease Control; CT: Computerized Tomography; CXR: Chest X-ray; DAH: diffuse alveolar hemorrhage; DLCO: Diffusing Lung Capacity for Carbon Monoxide; ESR: Erythrocyte Sedimentation Rate; GGO: Ground Glass Opacities; GI: Gastrointestinal; ICU: Intensive Care Unit; IV: Intravenous; kg: kilogram; mg: milligram; LFT: Liver Function Test; PFT: Pulmonary Function Test; PO: by mouth; THC: Tetrahydrocannabinol (active ingredient in cannabis); Synonyms: VAPI: Vaping Associated Pulmonary Injury; VALI: Vaping Associated Acute Lung Injury; E-VALI: e-cigarette, or vaping, Associated Acute Lung Injury;

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**E-Cigarette, or VAPING, ASSOCIATED LUNG INJURY (E-VALI) GUIDELINE**