



CIRCULAR NO.: **H 196** /2015

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MILITARY HEALTH SERVICES

CORRECTIONAL SERVICE

EXECUTIVE DIRECTOR HEALTH: CITY OF CAPE TOWN

NB: For Circulation to all Facility Managers, Pharmacists, Nurses and other relevant Health Care Workers.

INTRODUCTION OF THE NEW MEASLES VACCINE (with reference to Circular H173/2015)

PURPOSE

This circular is intended to inform all healthcare workers involved in the supply of EPI vaccines to the public, of the introduction of the new measles vaccine.

Due to the rise in the demand for combination measles vaccines e.g. MMR, Sanofi Pasteur has discontinued the manufacturing of Rouvax®. The Biovac Institute will be supplying provinces with MeasBio® which is manufactured by BioFarma, Indonesia to replace the Rouvax® vaccine in the EPI schedule.

The NDoH together with the Biovac Institute facilitated training of trainers on the new measles vaccine and the impact on the EPI schedule including the route of administration on the 5th October 2015 at Lenteguur Hospital.

District trainers are expected to facilitate training within the district/sub-district/sub-structure and include Private Providers, Correctional Services and Defence Force where appropriate.

The new measles will be administered at **6 and 12 months, subcutaneously, using a 27G, 5/8" needle**. A tender will be established by NDoH. In the interim, 26G 5/8" needles available from CMD @ R0.15 each may be used.

Pinch Up on subcutaneous (SC) tissue to prevent injection into muscle. Insert the needle at 45° angle to the skin (like holding a pen). There is no need to pull back on the syringe plunger after inserting the needle.

Figure 1: Injection technique (SC)

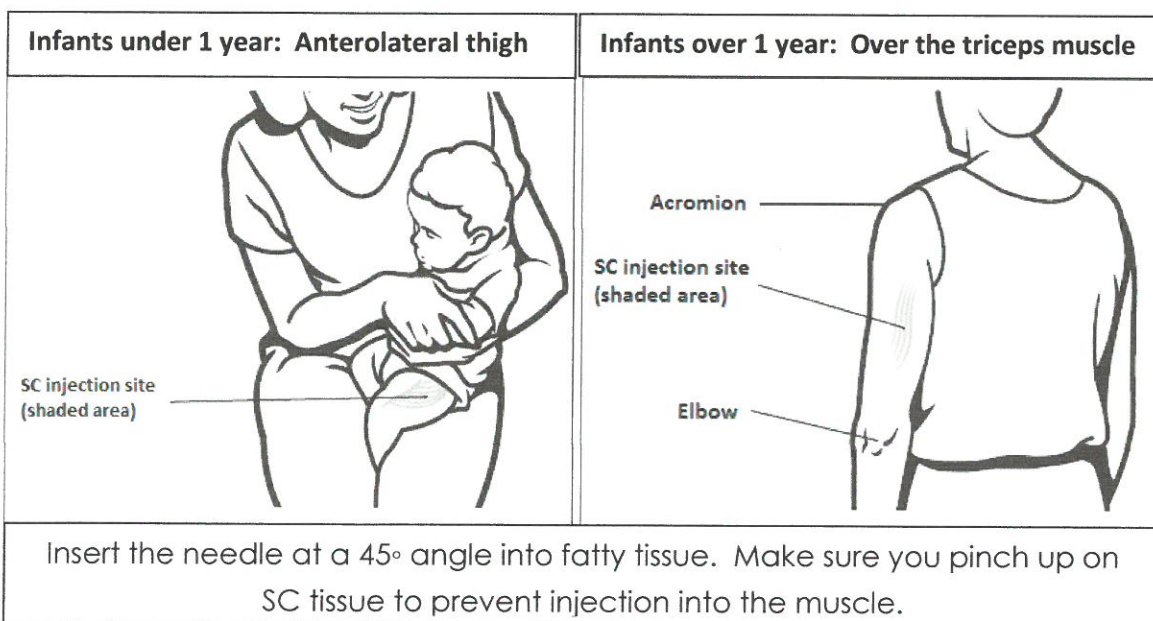
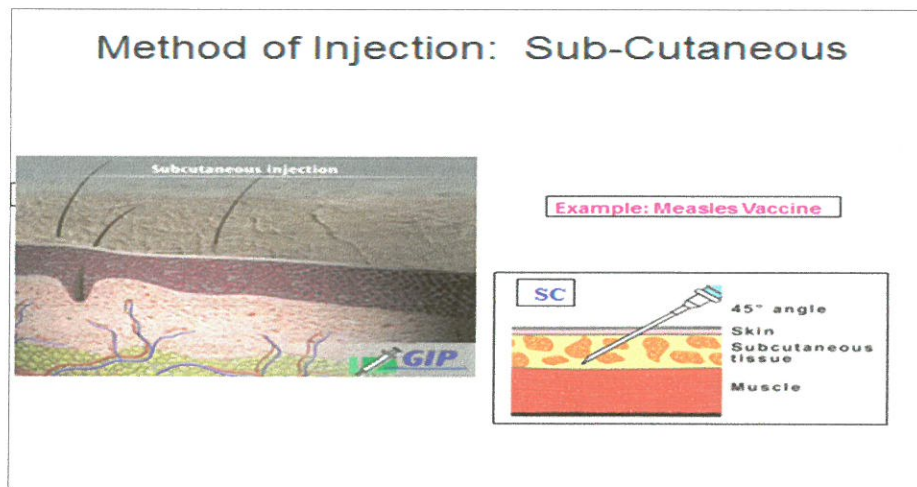




Figure 2: Changes to EPI Schedule

2015/16 Revised Schedule	
Age	Vaccine
Birth	OPV (0), BCG
6 weeks	OPV (1), RV (1), Hexavalent (1) {DTaP-IPV-HB-Hib}* , (1) , PCV (1)
10 weeks	Hexavalent (2) {DTaP-IPV-HB-Hib}*
14 weeks	RV (2), Hexavalent (3) {DTaP-IPV-HB-Hib}* , PCV (2)
 6 months	Measles (1)
9 months	PCV (3)
 12 months	Measles (2)
18 months	Hexavalent (4), {DTaP-IPV-HB-Hib}*
6 years (school entry)	Td
9 years (Grade 4)	HPV Vaccine
12 years (Grade 7)	Td

The current vaccine (Rouvax®) may be administered sub-cutaneous (SC) at 6 and 12 months. To ensure synergy and a smooth change over, **it is recommended that from 1 December 2015, all measles vaccines are provided SC at 6 and 12 months.**

Scenario	MCV1	PCV3	MCV2	Hexavalent 4
Child is 6/12 @ clinic	Give @ 6/12	Give @ 9/12	Give @ 12/12	Give @ 18/12
Child is 9/12 @ clinic	Give @ 9/12	Defer for 4 weeks Give @ 10/12	Give @ 12/12	Give @ 18/12
Child is older than 9/12, but under 1 year	Give MCV1	Defer PCV3 for 4 weeks	Give MCV2 @ 12/12 or 4 weeks after PCV3	Give @ 18/12
Child is 12/12 & older. Has not received MCV1	Give MCV1	Give PCV3 4 weeks after MCV1	Give 4 weeks after PCV3	Give 4 weeks after MCV2 of at 18/12
Child had MCV1 & comes at 12/12	Received	Received	Give @ 12 months	Give @ 18 months
Child had MCV1 & comes for MCV2 at 18/12	Received	Received	Give @ 18/12	Defer hexavalent for 4 weeks
Child had MCV1 & comes for MCV2 at 12/12 and older	Received	Received	Give when child comes	Gives hexavalent 4 weeks after MCV2 or @ 18/12
Any child not vaccinated, younger than 6 years who missed measles vaccine	Give MCV1	Give MCV2 4 weeks after missed doses (PCV & hexa)	Give 4 weeks after MCV2 & with 4 weeks between doses of same vaccine	
For outbreak response MCV can be administered at any age from 6 months of age				

Data management (RMR) will remain unchanged as MCV 1st dose (under one year) & MCV 2nd dose (booster). The indicator "Fully Immunised Under One Year" will remain unchanged.

No changes will be made to the Road To Health Booklet. Vaccinators must record the new vaccine in the existing lines on the bottom of the table. Delete / Blank out the measles vaccine at 9 & 18 months.

Figure 3: Sample – Road To Health Booklet.

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IMMUNISATIONS					
Name and surname:			ID number: <div style="border: 1px solid black; width: 100%; height: 15px; display: flex; justify-content: space-between;"> </div>		
Age group	Batch no.	Vaccine	Site	Date given dd/mm/yy	Signature
Birth		BCG	Right arm		
		OPV0	Oral		
6 weeks		OPV1	Oral		
		RV1	Oral		
		DTaP-IPV-Hib1	Left thigh		
		Hep B1	Right thigh		
		PCV 1	Right thigh		
10 weeks		DTaP-IPV-Hib2	Left thigh		
		Hep B2	Right thigh		
14 weeks		DTaP-IPV-Hib3	Left thigh		
		Hep B3	Right thigh		
		PCV2	Right thigh		
		RV2	Oral		
9 months		PCV3	Right thigh		
18 months		DTaP-IPV-Hib4	Left arm		
6 years		Td	Left arm		
12 years		Td	Left arm		
6 months		Measles 1	Left thigh		
12 months		Measles 2	Right arm		

HEAD CIRCUMFERENCE AT 14 WEEKS AND AT 12 MONTHS

14 Weeks: _____ (Range: 37 - 42 cm) 12 Months: _____ (Range: 42 - 47,5)

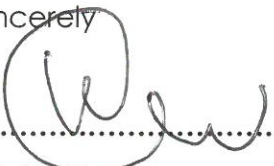
REFER if head circumference is outside range

ROAD TO HEALTH

Direct queries regarding:

- Clinical matters: Provincial EPI manager, Sonia Botha.
- Ordering process: CMDHELPDESK.CMDHELPDESK@westerncape.gov.za or the DDV Procurement Pharmacist, Wilgra Willis for the logistics.
- Stock availability: Provincial Cold Chain Manager, Sisanda Mtatambi.
- City of Cape Town facilities must direct their enquiries to the Pharmacy Manager, Irena Lukasiewicz.

Sincerely



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DR. K. Cloete

DDG: Chief of Operations

DATE: 23/11/2015