RESOLUTION

Subject: Inclusion of HPV Vaccine on the State Mandated Immunization Schedule

Submitted by: Resident Fellows Section

Referred to: Reference Committee

WHEREAS, Human Papillomavirus (HPV) is a large group of viruses responsible for nearly all cervical cancers, and cancers, and most oropharyngeal, penile, vaginal, and vulvar cancers¹; and

WHEREAS, the current 9-valent HPV vaccine protects against 9 different HPV strains, including type 16 and 18 which cause most HPV-related cancers^{2,3}; and

WHEREAS, the current 9-valent vaccine and prior HPV vaccines have been shown to be extremely safe with minimal side effects^{4,5}; and

WHEREAS, the CDC currently recommends routine HPV vaccination at 11-12 years, however it can be given earlier or later²; and

WHEREAS, the vaccines have the potential to prevent more than 90% of HPV-related cancers and there has already been a significant drop in HPV infections, genital warts, and precancerous cervical lesions in young women²; and

WHEREAS, Kentucky trails the national average in HPV vaccinations by 10%, has a higher incidence of HPV cancers, and is in the top 3 states nationally for cervical cancer incidence⁶, and

WHEREAS, in Kentucky there are 7 vaccinations (DTaP, polio, HepA, HepB, MMR, Varicella, Meningococcal) on the mandated immunization schedule required for attending schools, however HPV is not among them⁷; and

WHEREAS, school-required HPV vaccination has been shown to increase rates of vaccination in other states that have mandated it^{8,9}; now, therefore, be it

RESOLVED, that KMA support inclusion of the HPV vaccine on the state mandated immunization schedule.

References

- 1. HPV and Cancer NCI. Published March 1, 2019.https://link.edgepilot.com/s/27cde8d5/KSA0z2USHUykM0Eee0xQXQ?u=https://www.cancer.gov/about-cancer/causes-prevention/risk/infectious-agents/hpv-and-cancer
- 2. HPV Vaccination Recommendations | CDC. Published May 22, 2023. https://link.edgepilot.com/s/383d1b68/EoqSfglilkS1ecH_hT2Mlg?u=https://www.cdc.gov/vaccines/vpd/hpv/hcp/recommendations.html
- 3. HPV Vaccination: What Everyone Should Know | CDC. Published May 22, 2023. https://link.edgepilot.com/s/75a3a545/UpKxTdwsn0_TR18_0xeVlw?u=https://www.cdc.gov/vaccines/vpd/hpv/public/index.html
- 4. CDC. HPV Vaccine Safety. Centers for Disease Control and Prevention. Published November 1, 2021. https://link.edgepilot.com/s/dde7c78c/exgLPJpYikiCOyf-UTGYEQ?u=https://www.cdc.gov/hpv/hcp/vaccine-safety-data.html
- 5. Human papillomavirus (HPV) vaccines in adults: Learnings from long-term follow-up of quadrivalent HPV vaccine clinical trials.
 - https://link.edgepilot.com/s/adca6d5c/80AidGc2PEyFMm4bQ1ZV6A?u=https://www.tandfonline.com/doi/epdf/10.1080/21645515.2023.2184760?needAccess=true
- Pingali C, Yankey D, Elam-Evans LD, et al. Vaccination Coverage Among Adolescents Aged 13–17 Years National Immunization Survey–Teen, United States, 2022. MMWR Morb Mortal Wkly Rep. 2023;72(34):912-919. doi:10.15585/mmwr.mm7234a3
- 7. 902 KAR 2:060. Immunization Schedules for Attending Child Day Care Centers, Certified Family Child Care Homes, Other Licensed Facilities Which Care for Children, Preschool Programs, and Public and Private Primary and Secondary Schools. https://link.edgepilot.com/s/5e936d36/GChD5DuyIEGQkGbBxfOnHQ?u=https://www.chfs.ky.gov/agencies/dph/dehp/imm/06 0.pdf
- 8. HPV Vaccine Requirements for Elementary and Secondary Schools. Immunize.org. Published August 7, 2023. https://link.edgepilot.com/s/cdcb9011/cEZvxOqxOkWxwFk_hpSUUA?u=https://www.immunize.org/official-guidance/state-policies/vaccine-requirements/hpv-secondary/
- 9. Greyson D, Vriesema-Magnuson C, Bettinger JA. Impact of school vaccination mandates on pediatric vaccination coverage: a systematic review. *CMAJ Open.* 2019;7(3):E524-E536. doi:10.9778/cmajo.20180191