

**ARIAs, Suggested Solutions, Notifiable Diseases, and Ordering State-Funded Vaccines**

**Satellite Conference and Live Webcast**  
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Produced by the Alabama Department of Public Health  
Distance Learning and Telehealth Division

**Faculty**

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**Rights of Medication Administration**

- Right patient
- Right medication
- Right dose
- Right route
- Right time
- **AND the right documentation, right reason for administration, right response to medication**

**Opportunities for Improvement**

- Expired vaccine given
- Incorrect vaccine given
- Vaccine adverse reactions

**Expired Vaccine Incidents**

- 5 incidents with expired vaccines in the last year:
  - 3 incidents of vaccine expired by one or three days
  - 2 incidents of vaccines expired a month later

**Suggested Solutions**

- Assign a primary and a secondary person to be “vaccine coordinators”
- They should be responsible for receiving ordering the vaccine, inventory, rotating, and returning expired / spoiled vaccine
- Place names of the responsible persons on the refrigerator and room used to draw vaccine

### **Incorrect Vaccine Administration**

- 6 incidents of incorrect vaccine administration in the last year
  - Child less than 4 years of age (YOA) received Kinrix which is approved for > 4 YOA
  - Tdap given instead of Meningococcal
  - MMR given instead of Varicella
  - Child received 2 vaccines, 1 combination vaccine, with the same antigen

### **Medical Follow up**

- Child < 1 YOA received MMR and Varicella
  - Mother contacted weekly until the 21 days passed to check for rash, vesicles and fever
  - Instructed to contact primary physician for any problems
  - Vaccines will not be counted

### **Suggested Solutions**

- Post the “rights of medication” on the room wall for vaccine storage, preparing vaccines, and clinic room
- Place all vaccine duties on responsible staffs’ R&R’s to ensure compliance

### **Additional Suggested Solutions**

- Review the ACIP Schedule and verify age to determine vaccines needed
- Print ImmPRINT Vaccine Forecaster for nurse (RN) to review
- Include these job duties on the staff’s R & R’s to ensure compliance
- Post Pink Book, Appendix B, U.S. Vaccine Tables 1 and 2, where vaccines is prepared

### **CHD Suggestions**

- Some CHDs keep similarly packaged vaccines in a large bags or bins with a mailing label with vaccine and fund
  - Places bags or bins apart in refrigerator
- Put stickers on refrigerator with vaccine funding explanations

### **Adverse Reactions**

- 7 incidents of adverse events in the last year
  - Two Arthus type reactions from Tdap (pruritis, swelling, firm nodule, erythema)
  - Four adverse events of syncope, dizziness, fainting, and fever (Vaccines: HPV, MCV, Tdap and Hep B.)
  - One possible event had to do with a swollen eye (Vaccines: Hep B and Tdap)

### **Suggestions**

- Review all available health / immunization data prior to seeing patient, including Vaccine Forecaster
- Check daily the emergency response kit and keep in readily accessible place
- Follow nursing protocol for adverse reactions / anaphylaxis

### **Suggestions**

- Complete a VAERS report directly to CDC at:
  - <http://www.cdc.gov/vaccinesafety/ensuringsafety/monitoring/vaers/>

### **Reporting Notifiable Diseases**

- All CHD staff, including those answering the front desk for phones must understand which diseases are notifiable, who should report, how to report, when to report
  - [http://www.adph.org/epi/assets/DTR\\_Flyer.pdf](http://www.adph.org/epi/assets/DTR_Flyer.pdf)

### **Reporting Notifiable Diseases**

- Based on Administrative Code, 420-4-1, all MDs and RNs must report the disease when made aware
  - They should not assume another MD, RN, or lab has made the report

### **Reporting Notifiable Diseases**

- For vaccine-preventable diseases (VPDs), please go to Immunization homepage:
  - <http://adph.org/imm>
- Report Vaccine Preventable Diseases (VPDs), VPD Report Card

### **When and How to Report Notifiable Diseases**

- To report a 4-hour "presumptive" VPD call 1-800-469-4599
- To report a 24-hour "presumptive" VPD, call 1-800-469-4599 or complete VPD REPORT Card

### **Reporting Notifiable Diseases**

- **To report a 5-day Standard VPD, complete VPD REPORT Card**
- **Notifiable VPDs do not require the patient's permission to be investigated, to learn more review HIPAA Letter, please see HIPAA Letter online**