Provider Immunization Trainings
Provider Education

Provide tools and education on best practices for immunization delivery!

Comprehensive and consistent message to MAs, RNs, MD, Medics and ParmD

Claire from TAPI’s Vaccines Are Safe Campaign
Pima County Measles Outbreak by Exposure Location

Index Case 1

First Generation

Hosp A

2

50 yo F
Unvaccinated
Asthma on steroids
Exposed
2/12 Hosp A
Rash 2/18
(atypical)
Measles
IgM-Positive
Measles
IgG-Positive
RT-PCR-Positive

37 yo, Swiss
Unvaccinated
2/13 rash
Travel to AZ &
Mexico
Measles IgM-
Positive
Measles IgG-
Positive
RT PCR-
Positive

Second Generation

Hosp A

3

41 yo F, Vax 2/25
PCT in Hosp A
Nonimmune, Vax 2/25
Rash 3/9, RT PCR-
Positive

8 mo M, Unvax, Exp?, Rash 4/10. Measles IgM Capture EIA- Positive
Measles DFA- Positive
on Urine and NP RT-
PCR-Negative

3 yo F, Unvax
Exp 2/24-2/25 Hosp A
Rash 3/5. Measles IgM-
Positive
Measles IgG-
Negative.
No viruses sent to CDC

Hosp B

4

11 mo M, Unvax, Exp 2/24 Hosp A ED, Rash 3/10. Measles IgM-
Positive, Measles IgG-
Negative RT-PCR-
Positive

Hosp A

5

3 yo F, Unvax
Exp 2/24-2/25 Hosp A
Rash 3/5. Measles IgM-
Positive
Measles IgG-
Negative

Ped’s office

7

Negative.
Measles IgM- Not done (post exposure vaccine)

Hosp A

8

47 yo F, Unk vax, Exp 3/7 Hosp A ED, Rash 3/26 RT PCR-
Positive
Measles IgM-Positive
Measles IgG-Negative

Hosp A

9

8 mo M, Unvax, Exp?, Rash 4/10. Measles IgM Capture EIA- Negative
Measles DFA- Positive

Home

10

23 mo M, Unvax, Exp ?, Rash 4/7. Measles IgM-Positive
Measles IgG- Negative
RT-PCR-Positive

Hosp A

11

11 mo M, Unvax, Exp 3/10 Hosp A ED, Rash 3/9. RT PCR-
Positive
Measles IgM-Not done (post exposure vaccine)

Hosp C

14

Positive Measles IgG-Negative RT-PCR Positive

Fifth Generation

Hosp B

16

56 yo M, Vax 4/9, Exp Hosp B 4/7 and 4/8, Rash 04/21. Measles IgM EIA-
Negative Measles IgG IFA-
Positive RT-PCR-Negative

Hosp A

17

9 mo M, Rash 5/2. Measles IgM-
Positive Measles IgG-Positive.

Hosp A

18

16 mo M, Vax 4/18, Rash 4/25. Measles IgM-
Positive Measles IgG-Negative
RT-PCR Positive
(Non immune)

Hosp A

19

14 mo M, Vax 4/17, Rash 4/27. Measles IgM-
Negative RT-PCR positive
(urine)

Hosp A

20

9 mo M, Rash 5/2. Measles IgM-
Positive Measles IgG-Positive.

Lab confirmed

Epi-linked

5/8/08
Patients Afraid of Vaccines
Parents Have Questions...

75% of parents have questions about vaccines

Physician recommendation is the #1 intervention for alleviating their fears
The Visit needs to Alleviate Fears
Private Sector Physicians Give Nearly 3/4 of Children’s Shots

Source: Arizona Department of Health Services
Immunization Best Practice...

Your Office is Invited to the 2011 Free Training

Learn the Seven Secrets To Streamlining Immunization Delivery

- Receive a copy of "How to Create an Immunization Friendly Office." This new training guide provides strategies for office staff to reassure parents about immunization and encourage return visits.

- Learn about new tools available in Arizona to simplify the process of immunizing your patients on time, every time.

- Learn about reports that can be generated electronically, including reports required by Vaccines for Children (VFC).

- Learn about current immunization recommendations, requirements and new and recently approved vaccines.

For more information about the training contact:
The Arizona Partnership for Immunization (TAPI), 602.288.7568

Register online at www.whyimmunize.org
Trainings are equally distributed for easy access
Seven Secrets to...

Streamlining Immunization Delivery
(Remove barriers to quality immunization delivery)
Secret 1
Make the CASE: Talking about safety

• Parents Are Anxious they don’t see the diseases
• Media poses questions but offers no answers.
• “Dr. Google” doesn’t always have correct answers.
• Focus Groups show 75% have concerns about vaccines about Shots!
Secret 2
Know the VFC program

- Receive, Refrigerate, Record, Report
- Ask for help! VFC has assessments for immunization rates and in-services on handling vaccines
Secret 3
Why we give shots when we do!

- Why we immunize
- Understanding the schedule of immunizations by ACIP that fits with American Academy of Pediatric well child check-ups
- When to give and when not to give immunizations – Valid Contraindications!
Secret 4
Track vaccines given - Use The Registry

How ASIIS Can Help:
• View Immunization History
• Report imz given
• Track contraindications and deferrals
• Manage vaccine inventory and order online
• Print patient records
• Reminder/Recall
Secret 5
CDC Best Practice for Shots!

- Comforting Restraint - Have the parent hold the child
- New vaccines and recommendations
- Location of shot by age
Secret 6
Best Practices from our Best Docs!

- Have an Immunization Champion as the team leader
- Avoid Missed Opportunities
- Hold catch up clinics
- Know the schedule and the disease vaccines prevent
- Schedule the next appointment and remind/recall
- Track vaccines given
- Give simultaneous administration and combo vaccines
- Give VIS and follow up sheets
Secret 7
Stay up-to-date!

• ASIIS Training
  877-491-5741

• AFIIX Assessment
  602-364-3631

• Maricopa County Health Dept.
  – Private Provider Consultation
    602-506-6767

• AZ Immunization Conference
  602-364-3635
Preparedness and Online Adaptations

CERTIFIED TRAINING
IMMUNIZATION & MASS VACCINATION

Fire Departments and Ambulance Companies: Learn to give shots for existing fire department Baby Shots clinics and how to respond to an infectious disease outbreak. All medics welcome to attend for preparedness and outbreak response.

Learn the skills to have a prepared immunization response team!

Training Agenda
8:30 Registration
9:00 – 2:00 Program with working lunch

Topics Include
How to give shots
Vaccine handling and storage
Vaccine safety questions
How vaccines offer protection
Screening and schedules
Pandemic and epidemic Vaccinology
Emergency Point of Dispensing (POD) Outbreak response
County Resources and contacts

*3 hours of clinical training required
(scheduled on days of classes)

Training Dates and Locations

Training Dates and Locations
Tuesday June 14th: Glendale
Wednesday June 15th: Tempe
Monday June 20th: Tempe
Tuesday June 21st: Glendale & Mesa
Wednesday June 22nd: Tempe & Mesa
Thursday June 23rd: Tempe
Tuesday June 28th: Mesa
Thursday June 30th: Tempe

Qualifying for Certification
TAPI is working with Maricopa County to have fire departments ready to respond in the event of an epidemic. The 8 hour class is open to all healthcare professionals as well as medics who will be trained on immunizations and preparedness. Reimbursement will be provided to the departments upon completion of the 8 hours. First priority is given to fire departments with existing baby shot clinics or departments willing to help Maricopa County with mass vaccination clinics in the event of an emergency.

The Arizona Partnership for Immunization (TAPI)
sharon@asapchc.org
602.288.7566 phone 602.282.2654 fax

Maricopa County Public Health

Learn At Lunch: The Seven Secrets to Streamlining Immunization Delivery is Now Available Online

- Access the same content offered by TAPI at the Learn At Lunch Seminars
- Complete the entire course for a Certificate of Completion or focus on specific subjects
- Learn about new tools available in Arizona to simplify the process of immunizing your patients on time, every time
- Learn about reports that can be generated electronically, including reports required by Vaccines for Children (VFC)
- Learn about current immunization recommendations, requirements and new and recently approved Vaccines

The Immunization Online Program is available at:
www.acoonline.com/tapi or www.whyimmunize.org/provider
Increasing Immunization Rates

Arizona National Immunization Survey Results
Children 19 to 35 Months Old with 4 DTaP, 3 Polio, 1 MMR, 3 Hib, 3 Hep B, 1 Varicella

Healthy People 2010 Objective is 90%

Month and Year of NIS Data Release

Prepared by Arizona Immunization Program Office, Assessment Unit. Based on National Immunization Survey Data.
Public and Private

Arizona National Immunization Survey Results
August 2007

4:3:1:3:3:1 Coverage by Provider Type

<table>
<thead>
<tr>
<th>Percent of coverage</th>
<th>Total providers</th>
<th>Private Providers</th>
<th>Mixed Providers</th>
<th>Other Providers</th>
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<td>100%</td>
<td>70.6%</td>
<td>72.5%</td>
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<td>60%</td>
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<tr>
<td>50%</td>
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</tr>
</tbody>
</table>

Healthy People 2010 Objective

Children immunized by "mixed providers" received vaccinations from more than one provider type. "Other" providers included hospitals, military facilities and unknown responses.

Vaccine Congress I, II and III...

Set of recommendations to improve rates

- Bill for the Counties
- Increase reimbursement rates
- Train Providers on Business Practice
Pediatric Immunization Practice...
4. In the past two years, have you referred insured patients to locations other than your practice for vaccinations?
Change of Strategy...

CME Conferences
Vaccinate at Every Life Stage

2nd Annual Practice Efficiency:
The Business of Vaccines Conferences
(For Pediatricians, OB/GYNs and other Physicians and Healthcare Providers)
7:00 a.m. - 1:30 p.m.
November 19, 2011 or December 3, 2011
(Phoenix Country Club) (Elanor/Unison III Conference)

Course Topics
Practice Efficiency • Benchmarking • Coding
Vaccine Hot Topics • EHRs • EB IRB 3066

Registration Open
Click here to register 11/19/2011 CLICK HERE TO REGISTER 12/3/2011

For additional information, and to register, please log on to TAPI’s website at www.whyimmunize.org
for CME information, contact Sharon Smith at 623-242-7103 or sharon@tapi.org

Plant the Seeds of Protection Through Vaccination
The Business of Vaccines

Practice Efficiency & Business of Vaccines
November 13, 2010
Phoenix Country Club

8:00 – 8:30 Registration / Breakfast / Exhibits
8:30 Welcome / Introductions
8:45 – 9:45 How to Manage a Successful Pediatric Practice, Herschel R. Lessin, MD
9:45 – 10:15 Meaningful Use – Electronic Medical Records, Melissa Rutolo, MPH
10:15 – 10:30 Q & A / Discussion
10:30 – 10:50 Break: Exhibits & Refreshments
10:50 – 11:45 Size Matters: The Economics of the Medical Marketplace, Herschel R. Lessin,
11:45 – 12:15 Evaluating the Managed Care Contract, Robert J. Milligan, Esq.
12:15 – 12:30 Q & A / Discussion
12:30 – 1:15 Networking Luncheon / Exhibits
1:15 – 1:45 Immunization Efficiency: Nuts and Bolts of Providing Vaccines, Jennifer Tinney
1:45 – 2:10 New Vaccine Administration Codes Again?, Jeff Couchman, MD
2:10 – 3:00 Vaccinate Your Patients Without Losing Your Shirt, Jeff Couchman, MO
3:00 – 3:15 Q&A / Discussion
3:30 Evaluations

Vaccinate at Every Life Stage
Comments from Peds Office Staff

• The Doctor orders 5 shots, but I only give 3 and tell the parent to come back in two weeks
• I just have my favorite Pharmaceutical Vaccine Representative inventory and order the vaccine
• I tell parents I wouldn’t immunize my kids because of autism
• I give all the shots in the legs until they are teens
• I tell patients the flu shot gives them the flu especially the spray
• It’s better to give the HPV shot to the boys and not the girls
• Can’t I just mix vaccines together so I only have to give one shot?
• I gave oral vaccines in the leg. Is that a problem?
The Business of Vaccines...

Practice Efficiency – An efficient Practice will immunize at every indicated opportunity

Bench Marking – Measure billable hours and procedures for more accurate payment

Immunization Cost Analysis – Cost of providing vaccines

Vaccine Billing – Code correctly for better payment

Vaccine Hot Topics – Outbreaks and vaccine recommendations

EHRs and tracking Vaccines – System set up and implementation
The Business of Vaccines...

Managing Contracts—Negotiating with Health Plans

Economics of Medical Market Place—Structuring a practice to be cost effective

Meaningful Use—Payment for tracking tools

How to Use New Codes—Code correctly for better payment

How to Supervise Staff—Ordering and Administering Vaccines

Vaccine Reimbursement Bill—Gaining support and understanding actual cost
Called in the Experts

• We used local immunization experts, our local AAP Chapter's Pediatric Council, local public health, health care attorney's, EHR specialists

• National Speakers:
  Herschel R. Lessin, MD, FAAP
  Mark S. Reuben, MD, FAAP
  Charles A. Scott, MD, FAAP
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Keep kids out of Public Clinics
Immunizations as Indicators

- 4:3:1 Series
- 4:3:1:2:3 Series
- 6 Well-child Visits >15 Months
Continue the work...

Sigh... In immunizations we never replace projects we just add to the list.

“Babies are born every day in AZ None arrive immunized” Dr. Cloud
Share the Work...
Jennifer Tinney
Program Manager

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whyimmunize.org

Photo of Max from the TAPI’s Vaccines are Safe Campaign