

SB514

Measure Title: RELATING TO HEALTH.

Report Title: Health; Education; Human Papillomavirus Vaccine; Pharmacists

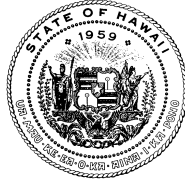
Description: Authorizes pharmacists to prescribe and administer the human papillomavirus vaccine to persons between eleven and seventeen years of age. Specifies requirements pharmacists must meet prior to administering the human papillomavirus vaccine.

Companion: [HB676](#)

Package: Women's Legislative Caucus

Current Referral: CPH

Introducer(s): BAKER, KIDANI, Harimoto, Inouye, Kim, Shimabukuro



STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. Box 3378
Honolulu, HI 96801-3378
doh.testimony@doh.hawaii.gov

**Testimony in SUPPORT of S.B. 514
RELATING TO HEALTH**

SENATOR ROSALYN H. BAKER, CHAIR

SENATE COMMITTEE ON COMMERCE, CONSUMER PROTECTION, AND HEALTH

Hearing Date: February 24, 2017

Room Number: 229

1 **Fiscal Implications:** None for the Department.

2 **Department Testimony:** The Department is supportive of S.B. 514 as it may improve human
3 papillomavirus (HPV) vaccination rates in Hawaii by increasing access to HPV vaccine as well
4 as potentially increasing available supply for the pediatric population, statewide.

5 In 2015, according to U.S. Centers for Disease Control and Prevention National Immunization
6 Survey, Teen data, HPV vaccine series completion rates for girls aged 13–15 years in Hawaii are
7 estimated to be 44% (CI±11) and for males aged 13–15 years, 29% (CI±10). These rates are
8 well below the Healthy People 2020 target of 80% coverage levels for males and females aged
9 13–15 years.

10 HPV vaccine differs from other immunizations recommended for adolescents aged 11–12 years
11 (Tdap, MCV4, influenza) in that multiple doses (total number required is dependent upon the age
12 at which vaccination is initiated and the child's health status) administered within a 6-month
13 period are required for series completion. Hawaii's poor HPV vaccination rates and the
14 complexity of the HPV immunization schedule are indicators that the development of novel
15 approaches to vaccination, such as the creation of opportunities for increased collaboration
16 between the medical home and pharmacists proposed by this measure, should be encouraged to
17 provide enhanced access to HPV vaccine for Hawaii's keiki.

18 It should be noted that this measure would currently benefit only those with private insurance as
19 pharmacists/pharmacies do not participate in the Hawaii Vaccines For Children Program, which
20 supplies vaccines for administration to Medicaid/MedQuest-eligible patients.

21 Thank you for your consideration of this important health topic and for the opportunity to testify.

**PRESENTATION OF THE
BOARD OF PHARMACY**

TO THE SENATE COMMITTEE ON
COMMERCE, CONSUMER PROTECTION, AND HEALTH

TWENTY-NINTH LEGISLATURE
Regular Session of 2017

Friday, February 24, 2017
9:30 a.m.

TESTIMONY ON SENATE BILL NO. 514, RELATING TO HEALTH.

TO THE HONORABLE ROSALYN H. BAKER, CHAIR,
AND MEMBERS OF THE COMMITTEE:

My name is Lee Ann Teshima, Executive Officer for the Board of Pharmacy (“Board”). I appreciate the opportunity to testify on Senate Bill No. 514, Relating to Health. This bill would authorize pharmacists to administer the human papillomavirus vaccine to persons between eleven and seventeen years of age, pursuant to Hawaii Revised Statutes (“HRS”) section 461-11.4.

The Board supports this bill and would like to emphasize that pursuant to HRS 461-11.4, in order to administer this vaccine, the pharmacist must:

- Have a valid prescription and verify that the prescriber or the prescriber’s authorized agent is the patient’s medical home. This ensures that the patient was examined by the primary care physician who, working in collaboration with the family, oversees the acute, chronic and preventive health needs of the patient in a comprehensive, coordinated, and continuous fashion;

- Have completed a training program approved by the Accreditation Council of Pharmacy Education prior to administering the vaccine;
- After any vaccination is administered, immediately provide to the patient a vaccination record including the patient's name, date of birth, type of vaccine administered and the date and location it was administered; and
- Provide, within seventy-two hours to the medical home and within five business days to the department of health immunization registry, the same information provided to the patient pursuant to subsection (b) as well as the name of the vaccine administered, manufacturer, lot number and expiration date, method of administration and anatomical site of administration.

In regards to the training that is required to administer a vaccine to a minor, the course must be approved by the Accreditation Council of Pharmacy Education ("ACPE"). ACPE is a non-profit accreditation national agency recognized by the Council on Higher Education Accreditation and the U. S. Department of Education. The ACPE is also the Board's recognized approved provider for pharmacists' continuing education ("CE"). The approved pharmacy-based immunization delivery CE course offered by the American Pharmacists Association is approved by the ACPE for 12-contact hours of the self-study component and 8 hours of live training that is required for the completion of the certificate training program. In addition to the initial training program, pharmacists who administer a vaccine to a minor must also complete a training program every other biennial renewal period and submit proof of completion of the board approved course. Pharmacists who have

completed the initial pharmacy-based immunization delivery CE course are listed on the Board's webpage. This allows the public to see which pharmacists at which pharmacy have completed the training in order to administer a vaccine to a minor.

Thank you for the opportunity to present testimony on Senate Bill No. 514.



February 21, 2017

To: Hawai'i State Senate Committee on Commerce, Consumer Protection, and Health
Hearing Date/Time: Friday, February 24, 2017 (9:30 a.m.)
Place: Hawai'i State Capitol, Rm. 229
Re: Testimony of American Association of University Women – Hawai'i in **SUPPORT of S.B. 514**, relating to health, pharmacists, and HPV

Dear Senator Rozalyn H. Baker (Chair), Senator Clarence K. Nishihara (Vice Chair), and Members of the Committee,

I am grateful for this opportunity to testify in **strong support of S.B. 514**, relating to health and the ability of pharmacists to provide the human papillomavirus vaccine (HPV).

My testimony is on behalf of the approximately 400 members of the American Association of University Women (AAUW) in Hawai'i, who list women's access to reproductive medical care as an important current concern. In addition, over the years, many of my family and friends have experienced the devastating effects of cancer.

Based on these experiences, I argue that passage of S.B. 514 is important, with the potential to save lives, and to increase quality of life for many living in Hawai'i. Young people may not be current with needed vaccinations, and HPV compliance is lacking on the islands. This bill has the potential to increase the numbers of young people who get vaccinated, and ultimately, to decrease the number of people suffering from a preventable form of cancer. The bill fits with current CDC recommendations. HPV is a wonderful medical breakthrough, and any measure which improves uptake of this life-enhancing vaccination should be passed.

In conclusion, passage of S.B. 514 is an important step in decreasing cancer rates in Hawai'i, and deserves to move forward into law.

Thank you for the opportunity to testify.

Sincerely
Susan J. Wurtzburg, Ph.D.
Policy Chair



UNIVERSITY OF HAWAII SYSTEM

Legislative Testimony

Testimony Presented Before the
Senate Committee on Commerce, Consumer Protection and Health
Friday, February 24, 2017 at 9:30 a.m.

by
Carolyn Ma, PharmD, BCOP
DEAN
UH Hilo – Daniel K. Inouye College of Pharmacy (DKICP)

SB 514 – RELATING TO HEALTH

Chair Baker, Vice Chair Nishihara, and members of the committee:

My name is Carolyn Ma, and I am the Dean for the UH Hilo Daniel K. Inouye College of Pharmacy (DKICP). The college fully supports this bill that will allow registered pharmacists trained and certified in vaccine administration to administer the Human Papilloma Virus vaccine to 11-17 year old patients.

In relation to this bill, the DKICP, via the certified American Pharmacists Association (APHA) course, provides training in immunization administration in the first professional year. Student pharmacists are expected to apply these skills in their experiential rotation courses throughout the remaining three years of training and also in numerous community health screening and immunization events. Courses in oncology, contraception, reproductive pharmacology and women's health, and pediatrics are taught in the 3rd professional year. Education is provided throughout the four year professional curriculum on medication assessment and therapeutic recommendations via related laboratory tests and subjective/objective findings related to disease and drug therapy. A similar curriculum is presented in all U.S. accredited (ACPE) colleges of pharmacy.

The DKICP has also provided training to practicing pharmacists through their training program via the Hawai'i Pharmacists Association. **Please note that all immunizing pharmacists and student pharmacists MUST be certified in BLS or Basic Life Support if they are immunizing patients. BLS training allows for cardiopulmonary resuscitation (CPR) of adults, children and infants and also for other first responder interventions. In addition, immediate access to epinephrine must be available at any vaccination site.**

There is recommended observation for 15 minutes post vaccine administration due to a possible adverse reaction of fainting. Via the Vaccine Adverse Events Reporting System (VAERS), there has only been one report of fainting reported in Hawai'i since the Gardasil 9 vaccine was released in 2014. The Center for Disease Control (CDC) and the Federal Drug Administration (FDA) state several limitations to the VAERS system in that since the system captures only self-reporting, there may be reporting

bias, inconsistent data quality and completeness, and that report of an adverse event does not necessarily attribute causality to the vaccine. As well, the data base does not have a non-vaccinated portion for comparison.²

There is concern regarding the declining rate of uptake of the HPV vaccine. In a recent survey of incoming freshmen performed at the UH Mānoa and UH Hilo campuses respectively, only 22% and 5% of students have been fully vaccinated.¹ Students who had not received at least one of three shot series were 69% and 78% respectively.¹

The recommended age of vaccination is at age 11-12 years. Due to the limitation of current Hawai'i state law in regards to minimum age for pharmacist vaccination, patients younger than 14 years old must either receive the vaccine in their provider's office or if the provider does not stock the vaccine, take a prescription to a pharmacy. Upon dispensing, the patient would need to return to the provider for administration. This may pose problems in the case of rural distances but more importantly that the proper transportation and storage of the HPV vaccine requires specific cold chain storage and verification of this cannot be assured once the vaccine has left the pharmacy and is in the possession of the patient.

Statistics from APHA/NASPA State Immunization Laws/Rules (Jan. 2015) show that 23 states allow pharmacists to immunize in all ages for HPV. Pharmacists have in the last 20 years become the largest body of health professionals who are able to make a significant impact on vaccination uptake. Given our training and accessibility, pharmacists can provide significant impact in the battle against this virus that may cause a number of cancers in both men and women.

Thank you for the opportunity to testify on behalf of SB 514.

¹ Corpuz, SA. Assessing Human Papillomavirus (HPV) & Human Papillomavirus Vaccination among University of Hawai'i at Manoa and University of Hawai'i at Hilo Freshmen. Office of Public Studies, University of Hawai'i at Manoa

² <https://wonder.cdc.gov/controller/datarequest/D8;jsessionid=A1FDBC9299B0602E211BFED8D5E1779F>

From: mailinglist@capitol.hawaii.gov
Sent: Thursday, February 23, 2017 7:26 AM
To: CPH Testimony
Cc: hawaii pharm@gmail.com
Subject: Submitted testimony for SB514 on Feb 24, 2017 09:30AM

SB514

Submitted on: 2/23/2017

Testimony for CPH on Feb 24, 2017 09:30AM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Hiromi Saito	Hawaii Pharmacists Association	Support	No

Comments: Honorable Rosalyn Baker, Chair and members of the Commerce, Consumer Protection & Health Committee My name is Hiromi Saito, I am a registered pharmacist, President of Hawaii Pharmacists Association (HPhA). HPhA supports SB514 Relating to Health. Pharmacists are qualified and trained to initiate and administer the human papilloma virus vaccine. Pharmacists should be considered to do so for other vaccines, such as, meningococcal, influenza, or tetanus, diphtheria & pertussis vaccines to people between eleven and seventeen years of age. Those people who are age of 11 to 17 years are busy with schooling and sports. Pharmacies are open around the clock, including the weekends and holidays. Pharmacists will increase to the access to those vaccines to the younger age people without making special accommodation of their routine of daily life as well as their parents'. Pharmacists should meet all requirements of record keeping and reporting to all governmental agencies and primary care provides. Pharmacists should be allowed to initiate and administer epinephrine and diphenhydramine injectables in case of severe allergic reactions. HPhA supports SB514 to improve our state's preventive health services. Thank you for your time Hiromi Saito RPh, BCACP, CDE, AAHIVP President Hawaii Pharmacists Association PO Box 22954 Honolulu, HI 96823

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email webmaster@capitol.hawaii.gov



American Cancer Society
Cancer Action Network
2370 Nu`uanu Avenue
Honolulu, Hawai`i 96817
808.432.9149
www.acscan.org

Senate Committee on Commerce, Consumer Protection and Health
Senator Rosalyn Baker, Chair
Senator Clarence Nishihara, Vice Chair
Members of the Committee

SB 514 – RELATING TO HEALTH

Cory Chun, Government Relations Director – Hawaii Pacific
American Cancer Society Cancer Action Network

Thank you for the opportunity to provide testimony in support of SB 514, which allows pharmacists to provide the human papillomavirus (HPV) vaccine to individuals between the age of 11 to 17 with a valid prescription.

The American Cancer Society Cancer Action Network (ACS CAN) is the nation's leading cancer advocacy organization. ACS CAN works with federal, state, and local government bodies to support evidence-based policy and legislative solutions designed to eliminate cancer as a major health problem.

ACS CAN strongly believes in preventing cancer before it develops and in detecting cancer early, when it is more easily treated. We support policies that remove barriers to care and increase access to cancer screening and early detection services.

HPV's are a group of more than 150 related viruses and HPV infections are very common - nearly 80 million people in the US are currently infected with HPV.ⁱ Each year, approximately 30,700 men and women are diagnosed with cancers caused by the human papillomavirus (HPV).ⁱⁱ HPV causes over 90 percent of cervical cancers, 69 percent of vulvar cancers, 75 percent of vaginal cancers, 63 percent of penile cancers, 91 percent of anal cancer, and 72 percent of oropharyngeal cancers.ⁱⁱⁱ

Vaccines are available to help prevent infection by certain types of HPV and some of the cancers linked to those types. All HPV vaccines help prevent infection by HPV-16 and HPV-18. These 2 types cause about 70% of all cervical cancers and pre-cancers, as well as many cancers of the anus, penis, vulva, vagina, and throat^{iv}. The HPV vaccine produces the strongest immune response in preteens. To work best, the HPV vaccines should be given at age 11 or 12.

Since the first HPV vaccine was recommended in the US in 2006, prevalence of some types of HPV infections have declined by nearly two-thirds among teenage girls aged 14-19 and over a third among women 20-24 years old.^v Despite the vaccine's ability to prevent most cervical, vaginal, vulvar, penile, anal, rectal, and oropharyngeal cancers, vaccination rates remain very low. Only 52 percent of girls and 36 percent of boys in Hawaii are fully vaccinated from HPV.

The HPV vaccine can prevent multiple types of cancer that will reduce Hawaii's cancer burden. ACS CAN urges the committee to pass this legislation as it will help increase vaccination uptake, ultimately reducing cancer incidence and mortality in the state of Hawaii.

Thank you for the opportunity to provide testimony on this important issue.

ⁱ Centers for Disease Control and Prevention. *Genital HPV infection – fact sheet*. Updated May 19, 2016. Accessed June 2016. <http://www.cdc.gov/std/HPV/STDFact-HPV.htm#a7>.

ⁱⁱ Viens LJ, Henley J, Watson M, Markowitz LE, Thomas CC, Thompson TD, et al. Human Papillomavirus-Associated Cancers – United States, 2008-2012. *MMWR*. 2016; 65(26): 661-66.

ⁱⁱⁱ Centers for Disease Control and Prevention. *The link between HPV and cancer*. Updated September 30, 2015. Accessed June 2016. <http://www.cdc.gov/hpv/parents/cancer.html>.

^{iv} American Cancer Society. HPV Vaccines. Updated July 13, 2016. Accessed February 2017. <https://www.cancer.org/cancer/cancer-causes/infectious-agents/hpv/hpv-vaccines.html>.

^v Markowitz LE, Liu G, Hariri S, Steinau M, Dunne EF, Unger ER. Prevalence of HPV after introduction of the vaccination program in the United States. *Pediatrics*. 2016; 137(2):e20151968.

**American Congress of Obstetricians and Gynecologists
District VIII, Hawaii (Guam & American Samoa) Section**

Greigh Hirata, MD, FACOG, Chair
94-235 Hanawai Circle, #1B
Waipahu, Hawaii 96797



To: Committee on Commerce, Consumer Protection and Health
Senator Rosalyn Baker, Chair
Senator Clarence Nishihara, Vice Chair

DATE: Friday, February 24, 2017
TIME: 9:30 A.M.
PLACE: Conference Room 229

FROM: Hawaii Section, ACOG
Dr. Greigh Hirata, MD, FACOG, Chair
Dr. Jennifer Salcedo, MD, MPH, MPP, FACOG, Vice-Chair
Lauren Zirbel, Community and Government Relations

**Re: SB514 Relating to Pharmacists administering HPV vaccines to patients
between 11 to 17 years of age**

Position: Support

Dear Senators Baker, Nishihara and Committee Members:

The American Congress of Obstetricians and Gynecologists, Hawaii Section (Hawaii ACOG) supports SB 514 allowing Pharmacists to administer HPV vaccines to patients between 11-17 years of age.

HPV is associated with multiple cancers, including anogenital cancer (including cervical, vaginal, vulvar, penile, and anal), oropharyngeal cancer, and genital warts. The HPV vaccination can significantly reduce the incidence of anogenital cancer and genital warts.

The Centers for Disease Control and Prevention and the American College of Obstetricians and Gynecologists recommend routine vaccination with HPV vaccine for girls and boys. The 9-valent HPV vaccine is recommended by the Advisory Committee on Immunization Practices and was licensed by the U.S. Food and Drug Administration in December 2014 for girls and boys aged 11–12 years. Compared with other vaccines recommended in the same age bracket, HPV vaccination rates in the United States are unacceptably low. Safety data for all three HPV vaccines are reassuring. According to the Vaccine Adverse Events Reporting System, more than 60 million doses of HPV vaccine have been distributed, and there are no data to suggest that there are any severe adverse effects or adverse reactions linked to vaccination. The HPV vaccine is a proven

way to prevent future cancers, and the Legislature has the ability to protect the future health of Hawaii's keiki by passage of this legislation.

We feel that this bill will increase patient access while not endangering our patient's health.

Mahalo for the opportunity to testify, and for your support of Hawaii Adolescent Health.

Reference: Human papillomavirus vaccination. Committee Opinion No. 641. American College of Obstetricians and Gynecologists. *Obstet Gynecol* 2015;126:e38-43.



To: Hawaii State Senate Committee on Commerce, Consumer Protection and Health
Hearing Date/Time: Friday, February 24, 2017, 9:30 a.m.
Place: Hawaii State Capitol, Rm. 229
Re: Testimony of Planned Parenthood Votes Northwest and Hawaii in support of S.B. 514

Dear Chair Baker and Members of the Committee,

Planned Parenthood Votes Northwest and Hawaii (“PPVNH”) writes in support of S.B. 514, which authorizes pharmacists to prescribe and administer the human papillomavirus (“HPV”) vaccine to persons between eleven and seventeen years of age.

PPVNH is dedicated to protecting and promoting the sexual and reproductive health of Hawaii’s people and we support S.B. 514 because it will help to prevent HPV-related cancers. In our health centers, we see firsthand the sometimes devastating effects of HPV on our patients. Authorizing pharmacists to provide the HPV vaccination to 11-year-olds corresponds with the recommendations of the CDC and will help to reduce cervical and other cancer rates.

The CDC recommends routine vaccinations for all youth between the ages of 11 and 12. Yet, too few adolescents in Hawaii are receiving HPV vaccines, which results in more cases of HPV and cervical and other cancers and diseases. According to the Centers for Disease Control and Prevention, HPV infects approximately 79 million people in the United States with 14 million new cases each year. HPV is so common that nearly all sexually-active men and women will get at least one type of HPV at some point in their lives. There is no cure for HPV, only treatment for related health problems.

We can do better to protect their health and while we can’t protect our youth from everything, we can help to protect them from cancer in the future by passing S.B. 514.

Sincerely,
Laurie Field



Hawaii Women's Coalition

COMMITTEE ON COMMERCE, CONSUMER PROTECTION, AND HEALTH

Senator Rosalyn H. Baker, Chair

Senator Clarence K. Nishihara, Vice Chair

DATE: Friday, February 24, 2017

TIME: 9:30AM

PLACE: Conference Room 229

STRONG SUPPORT FOR SB514 that authorizes pharmacists to prescribe and administer the human papillomavirus vaccine to persons between eleven and seventeen years of age. Specifies requirements pharmacists must meet prior to administering the human papillomavirus vaccine.

Aloha Chair Baker, Vice Chair Nishihara and members,

The Coalition supports this life saving measure. The CDC recommends routine vaccinations for all youth between the ages of 11 and 12. Yet, too few adolescents in Hawaii are receiving HPV vaccines. The military has adopted this as standard of care so that military dependents in our state are protected whereas our local people are not.

According to the Centers for Disease Control and Prevention, HPV infects approximately 79 million people in the United States with 14 million new cases each year. HPV is so common that nearly all sexually-active men and women will get at least one type of HPV at some point in their lives. There is no cure for HPV, only treatment for related health problems.

Most of our Coalition members have seen the documentary "Someone You Love," (<http://www.hpvepidemic.com>). It's grim portrayal of the dying and ultimate death of several people from preventable cancer would move anyone who saw it to support this legislation. It seems to us to be criminal not to act as the HPV vaccine prevents so much death and suffering.

Please pass this important bill out of committee.

Mahalo for the opportunity to testify,

Ann S. Freed Co-Chair, Hawai'i Women's Coalition

Contact: annsfreed@gmail.com Phone: 808-623-5676



Testimony of
Hawaii Immunization Coalition (HIC)

Before:
Senator Rosalyn H. Baker, Chair
Senate Committee on Commerce, Consumer Protection, and Health

February 24, 2017
9:30 am
Room 229

Re: SB514 Testimony in Support with Amendments, Relating to Health

Chair, Vice Chair, and committee members, thank you for this opportunity to provide testimony on SB 514.

The Hawaii Immunization Coalition is writing in **support of SB514 with amendments**. This bill would allow pharmacists to administer the human papillomavirus (HPV) vaccine to children between the ages of 11 to 17 years old. We support the bill's intent. It is important to increase the capacity of pharmacists to vaccinate Hawaii teens by expanding their vaccination administration from 14 years old and older to 11 years old and older.

The current CDC Advisory Committee on Immunization Practices (ACIP) recommendation states that the HPV vaccine should be administered at ages 11 or 12 years old. This recommendation is important because:

- For the HPV vaccine to be most effective, it must be given before sexual activity and by middle school, when 4% are already sexually active.
- Currently, Hawaii's HPV vaccination completion rates are 52% for girls and 36% for boys.
- The percentages are extremely low when compared to Hawaii's Tdap and meningococcal vaccination rates, which are at 80% for the same ages.

Our **amendments** include the addition of the Tdap (tetanus, diphtheria, and pertussis), meningococcal, and influenza (flu) shots, in addition to the HPV vaccine. The inclusion is necessary because:

- These four shots make up the "Adolescent Platform," a series of shots given to adolescents at ages 11 to 12 years old.
- The coalition wants to emphasize that the HPV vaccine should not be set apart from the other adolescent shots.
- Each is an important preventive measure to ensure our adolescents are protected from preventable diseases and some cancers.

Our pharmacists have the training and infrastructure to administer these shots.

- To vaccinate, they all face a rigorous curriculum and certification process.
- Pharmacy locations are ideal for adolescents in our rural communities to access because of convenient evening and weekend times, and flexible walk-in periods.
- Pharmacies are in a position to increase adolescent vaccination uptake in Hawaii.

The Hawaii Immunization Coalition (HIC) is a statewide, community-based non-profit 501(c) 3 coalition of public and private organizations and concerned individuals whose mission is to promote effective strategies to ensure that all of Hawaii's families are appropriately vaccinated against vaccine-preventable diseases. Focus: Immunizations across the lifespan. The coalition has been active in Hawaii since the early 1980's and has more than four hundred immunization supporters.

Thank you for your consideration.

The Hawaii Immunization Coalition (HIC) is a statewide, community-based 501C (3) non-profit organization working to ensure all of Hawaii's families are appropriately vaccinated against vaccine-preventable diseases
www.immunizehawaii.org Tax ID #20-2164266



Date: February 22, 2017

To: The Honorable Rosalyn H. Baker, Chair
The Honorable Clarence K. Nishihara, Vice Chair
Members of the Senate Committee on Commerce, Consumer Protection, and Health

From: Jessica Yamauchi, Executive Director, Hawai'i Public Health Institute

Re: **Support for SB 514, Relating to Health**

Hrg: February 24, 2017 at 9:30 am at Capitol Room 229

Thank you for the opportunity to offer testimony in support of SB 514, Relating to Health.

The Hawai'i Public Health Institute (HIPHI) supports and promotes policy efforts to create a healthy Hawai'i. HIPHI weaves silos into working relationships as an effective network, ensuring that we come together across sectors to advance collaboration and innovation in public health and work towards making Hawai'i the healthiest place on earth.

SB 514 will allow pharmacists to administer human papillomavirus (HPV) vaccine to persons between eleven and seventeen years of age. According to the Centers for Disease Control and Prevention (CDC), HPV infects approximately 79 million people in the United States with 14 million new cases each year. HPV is a very common virus that can cause cervical cancer in women; penile cancer in men, anal cancer, and cancer of the throat in men and women. The HPV vaccine protects against infection and the cancers caused by HPV. CDC recommends that preteen boys and girls receive the HPV vaccine at age eleven or twelve so they are protected prior to any exposure to the virus.

According to a CDC report in 2014, only 38% of girls and 30.9% of boys in Hawai'i are receiving the HPV vaccine.¹ Allowing pharmacists to administer this immunization will increase access. We ask that you protect our keiki and pass SB 514.

Thank you for the opportunity to provide testimony.

A handwritten signature in black ink, appearing to read "Jessica Yamauchi".

Jessica Yamauchi, MA
Executive Director

¹ <https://www.cdc.gov/mmwr/preview/mmwrhtml/mm6429a3.htm>



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February 24, 2017

The Honorable Rosalyn H. Baker, Chair
The Honorable Clarence K. Nishihara, Vice Chair
Senate Committee on Consumer Protection, and Health

Re: SB 514 – Relating to Health

Dear Chair Baker, Vice Chair Nishihara, and Members of the Committee:

The Hawaii Medical Service Association (HMSA) appreciates the opportunity to testify in support of SB 514, which authorizes pharmacists to prescribe and administer the human papillomavirus (HPV) vaccine to persons between eleven and seventeen years of age and specifies requirements pharmacists must meet prior to administering the HPV vaccine.

HMSA supports SB 514 in as much as the specific service being covered herein is consistent with pharmacists' appropriate training and education. The HPV vaccination protects against the most common strains of HPV that have been found to cause cervical and other cancers. Young women when inoculated with this vaccination will be protected against the HPV strains that cause 70% of cervical cancer cases. As of 2007, the HPV vaccine became a standard immunization, meaning it is 100% covered for HMSA members. SB 514 would increase access to this vaccine for young women and men and help reduce the incidence of HPV and the associated risk of cancers.

Thank you for allowing us to testify in support of SB 514.

Sincerely,

Mark K. Oto
Director, Government Relations.

SanHi Government Strategies

a limited liability law partnership

Gary M. Slovin
Mihoko E. Ito
R. Brian Tsujimura

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DATE: February 23, 2017

TO: Senator Rosalyn Baker
Chair, Committee on Commerce, Consumer Protection and Health
Submitted Via Capitol Website

RE: **S.B. 514 – Relating to Health**
Hearing Date: Friday, February 24, 2017 at 9:30 a.m.
Conference Room: 229

Dear Chair Baker and Members of the Committee on Commerce, Consumer Protection and Health:

We submit this testimony on behalf of Walgreen Co. (“Walgreens”). Walgreens operates stores at more than 8,200 locations in all 50 states, the District of Columbia, and Puerto Rico. In Hawaii, Walgreens now has 20 stores on the islands of Oahu, Maui, and Hawaii.

Walgreens **supports** S.B. 514, which authorizes pharmacists to prescribe and administer the human papillomavirus vaccine to persons between eleven and seventeen years of age. Currently, the law permits pharmacists to administer vaccines to persons between the ages of fourteen and seventeen.

HPV infects approximately 20 million people in the United States each year, with approximately 6.2 million new cases diagnosed annually. The Centers for Disease Control and Prevention recommends the HPV vaccine be administered to preteen girls and boys. However, recent data released by the CDC shows that HPV vaccination rates trail behind other teen vaccines in part because the two-part vaccination requires a booster to complete the vaccination series. Lowering the age at which pharmacists are allowed to administer the HPV vaccine would expand access to this important vaccine because of the convenience and accessibility of pharmacies compared to physician offices.

Gary M. Slovin
Mihoko I. Ito
R. Brian Tsujimura
C. Mike Kido
Tiffany N. Yajima
Matthew W. Tsujimura

Pharmacists are trained within the scope of their practice to provide injections and vaccinations to children as young as 3 years old. Due to this training, many states have lowered the age above which pharmacists can administer vaccines. Although this bill only addresses the HPV vaccine, allowing pharmacists to provide this preventative vaccine would align with an already established standard of practice. Accordingly, we encourage this committee to pass the measure.

We would note that in the House version of this measure, H.B. 676, HD1, an amendment was made to allow for all of the vaccines recommended for 11 year olds to be given (TDap, meningococcal and influenza). We would support the same amendment in this measure, because grouping the vaccines together will help improve immunization rates in this age group and make it more convenient to obtain them.

Thank you for the opportunity to submit testimony in support of this measure.



Eric P. Douglas
Senior Director, Government Affairs

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Northbrook, IL 60062

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c 847.651.9807
f 401.652.9342

Eric.Douglas@CVSHealth.com

Senator Rosalyn Baker, Chair
Senator Clarence Nishihara, Vice Chair
Senate Committee on Commerce, Consumer Protection and Health

Friday, February 24, 2017
Conference Room 229; 9:30 AM

RE: SB 514 – Relating to Health – In Support

Aloha Chair Baker, Vice Chair Nishihara and members of the Committee:

CVS Health is in support of SB 514 which authorizes pharmacists to prescribe and administer the human papillomavirus (“HPV”) vaccine to persons between eleven and seventeen years of age and specifies requirements pharmacists must meet prior to administering the vaccine.

The HPV vaccine prevents human papillomavirus, which is the most common sexually transmitted virus in the U.S. When administered prior to sexual contact (and therefore prior to risk of exposure to the HPV virus), the vaccine can prevent nearly 100% of diseases caused by the four types of HPV targeted by the vaccine, including the two known to cause approximately 70% of cervical cancers.

CVS Health supports appropriate expansion of professionally licensed pharmacists’ scope of practice as it relates to administering the vaccine. This is a legitimate health care need which can be met through Hawaii’s licensed pharmacists. We therefore believe SB 514 has the potential to be a long-term positive for the people of Hawaii.

CVS Health operates as the largest pharmacy chain in Hawaii under our Longs Drugs banner. We are proud to offer our patients and clients in Hawaii a wide range of comprehensive, integrated pharmacy and health operations statewide including: Pharmacy Benefit Management (PBM) services (CVS Caremark), Specialty Pharmacy (CVS/specialty), Mail-Order and Retail Pharmacy (CVS/pharmacy/Longs Drugs), Retail Health Clinics (CVS/minute clinic) and a distribution center.

Thank you for the opportunity to submit testimony.

Respectfully,

Eric P. Douglas

Feb 24, 2017
Conference Room 229

Senate Committee on Commerce, Consumer Protection, and Health

To: Senator Rosalyn Baker, Chair
Senator Clarence Nishihara, Vice Chair

From: Forrest Batz, PharmD
Kea'au, HI

Re: Testimony in Support with Amendments, SB 514, Relating to Health

Aloha Chair Baker, Vice Chair Nishihara and Committee Members,

As an active public health pharmacist and pharmacy educator, I am writing in **support of SB 514 with amendments**. This bill would allow pharmacists to administer the human papillomavirus (HPV) vaccine to children between the ages of 11 to 17 years old. I support the bill's intent. It is important to increase the capacity of pharmacists to vaccinate Hawai'i teens by expanding their vaccination administration from 14 years old and older to 11 years old and older. The current CDC Advisory Committee on Immunization Practices (ACIP) recommends that the HPV vaccine should be administered at ages 11 or 12 years old. For the HPV vaccine to be most effective, it must be given before sexual activity begins and by middle school, when 4% are already sexually active. Currently, Hawai'i's HPV vaccination completion rates are 52% for girls and 36% for boys. The percentages are grossly low compared to Hawai'i's Tdap and meningococcal vaccination rates at 80% for the same ages.

The suggested amendments include addition of the Tdap (tetanus, diphtheria, and pertussis), meningococcal, and influenza (flu) shots, as well as the HPV vaccine. These four shots make up the "Adolescent Platform," a series of shots given to adolescents at the ages of 11 to 12 years old. I want to emphasize that the HPV vaccine should not be set apart from the other adolescent shots. Each is an important preventive measure to ensure our adolescents are protected from preventable diseases and some cancers. Hawai'i pharmacists have the training, capability and infrastructure to administer these shots. To vaccinate, we all face a rigorous curriculum and certification process. Also, pharmacy locations are ideal for adolescents in our rural communities to access because of their convenient evening and weekend times, and flexible walk-in periods. Pharmacies are in a position to increase adolescent vaccination uptake in Hawai'i.

I respectfully urge this committee to pass SB 514 with amendments. It is the right thing to do for our *keiki* and our community.

Mahalo for the opportunity to provide this testimony.

From: mailinglist@capitol.hawaii.gov
Sent: Monday, February 20, 2017 4:45 PM
To: CPH Testimony
Cc: pharmassisthi@gmail.com
Subject: Submitted testimony for SB514 on Feb 24, 2017 09:30AM

SB514

Submitted on: 2/20/2017

Testimony for CPH on Feb 24, 2017 09:30AM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Gerry Fujii	Individual	Support	No

Comments: Strongly recommend adding an addendum to recognize the Pharmacist with provider status in the State of Hawaii. This would truly reflect the current status and practice of Pharmacy in Hawaii.

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February 18, 2017

Honorable Rosalyn Baker, Chair
and Members of Commerce, Consumer Protection and Health
Committee

I support SB 514 Relating to Health broadening the Pharmacist practice to initiate and administer the human papilloma virus (HPV) vaccine to persons between eleven and seventeen years of age. Also consider adding meningococcal vaccine, influenza vaccine, and tetanus, diphtheria & pertussis vaccine.

For safety reasons, insert language to mandate appropriate facility upgrades in the pharmacy. The HPV vaccine requires more time by the Pharmacist and the recipient may need to sit or lay down. Also, allow the Pharmacist to initiate epinephrine or diphenhydramine by injection for treatment of severe allergic reaction.

The Pharmacist must comply with all state and federal record keeping and reporting requirements, including providing documentation to the recipient's primary care provider and entering information in the appropriate immunization registry.

SB 514 should also recognize that the Practice of Pharmacy is continually evolving and should declare that Pharmacist are health care Providers who have the authority to provide health care services.

Sincerely,

Ronald K. Okamura, PharmD
876 Curtis Street #3803
Honolulu, HI 96813

From: mailinglist@capitol.hawaii.gov
Sent: Sunday, February 19, 2017 12:20 PM
To: CPH Testimony
Cc: dgsinhawaii@yahoo.com
Subject: *Submitted testimony for SB514 on Feb 24, 2017 09:30AM*

SB514

Submitted on: 2/19/2017

Testimony for CPH on Feb 24, 2017 09:30AM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Diana G. Smith	Individual	Support	No

Comments:

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From: mailinglist@capitol.hawaii.gov
Sent: Saturday, February 18, 2017 6:25 AM
To: CPH Testimony
Cc: mary@mauivortex.com
Subject: Submitted testimony for SB514 on Feb 24, 2017 09:30AM

SB514

Submitted on: 2/18/2017

Testimony for CPH on Feb 24, 2017 09:30AM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Mary Whispering Wind	Individual	Oppose	No

Comments: Pharmacists should not prescribe medicine. Doctors should not operate pharmacies, nor should they operate medical marijuana dispensaries!

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From: mailinglist@capitol.hawaii.gov
Sent: Sunday, February 19, 2017 11:52 AM
To: CPH Testimony
Cc: glenmio@aol.com
Subject: Submitted testimony for SB514 on Feb 24, 2017 09:30AM

SB514

Submitted on: 2/19/2017

Testimony for CPH on Feb 24, 2017 09:30AM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
MSUchida	Individual	Oppose	No

Comments: Pharmacists should not be allowed to administer HPV vaccine to children.

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From: mailinglist@capitol.hawaii.gov
Sent: Friday, February 17, 2017 10:38 PM
To: CPH Testimony
Cc: rontthi@gmail.com
Subject: *Submitted testimony for SB514 on Feb 24, 2017 09:30AM*

SB514

Submitted on: 2/17/2017

Testimony for CPH on Feb 24, 2017 09:30AM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Ronald Taniguchi, Pharm.D.	Individual	Support	No

Comments:

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Testimony Presented Before the Senate Committee
On Commerce, Consumer Protection and Health (CCPH)
Friday, Feb. 24, 2017 at 9:30 am

By
Ashley Gordon

SB 514 - Relating to Health

The Honorable: Chair Baker, Vice Chair Nishihara and Members of the committee:

I am writing to offer **strong support** of HB 514 that will allow pharmacists to administer the Human Papilloma Virus vaccine in 11-17 year olds under a prescription issued by the patient's primary care provider. We also support the amendment to add TdaP, Meningococcal and Influenza vaccine.

Pharmacists are vaccination certified via the ACPE approved program sponsored by the American Pharmacists Association (APHA). Immunization administration is considered a basic skill of registered pharmacists. All immunizing pharmacists and student pharmacists must also be concurrently certified in Basic Life Support (BLS) which allows for cardio-pulmonary resuscitation (CPR) for adults, children and infants.

Pharmacists continue to be the most accessible health professional to the public via their availability in community pharmacies and are also educators and immunization advocates. In the last 20 years, pharmacists have made the largest impact of all healthcare professionals on vaccination uptake.

Thank you for allowing me to testify.

Testimony Presented Before the Senate Committee
On Commerce, Consumer Protection and Health (CCPH)
Friday, Feb. 24, 2017 at 9:30 am

By
Nicholas Nguyen

SB 514 - Relating to Health

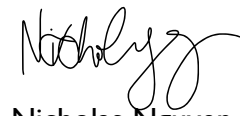
The Honorable: Chair Baker, Vice Chair Nishihara and Members of the committee:

I am writing to offer **strong support** of HB 514 that will allow pharmacists to administer the Human Papilloma Virus vaccine in 11-17 year olds under a prescription issued by the patient's primary care provider. We also support the amendment to add Tdap, Meningococcal, and Influenza vaccine.

Pharmacists are vaccination certified via the ACPE approved program sponsored by the American Pharmacists Association (APHA). Immunization administration is considered a basic skill of registered pharmacists. All immunizing pharmacists and student pharmacists must also be concurrently certified in Basic Life Support (BLS) which allows for cardio-pulmonary resuscitation (CPR) for adults, children and infants.

Pharmacists continue to be the most accessible health professional to the public via their availability in community pharmacies and are also educators and immunization advocates. In the last 20 years, pharmacists have made the largest impact of all healthcare professionals on vaccination uptake.

Thank you for allowing me to testify.



Nicholas Nguyen

Testimony Presented Before the Senate Committee
On Commerce, Consumer Protection and Health (CCPH)
Friday, Feb. 24, 2017 at 9:30 am

By: Jennifer Nguyen

SB 514 - Relating to Health

The Honorable: Chair Baker, Vice Chair Nishihara and Members of the committee:

I am writing to offer **strong support** of HB 514 that will allow pharmacists to administer the Human Papilloma Virus vaccine in 11-17 year olds under a prescription issued by the patient's primary care provider. We also support the amendment to add TdaP, Meningococcal and Influenza vaccine.

Pharmacists are vaccination certified via the ACPE approved program sponsored by the American Pharmacists Association (APHA). Immunization administration is considered a basic skill of registered pharmacists. All immunizing pharmacists and student pharmacists must also be concurrently certified in Basic Life Support (BLS) which allows for cardio-pulmonary resuscitation (CPR) for adults, children and infants.

Pharmacists continue to be the most accessible health professional to the public via their availability in community pharmacies and are also educators and immunization advocates. In the last 20 years, pharmacists have made the largest impact of all healthcare professionals on vaccination uptake.

Thank you for allowing me to testify.

Testimony Presented Before the Senate Committee
On Commerce, Consumer Protection and Health (CCPH)
Friday, Feb. 24, 2017 at 9:30 am

By
Dr. Chad K. Kawakami

SB 514 - Relating to Health


The Honorable: Chair Baker, Vice Chair Nishihara and Members of the committee:

I am writing to offer **strong support** of HB 514 that will allow pharmacists to administer the Human Papilloma Virus vaccine in 11-17 year olds under a prescription issued by the patient's primary care provider. We also support the amendment to add Tdap, Meningococcal and Influenza vaccine.

Pharmacists are vaccination certified via the ACPE approved program sponsored by the American Pharmacists Association (APHA). Immunization administration is considered a basic skill of registered pharmacists. All immunizing pharmacists and student pharmacists must also be concurrently certified in Basic Life Support (BLS) which allows for cardio-pulmonary resuscitation (CPR) for adults, children and infants.

Pharmacists continue to be the most accessible health professional to the public via their availability in community pharmacies and are also educators and immunization advocators. In the last 20 years, pharmacists have made the largest impact of all healthcare professionals on vaccination uptake.

Thank you for allowing me to testify.



From: mailinglist@capitol.hawaii.gov
Sent: Tuesday, February 21, 2017 5:01 PM
To: CPH Testimony
Cc: jbsestak@prodigy.net
Subject: *Submitted testimony for SB514 on Feb 24, 2017 09:30AM*

SB514

Submitted on: 2/21/2017

Testimony for CPH on Feb 24, 2017 09:30AM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Betty Sestak	Individual	Support	No

Comments:

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Testimony Presented Before the Senate Committee
On Commerce, Consumer Protection and Health (CCPH)
Friday, Feb. 24, 2017 at 9:30 am

By
Nicholas A. Tsoi

SB 514 - Relating to Health

The Honorable: Chair Baker, Vice Chair Nishihara and Members of the committee:

I am writing to offer **strong support** of HB 514 that will allow pharmacists to administer the Human Papilloma Virus vaccine in 11-17 year olds under a prescription issued by the patient's primary care provider. We also support the amendment to add TdaP, Meningococcal and Influenza vaccine.

Pharmacists are vaccination certified via the ACPE approved program sponsored by the American Pharmacists Association (APHA). Immunization administration is considered a basic skill of registered pharmacists. All immunizing pharmacists and student pharmacists must also be concurrently certified in Basic Life Support (BLS) which allows for cardio-pulmonary resuscitation (CPR) for adults, children and infants.

Pharmacists continue to be the most accessible health professional to the public via their availability in community pharmacies and are also educators and immunization advocates. In the last 20 years, pharmacists have made the largest impact of all healthcare professionals on vaccination uptake.

Thank you for allowing me to testify.

Testimony Presented Before the Senate Committee
On Commerce, Consumer Protection and Health (CCPH)
Friday, Feb. 24, 2017 at 9:30 am

By
LOUIS LTEIF

SB 514 - Relating to Health

The Honorable: Chair Baker, Vice Chair Nishihara and Members of the committee:

I am writing to offer **strong support** of HB 514 that will allow pharmacists to administer the Human Papilloma Virus vaccine in 11-17 year olds under a prescription issued by the patient's primary care provider. We also support the amendment to add TdaP, Meningococcal and Influenza vaccine.

Pharmacists are vaccination certified via the ACPE approved program sponsored by the American Pharmacists Association (APHA). Immunization administration is considered a basic skill of registered pharmacists. All immunizing pharmacists and student pharmacists must also be concurrently certified in Basic Life Support (BLS) which allows for cardio-pulmonary resuscitation (CPR) for adults, children and infants.

Pharmacists continue to be the most accessible health professional to the public via their availability in community pharmacies and are also educators and immunization advocates. In the last 20 years, pharmacists have made the largest impact of all healthcare professionals on vaccination uptake.

Thank you for allowing me to testify.

Testimony Presented Before the Senate Committee
On Commerce, Consumer Protection and Health (CCPH)
Friday, Feb. 24, 2017 at 9:30 am

By
Christopher J. Diaz

SB 514 - Relating to Health

The Honorable: Chair Baker, Vice Chair Nishihara and Members of the committee:

I am writing to offer **strong support** of HB 514 that will allow pharmacists to administer the Human Papilloma Virus vaccine in 11-17 year olds under a prescription issued by the patient's primary care provider. We also support the amendment to add TdaP, Meningococcal and Influenza vaccine.

Pharmacists are vaccination certified via the ACPE approved program sponsored by the American Pharmacists Association (APHA). Immunization administration is considered a basic skill of registered pharmacists. All immunizing pharmacists and student pharmacists must also be concurrently certified in Basic Life Support (BLS) which allows for cardio-pulmonary resuscitation (CPR) for adults, children and infants.

Pharmacists continue to be the most accessible health professional to the public via their availability in community pharmacies and are also educators and immunization advocates. In the last 20 years, pharmacists have made the largest impact of all healthcare professionals on vaccination uptake.

Thank you for allowing me to testify.

Testimony Presented Before the Senate Committee
On Commerce, Consumer Protection and Health (CCPH)
Friday, Feb. 24, 2017 at 9:30 am

Robyn Rector
1105 Kahoia St
Hilo, HI 96720

SB 514 - Relating to Health

The Honorable: Chair Baker, Vice Chair Nishihara and Members of the committee:

I am writing to offer **strong support** of HB 514 that will allow pharmacists to administer the Human Papilloma Virus vaccine in 11-17 year olds under a prescription issued by the patient's primary care provider. We also support the amendment to add TdaP, Meningococcal and Influenza vaccine.

Pharmacists are vaccination certified via the ACPE approved program sponsored by the American Pharmacists Association (APHA). Immunization administration is considered a basic skill of registered pharmacists. All immunizing pharmacists and student pharmacists must also be concurrently certified in Basic Life Support (BLS) which allows for cardio-pulmonary resuscitation (CPR) for adults, children and infants.

Pharmacists continue to be the most accessible health professional to the public via their availability in community pharmacies and are also educators and immunization advocates. In the last 20 years, pharmacists have made the largest impact of all healthcare professionals on vaccination uptake.

Thank you for allowing me to testify.

From: mailinglist@capitol.hawaii.gov
Sent: Wednesday, February 22, 2017 9:00 AM
To: CPH Testimony
Cc: tediousmonkey@gmail.com
Subject: Submitted testimony for SB514 on Feb 24, 2017 09:30AM

SB514

Submitted on: 2/22/2017

Testimony for CPH on Feb 24, 2017 09:30AM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Thaddeus Pham	Individual	Support	No

Comments: Chair Baker, Vice Chair Nishihara, and Senate Committee members, thank you for this opportunity to provide testimony on SB514. I support this bill with amendments. This bill would allow pharmacists to administer the human papillomavirus (HPV) vaccine to children between the ages of 11 to 17 years old. I support the bill's intent to to increase the capacity of pharmacists to vaccinate Hawai'i teens by expanding their vaccination administration from 14 years old and older to 11 years old and older. The current CDC Advisory Committee on Immunization Practices (ACIP) recommendation states that the HPV vaccine should be administered at ages 11 or 12 years old. This recommendation is important because:

- For the HPV vaccine to be most effective, it must be given before sexual activity and by middle school, when 4% are already sexually active.
- Currently, Hawai'i's HPV vaccination completion rates are 52% for girls and 36% for boys.
- The percentages are extremely low when compared to Hawai'i's Tdap and meningococcal vaccination rates, which are at 80% for the same ages.

My amendments suggest the inclusion of the Tdap (tetanus, diphtheria, and pertussis), meningococcal, and influenza (flu) shots, in addition to the HPV vaccine. The inclusion is necessary because:

- These four shots make up the "Adolescent Platform," a series of shots given to adolescents at ages 11 to 12 years old.
- The coalition wants to emphasize that the HPV vaccine should not be set apart from the other adolescent shots.
- Each is an important preventive measure to ensure our adolescents are protected from preventable diseases and some cancers. Our local pharmacists have the training and infrastructure to administer these shots.
- To vaccinate, they all face a rigorous curriculum and certification process.
- Pharmacy locations are ideal for adolescents in our rural communities to access because of convenient evening and weekend times, and flexible walk-in periods.
- Pharmacies are in a position to increase adolescent vaccination uptake in Hawai'i.

Thank you for your consideration.

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From: mailinglist@capitol.hawaii.gov
Sent: Wednesday, February 22, 2017 11:59 AM
To: CPH Testimony
Cc: zchisty@hotmail.com
Subject: Submitted testimony for SB514 on Feb 24, 2017 09:30AM

SB514

Submitted on: 2/22/2017

Testimony for CPH on Feb 24, 2017 09:30AM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
zeshan chisty	Individual	Support	No

Comments: I support this bill

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Testimony Presented Before the Senate Committee
On Commerce, Consumer Protection and Health (CCPH)
Friday, Feb. 24, 2017 at 9:30 am

By
Anne Tanouye
PO Box 1045
Keaau, HI 96749
annetano@hawaii.edu

SB 514 - Relating to Health

The Honorable: Chair Baker, Vice Chair Nishihara and Members of the committee:

I am writing to offer **strong support** of HB 514 that will allow pharmacists to administer the Human Papilloma Virus vaccine in 11-17 year olds under a prescription issued by the patient's primary care provider. We also support the amendment to add Tdap, Meningococcal and Influenza vaccine.

Pharmacists are vaccination certified via the ACPE approved program sponsored by the American Pharmacists Association (APHA). Immunization administration is considered a basic skill of registered pharmacists. All immunizing pharmacists and student pharmacists must also be concurrently certified in Basic Life Support (BLS) which allows for cardio-pulmonary resuscitation (CPR) for adults, children and infants.

Pharmacists continue to be the most accessible health professional to the public via their availability in community pharmacies and are also educators and immunization advocates. In the last 20 years, pharmacists have made the largest impact of all healthcare professionals on vaccination uptake.

Thank you for allowing me to testify.

From: mailinglist@capitol.hawaii.gov
Sent: Wednesday, February 22, 2017 4:57 PM
To: CPH Testimony
Cc: kglick@wheelchair-kauai.com
Subject: Submitted testimony for SB514 on Feb 24, 2017 09:30AM

SB514

Submitted on: 2/22/2017

Testimony for CPH on Feb 24, 2017 09:30AM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Kevin Glick	Individual	Support	No

Comments: SB514 seeks to expand the access to a cancer preventing immunization. Pharmacists across Hawaii have administered tens of thousands of immunizations and serve as important members of the health care team. Pharmacists welcome the opportunity to partner with other health care providers to protect our community from preventable diseases. Please pass this important legislation out of committee intact.

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Testimony Presented Before the Senate Committee
On Commerce, Consumer Protection and Health (CCPH)
Friday, Feb. 24, 2017 at 9:30 am

Wesley Sumida, Pharmacist

SB 514 - Relating to Health

The Honorable: Chair Baker, Vice Chair Nishihara and Members of the
Committee:

I am writing to offer **strong support** of HB 514 that will allow pharmacists to administer the Human Papilloma Virus vaccine in 11-17 year olds under a prescription issued by the patient's primary care provider. We also support the amendment to add Tdap, Meningococcal and Influenza vaccine.

Pharmacists are vaccination certified via the ACPE approved program sponsored by the American Pharmacists Association (APHA). Immunization administration is considered a basic skill of registered pharmacists. All immunizing pharmacists and student pharmacists must also be concurrently certified in Basic Life Support (BLS) which allows for cardio-pulmonary resuscitation (CPR) for adults, children and infants.

Pharmacists continue to be the most accessible health professional to the public via their availability in community pharmacies and are also educators and immunization advocates. In the last 20 years, pharmacists have made the largest impact of all healthcare professionals on vaccination uptake.

Thank you for allowing me to testify.

From: mailinglist@capitol.hawaii.gov
Sent: Thursday, February 23, 2017 8:52 AM
To: CPH Testimony
Cc: mjmmermaid@aol.com
Subject: Submitted testimony for SB514 on Feb 24, 2017 09:30AM

SB514

Submitted on: 2/23/2017

Testimony for CPH on Feb 24, 2017 09:30AM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Mary Jo Morrow	Individual	Support	No

Comments: I see this bill as a lifesaving instrument to help prevent cancer. Any preventative is warranted. This Bill has the potential to increase numbers of young people who get vaccinated and ultimately decrease number of people suffering from a form of cancer. I urge the the committee to pass the bill.

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To: The Senate Committee on Commerce, Consumer Protection and Health
February 24, 2017, Capitol Room 229 at 930am

RE: Testimony to Strongly OPPOSE SB514

SAFETY, SAFETY, SAFETY.

This should first and foremost, be this Senate Committee's main concern. I practice pharmacy in a retail setting and have done so for many years. I am sure all of the pharmacy businesses will testify that they are appreciative of the high reimbursement rates they receive per year. It is a multimillion dollar business. However, with the lowering of the age group to 11 years old, AND by adding the HPV vaccine for pharmacists' administration, the risk for vaccine injury and emergency scenarios in the pharmacy greatly increases liability. Most importantly, it puts the safety and well-being of the child most at risk, all for the sake of a little convenience.

In considering SB514, this committee must decide whether the safety of our children is more or less important than the convenience and access that this bill offers. Of course, parents and children can appreciate the ease of access and elimination of a doctor's appointment when getting a vaccination at the pharmacy after hours. However, the pharmacy setting is a BUSINESS. It is filled with noise, chaos and people in a public place. It is not designed to accommodate an emergency especially if the pharmacists are minimally experienced in dealing with emergencies in this type of setting. Physician's offices, on the other hand, have medical staff available, a physician, emergency equipment available and medication for emergencies.

CMS, the Centers for Medicare and Medicaid Services, requires its providers provide Quality of Care and offer incentives for varying degrees of quality provided. Administering a vaccine is a medical billable service, however, SB514 offers convenience and access without regard to quality or care to the child. Pharmacies are not the child's medical home. Pharmacists do not know the health or medical history of the child or the medication list. The pharmacist does not know anything about the child, yet SB514 proposes that a medical procedure, i.e. a vaccination be performed with little to no information about the child.

This activity borders on negligence.

ACPE IMMUNIZATION TRAINING:

SB514 is based on the premise that all pharmacists have the basic knowledge and skills when administering vaccines. I can tell you this is not true. Most pharmacists are taught basic immunology, however, very few are aware of the adverse reactions of vaccines they administer other than what is printed on the Vaccine Information Statement (VIS).

Even fewer pharmacists are aware of the side effects of the inactive ingredients that are INJECTED into your child including **aluminum, mercury, fetal cells, insect cell proteins, egg proteins, chick embryo culture, human lung fibroblasts, formaldehyde, cow extract, monkey kidney cells, detergent, MSG, and E.coli.** ¹

Antigens such as recombinant DNA, viral or bacterial can cause an immune response as well as the protein types of inactive ingredients. However no one can predict your child's reaction to any

particular protein, which may cause mild eczema, rash or severe debilitating auto-immune disease.

In testimony from the companion bill, HB 676, UH Hilo Pharmacy school stated that they “provide training in immunization administration” via the certified American Pharmacists Association, (APhA). However, this is the equivalent of teaching first year pharmacy students how to read CDC’s immunization charts on administration of the vaccine.²

APhA provides ACPE Immunization training as a 12 hour in-home course and one live 8 hour session that glosses over the in-home materials. During this live class, only TWO practice injections, one subcutaneous and one intramuscular, are required to receive credit for the ACPE training in addition to passing an in-home online test. This is the extent of the immunization training.

The training minimally reviews the adverse reporting events to VAERS, the national database collecting adverse reactions. Every vaccine product just as every drug comes with a risk. However, the 1986 National Childhood Vaccine Injury Act gives all vaccine manufacturers immunity from any civil litigation from any vaccine injury. Patients cannot sue the manufacturer, or anyone else for a faulty vaccine product resulting in a vaccine injury. No other industry in the United States, except for the vaccine manufacturers, is indemnified by the US government against any vaccine injury claims related to vaccine products.

Also, ACPE Immunization training barely addresses emergency scenarios or any proper procedures for any adverse event, only that Epi-pens should be available for patients experiencing anaphylaxis. Yet, despite minimal CPR and OSHA training requirements, pharmacists in retail settings are not equipped to address adverse reactions or emergency situations because their primary practice does NOT normally involve emergencies.

Dangers of HPV:

After receiving the Gardasil vaccine, 11-12 year old girls and young women who receive 3 doses can suddenly collapse, and become unconsciousness within 24 hours, have seizures; muscle pain and weakness; disabling fatigue; Guillain-Barre Syndrome (GBS); facial paralysis; brain inflammation; rheumatoid arthritis; lupus; blood clots; optic neuritis; multiple sclerosis; strokes; heart and other serious health problems, including death following vaccination.³

Merck, the HPV-9 vaccine manufacturer, acknowledges in its package insert the most common and immediate side effects following the administration of an HPV vaccine is syncope, sometimes resulting in falling with injury. Syncope, sometimes associated with tonic-clonic movements and other seizure-like activity, has been reported following HPV vaccination.⁴

To be honest, working in a busy pharmacy, most likely, I would not be able to give any child the attention he or she deserves especially when I have to multi-task, answer the phones, fill prescriptions, counsel patients, answer questions, while at the same time keeping an eye on the child for any type of anaphylactic reaction or worse yet, passing out on the floor due to syncope from an HPV vaccination.

If a child faints as a result of syncope in a retail setting, the minimal training and lack of emergency care experience does not support the concept of child safety, and well-being. A retail setting is not the ideal place for any vaccination. One emergency is one too many!

Forcing Pharmacists to vaccinate young children, for whom there is no medical or health related information, is an unconscionable and irresponsible bill. I do not support SB514. I have a duty and a conscience to do what is right for all children, including those who are not mine.

SB 514 is not right for any child in any pharmacy.

Thank you,

Teresa Ocampo, RPh, MBA

¹ <https://www.cdc.gov/vaccines/pubs/pinkbook/index.html>

² <https://www.cdc.gov/vaccines/schedules/downloads/child/0-18yrs-combined-schedule-bw.pdf>

³ *Human Papillomavirus (HPV) information - diseases and vaccines* (2012) Available at: <http://www.nvic.org/Vaccines-and-Diseases/HPV.aspx> (Accessed: 5 February 2017).

⁴ CBER/FDA (2016) *HIGHLIGHTS OF PRESCRIBING INFORMATION* for Gardasil 9, Human Papillomavirus 9-Valent Vaccine, Available at: <http://www.fda.gov/downloads/BiologicsBloodVaccines/Vaccines/ApprovedProducts/UCM426457.pdf> (Accessed: 5 February 2017).

From: mailinglist@capitol.hawaii.gov
Sent: Wednesday, February 22, 2017 7:18 PM
To: CPH Testimony
Cc: kalma.keiko@gmail.com
Subject: Submitted testimony for SB514 on Feb 24, 2017 09:30AM

SB514

Submitted on: 2/22/2017

Testimony for CPH on Feb 24, 2017 09:30AM in Conference Room 229

Submitted By	Organization	Testifier Position	Present at Hearing
Kalma Wong	Individual	Oppose	No

Comments: Pharmacists are not the primary care physicians and should not be able to prescribe vaccines. The retail pharmacy itself is an entirely inappropriate location for the administration of vaccines. The employees of a retail pharmacy cannot know a person's medical history. If there is an adverse reaction to the vaccine, the retail pharmacy is ill-equipped to provide proper care. In fact, during busy periods in the store, it will be impossible to even properly monitor the person after the vaccine is given. This bill is attempting to increase access at the expense of care.

Please note that testimony submitted less than 24 hours prior to the hearing, improperly identified, or directed to the incorrect office, may not be posted online or distributed to the committee prior to the convening of the public hearing.

Do not reply to this email. This inbox is not monitored. For assistance please email webmaster@capitol.hawaii.gov

**TESTIMONY IN SUPPORT OF HB 676/SB514
RELATING TO HEALTH**

I am writing in support of HB 676/SB514, which allows pharmacists to administer the human papillomavirus (HPV) vaccine to persons between eleven and seventeen years of age. Each year, approximately 30,700 men and women are diagnosed with cancers caused by HPV.

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As an individual that wants to reduce the incidence of cancer in our state, I urge you to support HB 676/SB514, which allows pharmacists to administer the human papillomavirus (HPV) vaccine to persons between eleven and seventeen years of age.

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Hannah Liebreich

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Jeff Chang

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Annalyn Oliveras
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