



Immunisation and Injection Technique

COURSE OBJECTIVE

To provide supplementary education and training to pharmacists and other health care practitioners, so as to equip them with the knowledge and skills to perform vaccinations in line with the Expanded Programme for Immunisation of South Africa (EPI-SA).

COURSE OUTCOMES

Upon successful completion of this course participants will:

- Understand how the immune system works and how immunity is conferred
- Know the target diseases of the EPI and how they are spread
- Be able to deduce an immunisation strategy according to the patient's needs
- Be able to set up and maintain the cold chain for vaccines in order to ensure potency of the product
- Understand the Good Pharmacy Practice (GPP) requirements when dealing with sharps and their disposal
- Be able to identify the correct sites for intramuscular, and sub-cutaneous injections
- Be able to give injections according to the GPP techniques specified
- Be able to provide an Immunisation service to the community as specified by the EPI

LEARNER PROFILE AND ENTRANCE REQUIREMENTS

This course is intended for pharmacists and other registered health care practitioners who want to perform vaccinations in a clinic setting. Entrance is open for all health care practitioners who are registered as such with their respective councils and who are included in the EPI as "immunisers". (Registration with Pharmacy Council, Nursing Council or Medical Council)

COURSE CONTENT

- The immune system and its function
- The EPI - Expanded Programme for Immunisation
- Target diseases and their spread
- Basic immunisation schedules and strategies
- Route of administration, dosage and expected effect
- Good pharmacy practice requirements
- Injection technique (practical)

PRESENTATION AND DURATION OF THE COURSE

The course is presented as an attendance course which is held at the HSA training centre in Pretoria or as an online training session. The course will also be presented at various centres around the country by arrangement with Health Science Academy.

Practical sessions can be done face-to-face or with an online facilitator via MS Teams.

COURSE MATERIAL

All lecture material is presented in a comprehensive course manual. For online training the manual is available for downloading and there are three videos included covering an overview of injections, practical injections sessions and adverse reactions and how to handle them.

ACCREDITATION/CERTIFICATION

The course is offered as an attendance/online course and a certificate will be issued to participants who successfully complete the practical component of the course.

BOOKING PROCEDURE

Contact Health Science Academy at Tel: 087 821 1109

E-mail: hsaenquiries@healthscience.co.za

www.hsa.co.za

PLEASE NOTE: PHARMACIST'S ASSISTANTS MAY ATTEND THIS COURSE, BUT THEY WILL NOT RECEIVE A CERTIFICATE, AS THE ADMINISTRATION OF INJECTIONS DOES NOT FALL WITHIN THEIR APPROVED SCOPE OF PRACTICE. THEY MAY, HOWEVER, USE THE INFORMATION TO SET UP AND MAINTAIN A CLINIC WITHIN THE PHARMACY.

Health Science Academy reserves the right to make changes without prior notification



Online letter of introduction

Immunisation and Injection Technique

The aim of this course is to provide supplementary education and training to pharmacists and other healthcare practitioners, to equip them with the knowledge and skills to perform vaccinations in line with the Expanded Programme for Immunisation of South Africa (EPI-SA).

This course is intended for persons who want to perform vaccinations in a clinic setting and consists of two parts:

- Immunisation
- Injection technique.

Immunisation

The topics covered in this part are:

- The immune system and its function
- The EPI - Expanded Programme for Immunisation
- Target diseases and their spread
- Basic immunisation schedules and strategies
- Route of administration, dosage and expected effect
- Good pharmacy practice requirements.

The material will take about 7-8 hours to study. After completing this Knowledge Section on immunisation, please complete the questionnaire (1 hour).

You will be allowed two attempts to complete the questionnaire successfully.

Injection technique

For the part of the course on injection technique, study the three videos that have been uploaded. Section 1 provides an overview of injections, section 2 the practical demonstration of how to give an injection and section 3 covers the adverse reactions that may occur and how to handle them.

- After watching the three video sections on injection technique, practice on an orange until you feel you are competent.
- When you are ready, schedule a practical session by writing an e-mail to penny.coutts@healthscience.co.za.
- The session will be 30 minutes long and you will meet with a facilitator for the course via MS Teams or Zoom.
- During the practical session, you have to demonstrate your injection technique and the facilitator will make any corrections required.
- During this session you can also clarify any theoretical questions that you may have from the Knowledge Section

- If the facilitator is satisfied with your technique, you can proceed to do the 10 intramuscular injections and the 5 subcutaneous injections under the supervision of a qualified person (nurse or doctor).
- The practical form that must be used to record these injections and the signatures of the qualified person is attached as Annexure 10 to your Resource Guide and is also uploaded separately for you to print.
- Return the completed practical form, duly signed, to pennyc@healthscience.co.za.

Certification

To obtain the certificate of competence, participants are required to

- successfully complete the questionnaire
- be competent with the injection technique
- complete 15 injections under supervision
- complete the practical form and submit it to Penny Coutts at HSA - pennyc@healthscience.co.za.

Certificates will be issued within a month after submission of the practical form and when all financial obligations have been met.

Contact details

Tel: 087 821 1190

Fax: 081 680 0671

Good luck with your studies!



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 ☒ 75324 Lynnwood Ridge, 0040 South Africa
 Tel: (+27) 087 821 1109
 E-mail: hsaenquiries@healthscience.co.za
www.hsa.co.za

IMMUNISATION APPLICATION FORM

Applicant's details

Surname			
Name			
Title (Mr/Mrs/Ms/Dr)			
Race		Male	Female
Qualifications			
Identity number			
Employer/pharmacy			
Position/job title			
Name to be written on certificate			
SAPC registration no (if applicable)			
Address for correspondence		Work:	Home:
Tel number	(h) ()	(w)()	(cell)
Fax number	()		
E-mail address			

How did you hear about Health Science Academy?

IMMUNISATION TRAINING AND INJECTION TECHNIQUE

Online		Attendance		Date	
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Payment details

Person/company to be invoiced			
Company VAT number if applicable			
Direct deposit	Copy of deposit slip attached		
Credit card	Credit card payment can only be processed if the owner of the card is present in person		
Payments to be made to			
Account name	Health Science Academy	Bank	First National
Branch code	252-045	Account number	50631131815
Credit card number			
Please indicate:		Master Card <input type="checkbox"/>	VISA <input type="checkbox"/>
		Diners <input type="checkbox"/>	Amex <input type="checkbox"/>
If payment is done by credit card budget account, mark period in months	6 months	12 months	18 months
		Expiry date	Last 3 digits on back of card
Card holder surname and initials:		Card holder's signature:	

Personal requirements

Special dietary requirements?

I hereby apply to be enrolled in the abovementioned course. I understand that:

- The fees include the manuals and assessments as relevant.
- The fees are not refundable unless I am prevented by illness (supported by a doctor's certificate) from completing the course or, I have given Health Science Academy at least two weeks notice before the course commences, that I wish to cancel or substitute a person. A fee of 50% will be charged per delegate for late cancellation or non-attendance.
- If I do not attempt an assessment for any reason within the allotted time period other than sickness (supported by a doctors' certificate), I will not be eligible for a refund of any part of the fee and that should I wish to attempt an assessment, then any further assessment fees will be for my own account. Furthermore, should I not be competent when assessed at the first attempt, further assessment fees will be for my own account.

I agree to the above terms and conditions governing my application and I agree to be bound by them.

Signature of applicant

Date

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