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# Hot Topic: Dental Vaccinations

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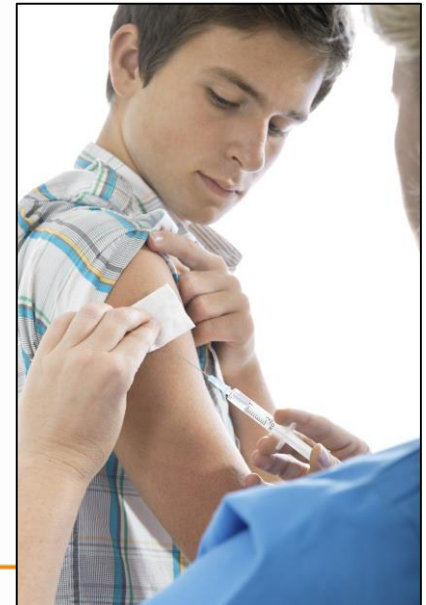
# Oregon is the first state to allow dentists to give all vaccines!!!

- House Bill 2220 was signed into law on May 6, 2019 authorizing Oregon dentists to prescribe and administer vaccines beginning January 1, 2020
  - Oregon Dental Association introduced the legislation
  - Key partners: OHSU School of Dentistry, OHA, Board of Dentistry, Board of Pharmacy



# Why Dentists?

- Supports efforts to further integrate oral health with overall health
- Dentists already provide injections in the mouth, with a detailed understanding of anatomy, immunology and allergic responses



# Key Elements of Rules for Dentists

- Dentists may only administer vaccines to a patient of record
- Dentists must complete a training course approved by the Board of Dentistry
  - OHSU School of Dentistry’s training course was recently approved
  - Training course is now part of the curriculum for dental students, and will be offered to graduated dentists through their continuing education department
- Vaccines must be administered in accordance with the “Model Standing Order” approved by OHA

# Implementation

- Most dentists and practices who choose to administer vaccines will probably start with the flu vaccine
- OHSU School of Dentistry has already conducted a flu vaccination training and clinic
  - The school's dean, Dr. Phil Marucha, was the first patient in Oregon to receive a vaccination from a dentist or dental student!
- Natural opportunity to administer the HPV vaccine to prevent HPV-associated oropharyngeal cancer



# HPV-Associated Oropharyngeal Cancer

- Oropharyngeal cancer is associated with smoking and alcohol consumption
  - More common in men than women
  - More common among whites than other races/ethnicities
- Approximately two thirds of cases are HPV-attributable
- 2016 age-adjusted rate of new HPV-associated oropharyngeal squamous cell carcinoma cases in Oregon was 5.3 per 100,000 people
  - Among women the rate was 1.4 cases per 100,000 people
  - Among men the rate was 9.5 per 100,000 people
    - Higher than the rate of HPV-associated cervical carcinoma for women (6 per 100,000 Oregon women)

# Oropharyngeal Carcinoma

