

# **Amendments in Vaccination Laws**

**Report No. 125**

## AMENDMENTS IN VACCINATION LAWS

The West Pakistan Vaccination Ordinance was promulgated in 1958 to provide for vaccination of unprotected children. The Ordinance was adopted by:

- Province of Punjab; and named as “The Punjab Vaccination Ordinance, 1958”;
- Balochistan; and named as “The Baluchistan Vaccination Ordinance, 1958”;
- Khyber Pakhtunkhwa; whereas title remained the same *i.e.* “West Pakistan Vaccination Ordinance 1958” and
- Sindh; whereas title remained the same *i.e.* “West Pakistan Vaccination Ordinance 1958”

Section 2 which is relating to “b” and “g” “definitions” in its clause defines “unprotected child” and “vaccination” as under:-

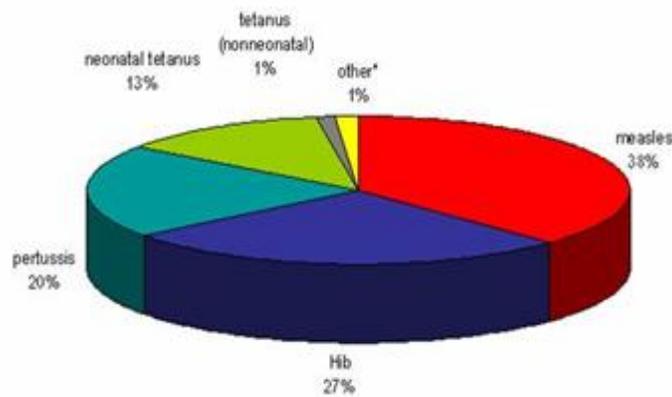
(f) “Unprotected child” and “unprotected person” mean respectively a child or a person who has not been protected from smallpox by having had that disease, or by having not been successfully vaccinated, and who has not been certified under this Ordinance to be insusceptible to vaccination.

“(g)“Vaccination” means the introduction of VacciniaVirus (lymph) into the skin in order to confer protection against smallpox”.

Scope and object of this Ordinance is to provide for vaccination. The definition of “vaccination” and other provisions in the Ordinance provides for vaccination for protection against smallpox only. Smallpox was the first disease people tried to prevent by purposely inoculating themselves with other types of infections; smallpox inoculation was started in China or India before 200 BC. In 1900, the smallpox vaccine was the only one administered to children. By the early 1950s, children routinely received four vaccines, for protection against (diphtheria, pertussis,

tetanus, polio, and smallpox), and as many as five shots by two years of age<sup>1</sup>. Since the mid of 1980s, many vaccines have been added to the schedule. As of 2009[update], the US Centers for Disease Control and Prevention (CDC) now recommends vaccination against at least fourteen diseases. The number of diseases that can be prevented by vaccines is growing. Vaccines still provide the most effective, longest-lasting method of preventing infectious diseases in all age groups. In 2002, WHO estimated that 1.4 million of deaths among children under 5 years were due to diseases that could have been prevented by routine vaccination.

**Distribution Of The Estimated Annual Deaths From Diseases That Are Preventable By Vaccination In 2002**



\* other – polio, diphtheria, yellow fever

Immunization protects against the following 10 serious diseases, which can cause disability and death. These diseases used to strike thousands of children each year. Today there are relatively few cases, but outbreaks still occur each year because some babies are not immunized:

- ::Diphtheria
- ::Hib
- ::Hepatitis B

<sup>1</sup>"History of Vaccine Schedule | The Children's Hospital of Philadelphia". <http://www.chop.edu/service/vaccine-education-center/vaccine-schedule/history-of-vaccine-schedule.html>

- ::Measles
- ::Meningitis
- ::Mumps
- ::Neonatal Tetanus
- ::Pertussis
- ::Poliomyelitis
- ::Rubella and CRS
- ::Tetanus
- ::Tuberculosis
- ::Yellow Fever

Even in Pakistan, at the time of birth of a child, following chart/schedule is provided to the parents:-

Birth	BCG+ OPV + HBV1
1-1/2 Months	OPV2 + HBV2 + DTP + HIB1
2-1/2 Months	OPV3 + DTP2 + HIB2 + PCV1
3-1/2 Months	OPV4 + DTP3 + HIB3 + PCV2
6 Months	HBV3 + PCV3
9 Months	Measles
12 Months	MMR1 + Varicella
15 Months	HIB4 + PCV4
18 Months	Hepatitis A1 + DPT4 + OPV5
24 Months	Hepatitis A2 + Typhoid
5 Years	OPV6 + DTP5 + Typhoid2 + MMR2
12 Years	DT
Others	Pneumococcal Conjugate Meningococcal Influenza

(**BCG**: is a vaccine against tuberculosis; **OPV**: Oral Polio Vaccine; **HBV**: Hepatitis B; **DTP**: A combination of diphtheria and tetanus toxoids and pertussis vaccine, administered intramuscularly to immunize children against diphtheria, tetanus, and pertussis infections; **HIB**: Haemophilus influenzae type B vaccine; **PCV**: **pneumococcal conjugate vaccine** for pneumococcal infections; **MMR**: is an immunization shot against **measles, mumps and rubella**; **Varicella**: Chickenpox vaccine; **DT**: Diphtheria and Tetanus Toxoids).

In the light of abovementioned details, it is recommended that the vaccination laws may be amended to make them more effective and beneficial for public. Hence following amendments are recommended:-

- (i) Section 2 (dd) provides for “Smallpox Eradication Officer”, this office may be replaced with “Vaccination Officer”.
- (ii) Section 2 (f) provides: “unprotected child” and “unprotected person” mean respectively a child or a person who has not been protected from smallpox.....” .this subsection may be amended as : “unprotected child” and “unprotected person” mean respectively a child or a person who has not been protected from ‘vaccine prevented diseases’.
- (iii) Definition of “vaccination” in section 2 (g) may be replaced with:

“Vaccination” means the introduction of vaccine into the body for the purpose of inducing immunity against the vaccine prevented diseases.”

As the definition provided in this Ordinance defines vaccination as “introduction of Vaccinia Virus (lymph) into the skin in order to confer protection against smallpox”. Vaccinia Virus (Lymph) is a vaccine for protection against smallpox only whereas proposed definition of ‘vaccination’ uses the word “vaccine”, which is comprehensive as “vaccine” means and includes: “a substance containing bacteria or viruses given to

people, usually by injection, to prevent them catching a particular disease”<sup>2</sup>

- (iv) Definition of “vaccine prevented diseases” may be added after subsection (h) in section 2, as the same will provide information regarding diseases which will be protected through vaccination. Proposed sub-section is as under:-

“(i) “Vaccine Prevented Diseases” means Tuberculosis, Polio, Hepatitis B, Diphtheria, Tetanus, Pertussis, haemophilus influenza, Measles, Mumps, Rubella, Chickenpox, Smallpox and Pneumococcal Conjugate.

- (v) Section 4 of the Ordinance may be amended as under:-

4. Duty of the parent or guardian to get an unprotected child vaccinated.— (1) ***After periodic vaccination becomes due, as provided in the Schedule,*** the parent or guardian of such child shall take it or cause it to be taken to a vaccinator or any other person authorised by Government in this behalf, to be vaccinated, or send for a vaccinator, or other authorised person to vaccinate it.

(2) Such vaccinator or other authorized person shall vaccinate the child and deliver to its parent or guardian a memorandum stating the date on which the vaccination has been performed and the date on which ***the child is to be further vaccinated in compliance with the schedule of vaccination,*** or shall if he finds such child in a state unfit for vaccination, deliver to its parent or guardian a certificate under his hand to the effect that the child is in a state unfit for vaccination for the whole or part of the current vaccination season, and requiring its production for re-vaccination on the expiry of the said period.

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<sup>2</sup>Definition of “vaccination” by Chambers Essential English Dictionary.

(vi) Section 6 of the Ordinance which is about “Certificate of Protection” may be amended as under:-

**“After completion of vaccinations as provided in the vaccination schedule, a certificate of protection shall be delivered by the vaccinator to the parent or guardian of such child to that effect and such child shall thereafter be deemed to be protected.”**

(vii) Section 10 of the Ordinance provides as under:-

**10. Lymph to be used.** — The vaccination under this Ordinance shall be performed with such lymph or freeze dried smallpox vaccine as may be prescribed.

It is suggested that this section may be deleted as Lymph is used only for protection against small pox, whereas definition of “vaccination” recommended in section 2 (g) is comprehensive.

(viii) Section 15, which is about “power of Government to make Rules” may be amended and sub-section (3) may be added therein as under:-

15. (1).....

(3) The Government may, by Notification in the official Gazette, amend the Schedule in order to delete or add any vaccination.

(ix) A Schedule of Vaccination may be attached with the law as under:-

### **Schedule of Vaccination**

Birth	BCG+ OPV + HBV1
1-1/2 Months	OPV2 + HBV2 + DTP + HIB1

2-1/2 Months	OPV3 + DTP2 + HIB2 + PCV1
3-1/2 Months	OPV4 + DTP3 + HIB3 + PCV2
6 Months	HBV3 + PCV3
9 Months	Measles
12 Months	MMR1 + Varicella
15 Months	HIB4 + PCV4
18 Months	Hepatitis A1 + DPT4 + OPV5
24 Months	Hepatitis A2 + Typhoid
5 Years	OPV6 + DTP5 + Typhoid2 + MMR2
12 Years	DT
Others	Pneumococcal Conjugate Meningococcal Influenza

**COMPARATIVE TABLE**

Existing Provisions	Proposed Provisions of Punjab Vaccination Ordinance, 1958	Proposed Provisions of Balochistan Vaccination Ordinance, 1958	Proposed Provisions of West Pakistan Vaccination Ordinance, 1958 (Khyber Pakhtunkhwa)	Proposed Provisions of West Pakistan Vaccination Ordinance, 1958 (Sindh)
<p>2. Definitions.— In this Ordinance, unless the context otherwise requires, the following expressions shall have the meanings hereby respectively assigned to them, that is to say-</p> <p>.....</p> <p>.....</p>	<p>2. Definitions.— In this Ordinance, unless the context otherwise requires, the following expressions shall have the meanings hereby respectively assigned to them, that is to say-</p> <p>.....</p> <p>.....</p>	<p>2. Definitions.— In this Ordinance, unless the context otherwise requires, the following expressions shall have the meanings hereby respectively assigned to them, that is to say-</p> <p>.....</p> <p>.....</p>	<p>2. Definitions.— In this Ordinance, unless the context otherwise requires, the following expressions shall have the meanings hereby respectively assigned to them, that is to say-</p> <p>.....</p> <p>.....</p>	<p>2. Definitions.— In this Ordinance, unless the context otherwise requires, the following expressions shall have the meanings hereby respectively assigned to them, that is to say-</p> <p>.....</p> <p>.....</p>

<p>(dd) “Smallpox Eradication Officer” means an officer appointed by Government to perform the functions and duties of the Smallpox Eradication Officer under this Ordinance;</p> <p>.....</p> <p>.....</p>	<p>(dd) “<b>Vaccination Officer</b>” means an officer appointed by Government to perform the functions and duties of the <b>vaccination officer</b> under this Ordinance;</p> <p>.....</p> <p>.....</p>	<p>(dd) “<b>Vaccination Officer</b>” means an officer appointed by Government to perform the functions and duties of the <b>vaccination officer</b> under this Ordinance;</p> <p>.....</p> <p>.....</p>	<p>(dd) “<b>Vaccination Officer</b>” means an officer appointed by Government to perform the functions and duties of the <b>vaccination officer</b> under this Ordinance;</p> <p>.....</p> <p>.....</p>	<p>(dd) “<b>Vaccination Officer</b>” means an officer appointed by Government to perform the functions and duties of the <b>vaccination officer</b> under this Ordinance;</p> <p>.....</p> <p>.....</p>
<p>(f) “unprotected child” and “unprotected person” mean respectively a child or a person who has not been protected from smallpox by having had that disease, or by having not been successfully vaccinated, and who</p>	<p>(f) “unprotected child” and “unprotected person” mean respectively a child or a person who has not been protected from <b>vaccine prevented diseases</b>, or by having not been successfully</p>	<p>(f) “unprotected child” and “unprotected person” mean respectively a child or a person who has not been protected from <b>vaccine prevented diseases</b>, or by having not been successfully</p>	<p>(f) “unprotected child” and “unprotected person” mean respectively a child or a person who has not been protected from <b>vaccine prevented diseases</b>, or by having not been successfully</p>	<p>(f) “unprotected child” and “unprotected person” mean respectively a child or a person who has not been protected from <b>vaccine prevented diseases</b>, or by having not been successfully</p>

<p>has not been certified under this Ordinance to be insusceptible to vaccination.</p>	<p>vaccinated, and who has not been certified under this Ordinance to be insusceptible to vaccination.</p>	<p>vaccinated, and who has not been certified under this Ordinance to be insusceptible to vaccination.</p>	<p>vaccinated, and who has not been certified under this Ordinance to be insusceptible to vaccination.</p>	<p>vaccinated, and who has not been certified under this Ordinance to be insusceptible to vaccination.</p>
<p>(g) "vaccination" means the introduction of Vaccinia Virus (lymph) into the skin in order to confer protection against smallpox;</p>	<p><b><i>(g) "vaccination" means the introduction of vaccine into the body for the purpose of inducing immunity against vaccine prevented diseases.</i></b></p>	<p><b><i>(g) "vaccination" means the introduction of vaccine into the body for the purpose of inducing immunity vaccine prevented diseases.</i></b></p>	<p><b><i>(g) "vaccination" means the introduction of vaccine into the body for the purpose of inducing immunity against vaccine prevented diseases.</i></b></p>	<p><b><i>(g) "vaccination" means the introduction of vaccine into the body for the purpose of inducing immunity against vaccine prevented diseases.</i></b></p>
	<p><b><i>(gg) "Vaccine Prevented Diseases" means Tuberculosis, Polio, Hepatitis B, Diphtheria, Tetanus,</i></b></p>	<p><b><i>(gg) "Vaccine Prevented Diseases" means Tuberculosis, Polio, Hepatitis B, Diphtheria, Tetanus,</i></b></p>	<p><b><i>(gg) "Vaccine Prevented Diseases" means Tuberculosis, Polio, Hepatitis B, Diphtheria, Tetanus,</i></b></p>	<p><b><i>(gg) "Vaccine Prevented Diseases" means Tuberculosis, Polio, Hepatitis B, Diphtheria, Tetanus,</i></b></p>

	<i><b>Pertussis, haemophilus influenza, Measles, Mumps, Rubella, Chickenpox, Small Pox and Pneumococcal Conjugate</b></i>			
4. Duty of the parent or guardian to get an unprotected child vaccinated.— (1) After an unprotected child has attained the age of six months and before the child is one year of age, the parent or guardian of such child shall take it or cause it to be taken to a vaccinator or any other person authorised by	4. Duty of the parent or guardian to get an unprotected child vaccinated.— (1) <i><b>After periodic vaccination becomes due, as provided in the Schedule,</b></i> the parent or guardian of such child shall take it or cause it to be taken to a vaccinator or any	4. Duty of the parent or guardian to get an unprotected child vaccinated.— (1) <i><b>After periodic vaccination becomes due, as provided in the Schedule,</b></i> the parent or guardian of such child shall take it or cause it to be taken to a vaccinator or any	4. Duty of the parent or guardian to get an unprotected child vaccinated.— (1) <i><b>After periodic vaccination becomes due, as provided in the Schedule,</b></i> the parent or guardian of such child shall take it or cause it to be taken to a vaccinator or any	4. Duty of the parent or guardian to get an unprotected child vaccinated.— (1) <i><b>After periodic vaccination becomes due, as provided in the Schedule 3,</b></i> the parent or guardian of such child shall take it or cause it to be taken to a vaccinator or any

Government in this behalf, to be vaccinated, or send for a vaccinator, or other authorised person to vaccinate it.	other person authorised by Government in this behalf, to be vaccinated, or send for a vaccinator, or other authorised person to vaccinate it.	other person authorised by Government in this behalf, to be vaccinated, or send for a vaccinator, or other authorised person to vaccinate it.	other person authorised by Government in this behalf, to be vaccinated, or send for a vaccinator, or other authorised person to vaccinate it.	other person authorised by Government in this behalf, to be vaccinated, or send for a vaccinator, or other authorised person to vaccinate it.
(2) Such vaccinator or other authorised person shall vaccinate the child and deliver to its parent or guardian a memorandum stating the date on which the vaccination has been performed and the date on which the child is to be inspected in order to ascertain the result of the operation, or shall if he finds such child	(2) Such vaccinator or other authorised person shall vaccinate the child and deliver to its parent or guardian a memorandum stating the date on which the vaccination has been performed and the date on which <b><i>the child is to be further vaccinated in</i></b>	(2) Such vaccinator or other authorised person shall vaccinate the child and deliver to its parent or guardian a memorandum stating the date on which the vaccination has been performed and the date on which <b><i>the child is to be further vaccinated in</i></b>	(2) Such vaccinator or other authorised person shall vaccinate the child and deliver to its parent or guardian a memorandum stating the date on which the vaccination has been performed and the date on which <b><i>the child is to be further vaccinated in</i></b>	(2) Such vaccinator or other authorised person shall vaccinate the child and deliver to its parent or guardian a memorandum stating the date on which the vaccination has been performed and the date on which <b><i>the child is to be further vaccinated in</i></b>

<p>in a state unfit for vaccination, deliver to its parent or guardian a certificate under his hand to the effect that the child is in a state unfit for vaccination for the whole or part of the current vaccination season, and requiring its production for re-vaccination on the expiry of the said period.]</p>	<p><b><i>compliance with the schedule of vaccination,</i></b> or shall if he finds such child in a state unfit for vaccination, deliver to its parent or guardian a certificate under his hand to the effect that the child is in a state unfit for vaccination for the whole or part of the current vaccination season, and requiring its production for re-vaccination on the expiry of the said period.</p>	<p><b><i>compliance with the schedule of vaccination</i></b> or shall if he finds such child in a state unfit for vaccination, deliver to its parent or guardian a certificate under his hand to the effect that the child is in a state unfit for vaccination for the whole or part of the current vaccination season, and requiring its production for re-vaccination on the expiry of the said period.</p>	<p><b><i>compliance with the schedule of vaccination</i></b> or shall if he finds such child in a state unfit for vaccination, deliver to its parent or guardian a certificate under his hand to the effect that the child is in a state unfit for vaccination for the whole or part of the current vaccination season, and requiring its production for re-vaccination on the expiry of the said period.</p>	<p><b><i>compliance with the schedule of vaccination,</i></b> or shall if he finds such child in a state unfit for vaccination, deliver to its parent or guardian a certificate under his hand to the effect that the child is in a state unfit for vaccination for the whole or part of the current vaccination season, and requiring its production for re-vaccination on the expiry of the said period.</p>
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<p>6. Certificate of protection.— When it is ascertained at the time of inspecting a child under section 5 that the vaccination has been successful a certificate shall be delivered by the vaccinator to the parent or guardian of such child to that effect, and such child shall thereafter be deemed to be protected.</p>	<p><b>6. Certificate of protection.—After completion of vaccinations as provided in the vaccination schedule,</b> a certificate <b>of protection</b> shall be delivered by the vaccinator to the parent or guardian of such child to that effect, and such child shall thereafter be deemed to be protected</p>	<p><b>6. Certificate of protection.—After completion of vaccinations as provided in the vaccination schedule,</b> a certificate <b>of protection</b> shall be delivered by the vaccinator to the parent or guardian of such child to that effect, and such child shall thereafter be deemed to be protected</p>	<p><b>6. Certificate of protection.—After completion of vaccinations as provided in the vaccination schedule,</b> a certificate <b>of protection</b> shall be delivered by the vaccinator to the parent or guardian of such child to that effect, and such child shall thereafter be deemed to be protected</p>	<p><b>6. Certificate of protection.—After completion of vaccinations as provided in the vaccination schedule,</b> a certificate <b>of protection</b> shall be delivered by the vaccinator to the parent or guardian of such child to that effect, and such child shall thereafter be deemed to be protected</p>
<p>10. Lymph to be used.— The vaccination under this Ordinance shall be performed with such lymph or freeze dried</p>	<p><b>.....Omitted.....</b></p>	<p><b>.....Omitted.....</b></p>	<p><b>.....Omitted.....</b></p>	<p><b>.....Omitted.....</b></p>

smallpox vaccine as may be prescribed				
15. Power of Government to make rules. (1)..... (2).....	15. Power of Government to make rules.  <b>(3) The Government may, by Notification in official Gazette, amend the Schedule in order to delete or add any vaccination.</b>	15. Power of Government to make rules.  <b>(3) The Government may, by Notification in official Gazette, amend the Schedule in order to delete or add any vaccination.</b>	15. Power of Government to make rules.  <b>(3) The Government may, by Notification in official Gazette, amend the Schedule in order to delete or add any vaccination.</b>	15. Power of Government to make rules.  <b>(3) The Government may, by Notification in official Gazette, amend the Schedule in order to delete or add any vaccination.</b>

### **Schedule of Vaccination**

Birth	BCG+ OPV + HBV1
1-1/2 Months	OPV2 + HBV2 + DTP + HIB1
2-1/2 Months	OPV3 + DTP2 + HIB2 + PCV1
3-1/2 Months	OPV4 + DTP3 + HIB3 + PCV2
6 Months	HBV3 + PCV3
9 Months	Measles
12 Months	MMR1 + Varicella
15 Months	HIB4 + PCV4
18 Months	Hepatitis A1 + DPT4 + OPV5
24 Months	Hepatitis A2 + Typhoid
5 Years	OPV6 + DTP5 + Typhoid2 + MMR2
12 Years	DT
Others	Pneumococcal Conjugate Meningococcal Influenza

### **Commission's deliberations on 19<sup>th</sup> May, 2012**

The Commission considered proposals for enhancing the effectiveness of Vaccination laws in different provinces for vaccination of unprotected children and expressed that Section 3 may be amended and the Superintendent of Prisons, Incharge of Dar-ul-Aman, Borstal Institutions, Remand Homes and other institutions where children are residing should be bound to enforce the provisions of Vaccination Ordinance under their jurisdiction for vaccination of unprotected children. The Commission recommended to forward the proposals to relevant Provincial Governments for incorporation in their Vaccination Laws.

Draft Bills for amendment of the laws are hereby enclosed.

## A

### Bill

to further amend the **Punjab Vaccination Ordinance, 1958** (West Pakistan Ordinance No. XXVII of 1958)

WHEREAS it is expedient to amend the Punjab Vaccination Ordinance, 1958 for the purposes hereinafter appearing.

It is hereby enacted as follows:-

**1. Short title and Commencement.**— (1) This Act may be called the Punjab Vaccination (Amendment) Act, 2012.

(2) It shall come into force at once.

**2. Amendment in section 2.**—(1) In clause (dd), the expression “Smallpox Eradication Officer” may be substituted with the expression “Vaccination Officer”.

(2) In clause (f), after the words “has not been protected from” the words “smallpox by having had that disease,” may be substituted with the words “vaccine prevented diseases,”.

(3) In clause (g) after the words “introduction of” the remaining words may be substituted with the words “vaccine into the body for the purpose of inducing immunity against vaccine prevented diseases”.

(4) After clause (g), following new clause (gg) may be inserted:-

**(gg) “Vaccine Prevented Diseases”** means Tuberculosis, Polio, Hepatitis B, Diphtheria, Tetanus, Pertussis, Haemophilus Influenza, Measles, Mumps, Rubella, Chickenpox, Smallpox and Pneumococcal Conjugate”.

**3. Amendment in section 3.**—(1) In sub-section (1) after the words “local authority or” the words “Smallpox Eradication Officer” may be substituted with the words “Vaccination Officer including

Superintendent of Prison, Incharge of Dar-ul-Aman, Borstal Institution, Remand Home and other Institution where children are residing or kept.”

(2) In sub-section (2), after the words “District Health Officer or any” the words “Smallpox Eradication Officer” may be substituted with the words “Vaccination Officer”.

**4. Amendment in section 4.**—(1) in sub-section (1), the words “After an unprotected child has attained the age of six months and before the child is one year of age,” may be substituted with the words “after periodic vaccination becomes due, as provided in the schedule.”

(2) In Sub-section (2), after the words “date on which the child is to be” the words “inspected in order to ascertain the result of the operation,” may be substituted with the words “further vaccinated in compliance with the Schedule of vaccination.”

**5. Amendment in section 6.**—The words “when it is ascertained at the time of inspecting a child under section 5 that the vaccination has been successful a certificate” may be substituted with the words “after completion of vaccination as provided in the vaccination schedule, a certificate of protection”.

**6. Omission of section 10.**— Section 10 shall be omitted.

**7. Insertion of new sub-section in section 15.**—In section 15, following sub-section (3) may be inserted.

(3) The Government may, by notification in the official Gazette, amend the Schedule in order to delete or add any vaccination.

**Schedule**  
**(See Section 4 (2))**

Age group	Disease
Birth	BCG + OPV+HBVI
1-1/2 Months	OFV2+HBV2+DTP+HIBI

2-1/2 Months	OPV3+DTP2+HIB1+PCV1
3-1/2 Months	OPV4+DTP3+HIB3+ PCV2
6 Months	HBV3+PCV3
9 Months	Measles
12 Months	MMRI+ Varicella
15 Months	HIB4+PCV4
18 Months	Hepatitis A1 + DPT4+OPV5
24 Months	Hepatitis A2 + Typhoid
5 years	OPV6+DTP5+Typhoid+MMR2
12 years	DT
Others	Meningococcal

(BCG; is vaccine against tuberculosis; OPV: Oral Polio Vaccine; HBV: Hepatitis B; DTP: A combination of diphtheria and tetanus toxoids and pertussis vaccine; administered intramuscularly to immunize children against diphtheria, tetanus, and pertussis infections; HIB haemophilus influenza type B vaccine; PCV: pneumococcal conjugate vaccine for pneumococcal infections ; MMR: is an immunization shot against measles, mumps and rubella; Varicella; Chickenpox vaccine; DT Diphtheria and Tetanus Toxoids).

## A

### Bill

Further to amend the **Khyber Pakhtunkhawa Vaccination Ordinance, 1958** (West Pakistan Ordinance No. XXVII of 1958)

WHEREAS it is expedient to amend the Khyber Pakhtunkhawa Vaccination Ordinance, 1958 for the purposes hereinafter appearing.

It is hereby enacted as follows:-

**1. Short title and Commencement.**— (1) This Act may be called the Khyber Pakhtunkhawa Vaccination (Amendment) Act, 2012.

(2) It shall come into force at once.

**2. Amendment in section 2.**—(1) In clause (dd), the expression “Smallpox Eradication Officer” may be substituted with the expression “Vaccination Officer”.

(2) In clause (f), after the words “has not been protected from” the words “smallpox by having had that disease,” may be substituted with the words “vaccine prevented diseases.”

(3) In clause (g) after the words “introduction of” the remaining words may be substituted with the words “vaccine into the body for the purpose of inducing immunity against vaccine prevented diseases”.

(4) After clause (g), following new clause (gg) may be inserted:-

(gg) “Vaccine Prevented Diseases” means Tuberculosis, Polio, Hepatitis B, Diphtheria, Tetanus, Pertussis, Haemophilus Influenza, Measles, Mumps, Rubella, Chickenpox, Smallpox and Pneumococcal Conjugate”.

**3. Amendment in section 3.—**(1) In sub-section (1) after the words “local authority or” the words “Smallpox Eradication Officer” may be substituted with the words “Vaccination Officer including Superintendent of Prison, Incharge of Dar-ul-Aman, Borstal Institution, Remand Home and other Institution where children are residing or kept to enforce the provisions of this Ordinance within their respective jurisdiction so that all unprotected children and persons are vaccinated.”

(2) In sub-section (2), after the words “District Health Officer or any” the words “Smallpox Eradication Officer” may be substituted with the words “Vaccination Officer”.

**4. Amendment in section 4.—**(1) in sub-section (1), the words “After an unprotected child has attained the age of six months and before the child is one year of age,” may be substituted with the words “after periodic vaccination becomes due, as provided in the schedule.”

(2) In Sub-section (2), after the words “date on which the child is to be” the words “inspected in order to ascertain the result of the operation,” may be substituted with the words “further vaccinated in compliance with the Schedule of vaccination.”

**5. Amendment in section 6.—**The words “when it is ascertained at the time of inspecting a child under section 5 that the vaccination has been successful a certificate” may be substituted with the words “after completion of vaccination as provided in the vaccination schedule, a certificate of protection”.

**6. Omission of section 10.—** Section 10 shall be omitted.

**7. Insertion of new sub-section in section 15.—**In section 15, following sub-section (3) may be inserted.

(3) The Government may, by notification in the official Gazette, amend the Schedule in order to delete or add any vaccination.

**Schedule  
(See Section 4 (2))**

Age group	Disease
Birth	BCG + OPV+HBVI
1-1/2 Months	OFV2+HBV2+DTP+HIBI
2-1/2 Months	OPV3+DTP2+HIBI+PCVI
3-1/2 Months	OFV4+DTP3+HIB3+ PCV2
6 Months	HBV3+PCV3
9 Months	Measles
12 Months	MMRI+ Varicella
15 Months	HIB4+PCV4
18 Months	Hepatitis A1 + DPT4+OPV5
24 Months	Hepatitis A2 + Typhoid
5 years	OPV6+DTP5+Typhoid+MMR2
12 years	DT
Others	Meningococcal

(BCG; is vaccine against tuberculosis; OPV: Oral Polio Vaccine; HBV: Hepatitis B; DTP: A combination of diphtheria and tetanus toxoids and pertussis vaccine; administered intramuscularly to immunize children against diphtheria, tetanus, and pertussis infections; HIB haemophilus influenza type B vaccine; PCV: pneumococcal conjugate vaccine for pneumococcal infections ; MMR: is an immunization shot against measles, mumps and rubella; Varicella; Chickenpox vaccine; DT Diphtheria and Tetanus Toxoids).

## A

### Bill

Further to amend the **Balochistan Vaccination Ordinance, 1958** (West Pakistan Ordinance No. XXVII of 1958).

WHEREAS it is expedient to amend the Balochistan Vaccination Ordinance, 1958 for the purpose hereinafter appearing.

It is hereby enacted as follows:-

**1. Short title and Commencement.**— (1) This Act may be called the Balochistan Vaccination (Amendment) Act, 2012.

(2) It shall come into force at once.

**2. Amendment in section 2.**—(1) In clause (dd), the expression “Smallpox Eradication Officer” may be substituted with the expression “Vaccination Officer”.

(2) In clause (f), after the words “has not been protected from” the words “smallpox by having had that disease,” may be substituted with the words “vaccine prevented diseases.”

(3) In clause (g) after the words “introduction of” the remaining words may be substituted with the words “vaccine into the body for the purpose of inducing immunity against vaccine prevented diseases”.

(4) After clause (g), following new clause (gg) may be inserted:-

(gg) “Vaccine Prevented Diseases” means Tuberculosis, Polio, Hepatitis B, Diphtheria, Tetanus, Pertussis, Haemophilus Influenza, Measles, Mumps, Rubella, Chickenpox, Smallpox and Pneumococcal Conjugate”.

**3. Amendment in section 3.**—(1) In sub-section (1) after the words “local authority or” the words “Smallpox Eradication Officer”

may be substituted with the words “Vaccination Officer including Superintendent of Prison, Incharge of Dar-ul-Aman, Borstal Institution, Remand Home and other Institution where children are residing or kept to enforce the provisions of this Ordinance within their respective jurisdiction so that all unprotected children and persons are vaccinated.”

(2) In sub-section (2), after the words “District Health Officer or any” the words “Smallpox Eradication Officer” may be substituted with the words “Vaccination Officer”.

**4. Amendment in section 4.**—(1) in sub-section (1), the words “After an unprotected child has attained the age of six months and before the child is one year of age,” may be substituted with the words “after periodic vaccination becomes due, as provided in the schedule.”

(2) In Sub-section (2), after the words “date on which the child is to be” the words “inspected in order to ascertain the result of the operation,” may be substituted with the words “further vaccinated in compliance with the Schedule of vaccination.”

**5. Amendment in section 6.**—The words “when it is ascertained at the time of inspecting a child under section 5 that the vaccination has been successful a certificate” may be substituted with the words “after completion of vaccination as provided in the vaccination schedule, a certificate of protection”.

**6. Omission of section 10.** Section 10 shall be omitted.

**7. Insertion of new sub-section in section 15.** In section 15, following sub-section (3) may be inserted.

(3) The Government may, by notification in the official Gazette, amend the Schedule in order to delete or add any vaccination.

**Schedule  
(See Section 4 (2))**

Age group	Disease
Birth	BCG + OPV+HBVI
1-1/2 Months	OFV2+HBV2+DTP+HIBI
2-1/2 Months	OPV3+DTP2+HIBI+PCVI
3-1/2 Months	OFV4+DTP3+HIB3+ PCV2
6 Months	HBV3+PCV3
9 Months	Measles
12 Months	MMRI+ Varicella
15 Months	HIB4+PCV4
18 Months	Hepatitis A1 + DPT4+OPV5
24 Months	Hepatitis A2 + Typhoid
5 years	OPV6+DTP5+Typhoid+MMR2
12 years	DT
Others	Meningococcal

(BCG; is vaccine against tuberculosis; OPV: Oral Polio Vaccine; HBV: Hepatitis B; DTP: A combination of diphtheria and tetanus toxoids and pertussis vaccine; administered intramuscularly to immunize children against diphtheria, tetanus, and pertussis infections; HIB haemophilus influenza type B vaccine; PCV: pneumococcal conjugate vaccine for pneumococcal infections ; MMR: is an immunization shot against measles, mumps and rubella; Varicella; Chickenpox vaccine; DT Diphtheria and Tetanus Toxoids).

## A

### Bill

To further amend the **Sindh Vaccination Ordinance, 1958** (West Pakistan Ordinance No. XXVII of 1958).

WHEREAS it is expedient to amend the Sindh Vaccination Ordinance, 1958 for the purpose hereinafter appearing.

It is hereby enacted as follows:-

**1. Short title and Commencement.**— (1) This Act may be called the Sindh Vaccination (Amendment) Act, 2012.

(2) It shall come into force at once.

**2. Amendment in section 2.**—(1) In clause (dd), the expression “Smallpox Eradication Officer” may be substituted with the expression “Vaccination Officer”.

(2) In clause (f), after the words “has not been protected from” the words “smallpox by having had that disease,” may be substituted with the words “vaccine prevented diseases.”

(3) In clause (g) after the words “introduction of” the remaining words may be substituted with the words “vaccine into the body for the purpose of inducing immunity against vaccine prevented diseases”.

(4) After clause (g), following new clause (gg) may be inserted:-

(gg) “Vaccine Prevented Diseases” means Tuberculosis, Polio, Hepatitis B, Diphtheria, Tetanus, Pertussis, Haemophilus Influenza, Measles, Mumps, Rubella, Chickenpox, Small Pox and Pneumococcal Conjugate”.

**3. Amendment in section 3.**—(1) In sub-section (1) after the words “local authority or” the words “Smallpox Eradication Officer”

may be substituted with the words “Vaccination Officer including Superintendent of Prison, Incharge of Dar-ul-Aman, Borstal Institution, Remand Home and other Institution where children are residing or kept.”

(2) In sub-section (2), after the words “District Health Officer or any” the words “Smallpox Eradication Officer” may be substituted with the words “Vaccination Officer”.

**4. Amendment in section 4.—**(1) in sub-section (1), the words “After an unprotected child has attained the age of six months and before the child is one year of age,” may be substituted with the words “after periodic vaccination becomes due, as provided in the schedule.”

(2) In Sub-section (2), after the words “date on which the child is to be” the words “inspected in order to ascertain the result of the operation,” may be substituted with the words “further vaccinated in compliance with the Schedule of vaccination.”

**5. Amendment in section 6.—**The words “when it is ascertained at the time of inspecting a child under section 5 that the vaccination has been successful a certificate” may be substituted with the words “after completion of vaccination as provided in the vaccination schedule, a certificate of protection”.

**6. Omission of section 10.—** Section 10 shall be omitted.

**7. Insertion of new sub-section in section 15.—**In section 15, following sub-section (3) may be inserted.

(3) The Government may, by notification in the official Gazette, amend the Schedule in order to delete or add any vaccination.

**Schedule  
(See Section 4 (2))**

Age group	Disease
Birth	BCG + OPV+HBVI
1-1/2 Months	OFV2+HBV2+DTP+HIBI
2-1/2 Months	OPV3+DTP2+HIBI+PCVI
3-1/2 Months	OFV4+DTP3+HIB3+ PCV2
6 Months	HBV3+PCV3
9 Months	Measles
12 Months	MMRI+ Varicella
15 Months	HIB4+PCV4
18 Months	Hepatitis A1 + DPT4+OPV5
24 Months	Hepatitis A2 + Typhoid
5 years	OPV6+DTP5+Typhoid+MMR2
12 years	DT
Others	Meningococcal

(BCG; is vaccine against tuberculosis; OPV: Oral Polio Vaccine; HBV: Hepatitis B; DTP: A combination of diphtheria and tetanus toxoids and pertussis vaccine; administered intramuscularly to immunize children against diphtheria, tetanus, and pertussis infections; HIB haemophilus influenza type B vaccine; PCV: pneumococcal conjugate vaccine for pneumococcal infections ; MMR: is an immunization shot against measles, mumps and rubella; Varicella; Chickenpox vaccine; DT Diphtheria and Tetanus Toxoids).