

## **IMMUNIZATION POLICY**

### **1.0 Objectives**

The objective of this document is to describe the process of immunization

### **2.0 Scope**

This process applies to GIIS Dubai.

### **3.0 Policies**

Immunization is one of the most cost effective health interventions known to mankind. This policy will pledge the improvement of immunization as well as provision of technical guidance to health care providers to ensure that they follow best practices in terms of administering and strong vaccines.

The DHA is the sole responsible entity ensuring that all healthcare facilities and professionals in the emirates of Dubai provide the highest level of safety and quality immunization services at all times, through the development, establishment, and enforcement of minimum required standards of vaccine qualified clinics.

#### **TYPES OF VACCINE**

<b>KILLED VACCINE/INACTIVATE VACCINE</b>	<b>LIVE VACCINES</b>	<b>TOXOIDS</b>
DTP/DTap/Tdap	Oral polio vaccine	Tetanus & diphtheria components in DTP/Dtap/Tdap
HepB & Hep A Vaccines	MMR	Tetanus toxoid(TT)
Injectable polio vaccines	BCG	Tetanus & Diphtheria in DT/Td

Meningococcal vaccine	Yellow fever vaccine	
Influenza	Varicella vaccine	
Cholera	Oral typhoid	
Pneumococcal vaccines	Rotavirus vaccine	
Rabies		
Haemophilus influenza type B		
Typhoid capsular polysaccharide(IM)		
Human papillomavirus vaccine		

**DHA immunization schedule for children between 0-6 yrs.**

- At birth: BCG, Hep B

- Two months: DTAP, Hib, HepB,IPV,PCV
- Four months:-DPT,Hib,Hep B,OPV,PCV
- Six months:-DPT,Hib,Hep B,opv,pcv
- 12 months: MMR,Varicella.
- 18 months:Dtap,Hib,OPV,PCV
- Five to six years:-DPT,OPV,MMR,Varicella.

### **DHA immunization schedule for persons aged 7-18 years**

- TD/Tdap at age 11-12 years for those who have completed the recommended childhood DTP/DTap vaccination series.
- Meningococcal conjugate vaccine at age 11-12 yrs. and at age 13-18 yrs. if not previously vaccinated.
- Hepatitis B –3 dose series to those who were not previously vaccinated.
- Varicella 2 doses series if not previously immunized.
- MMR 2 doses at least 4 weeks apart if not previously immunized.
- Human papillomavirus vaccine is recommended for girls 11-16 years of age

### **VACCINE STORAGE EQUIPMENT**

- Refrigerator
- Vaccine carriers
- Ice packs
- Cold box

### **TYPES OF VACCINE THERMOMETER**

- Bar type
- Digital type
- Dial type

### **IMMUNIZATION INFORMATION SYSTEM**

- Basic recording tools
- The main recording tools that each health facility must use are
- Immunization register
- Child immunization card
- Tally sheets

### **IMMUNIZATION ADVERSE EVENTS**

Common minor vaccine reactions include local & systemic reactions. These reactions can result as part of the immune response or reaction to some of the vaccine components such as aluminum adjuvant, stabilizers or preservatives. These reactions occur within a day or two of immunization. And they only last one to a few days. Local reactions include pain, swelling, and redness at the injection sites.

### **PREVENTION & TREATMENT OF VACCINE REACTIONS**

Vaccines are contraindicated if there is serious allergy to the vaccine or its components. Live vaccines should not be given to immune deficient children. Advice on managing the common reactions should be given to parents.

A feverish child can be cooled with a tepid sponge or bath, and by wearing cool clothing. Extra fluids need to be given to feverish children. For local reaction, a cold cloth applied to the site may ease pain.

### **SCHOOL HEALTH VACCINATION**

#### *Routine immunization schedule*

<b>Vaccines</b>	<b>Child Age</b>
BCG	At birth
Hepatitis	At birth, 2months ,6months
Rota virus	2months,4 months,6 months
Hexavalent	2months,4 months
Pneumococcal conjugated	2months,4 months,6 months
Opv	At birth,2 months,4 months ,6months,

Opv booster	18 months,5-6 years
DTAp	At birth,2 months,4 months ,6months
DTAp booster	18 months,5-6 years
MMR	12 MONTHS, 5-6 Years
VARICELLA	12 MONTHS, 5-6 Years
HPV	13-14 Years 6-12 MONTHS INTERVAL
TDAP	15-18Years
Meningococcal	15-18Years

**IMPORTANT NOTES**

If the child was never vaccinated (up to 15 yrs.) give Montoux test.

If mantoux reading is negative give BCG and one dose of MMR, TD & OPV

- TD & MMR can be given up to 18 years of age
- No opv after 15 yrs. of age
- No DPT after 6yrs. of age

- No DPT for children with epilepsy or febrile convulsion. DT can be given.
- 3 doses of HBV should be finished before 12 years of age.
- No vaccination shall be planned utilizing photocopy of vaccination records.
- The original vaccination card should be available or a letter signed by the parent stating the original vaccination card was lost.
- Students should be prepared for vaccination with consideration for their age and stage of development. Parents/guardians and patients should be encouraged to take an active role before, during and after the administration of vaccines.

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