



Association of Alaska Community Health Aide Program Directors

c/o
Alaska Native Tribal Health Consortium
4000 Ambassador Drive, Fourth Floor
Anchorage, AK 99508
Phone: (907) 729-4492/3642 Fax: (907) 729-3629
Website: www.akchap.org

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To: CHAP Directors, Training Center Directors, Training Coordinators/Instructors, and Field Supervisory Staff

Sue Steward, CHP
Chairperson
CHAP Director
Chugachmiut
Phone: 907-491-1514
Email: sue@chugachmiut.org

John Everson
Secretary
CHAP Director
SouthEast Alaska Regional Health Consortium
Phone: 907-966-8760
Email: johne@searhc.org

Crystal Stordahl, PA-C
Past Chair/Advisor
CHAP Director
Tanana Chiefs Conference
Phone: 907-452-8251
Email: crystal.stordahl@tananachiefs.org

The Association of Alaska Community Health Aide Program Directors has approved the revision of the June 2010 Community Health Aide Basic Training Curriculum, Unit 24a, General Information about Medicines, as follows:

1. A section has been added regarding the use of the EpiPen for treatment of severe allergic reactions.
2. This will be covered in all four Basic Training Sessions.
3. It will include skills practice by the students.

The reasons for this addition to the Basic Training Curriculum are:

1. Severe allergic reaction or anaphylaxis and its treatment was a topic already covered and practiced in this unit in every Basic Training Session, using epinephrine in ampule form.
2. The EpiPen is the form of epinephrine stocked in many village clinics. In addition, some patients with severe allergies are prescribed the EpiPen, carry it on their person, and may need assistance administering it.
3. Familiarity with the EpiPen is important for Health Aides. There have been many cases of the EpiPen being administered incorrectly by emergency providers, resulting in injury to the provider and a delay in treating the patient.

The procedure for incorporating this change into your copy of the Curriculum is as follows:

1. Replace the Curriculum Table of Contents pages (at the front of the Curriculum) with the enclosed revised Table of Contents.
2. Replace the 6/2010 Unit 24a in your Curriculum with the enclosed revision dated 9/2012.
3. If you need copies of the Community Health Aide Basic Training Curriculum Statewide Services will provide upon request a hardcopy binder and/or disk (pdf or Word) with the entire Curriculum.

Please assure that all staff in your organization who use the Curriculum have the revision. You may also print copies from <http://www.akchap.org/html/library/academic-review-committee.html> CHA Curriculum Revision September 2012.

If you have any questions contact Shae Aliu at saliu@anthc.org or 729-4492, CHAP Statewide Services or me.

Dan Thomas
Chair, Academic Review Committee
Community Health Aide Training Curriculum Coordinator
Norton Sound Health Corporation
thomasdan@nshcorp.org
443-3324

Enclosures

Unit Number

Revision Date

- 13 Urinary System (Male and Female)
- 14 Reproductive System
 - 14a Male Genitals and Reproductive System
 - 14b Female Genitals and Reproductive System
- 15 Breast
- 16 Musculoskeletal System
- 17 Nervous System
- 18 Endocrine System
- 19 Skin
- 20 Introduction to Mental Health and Social Issues
 - 20a Introduction to Mental Health
 - 20b Mental Health Promotion for the CHA
 - 20c Introduction to the Mental Health Emergency Patient
 - 20d Mental Health Promotion for Patients and Families
 - 20e Mental Illness
 - 20f Substance Abuse and Dependency (Alcohol and Other Drugs)
 - 20g Family Problems, Violence and Abuse (includes Child Abuse)
 - 20h Sexual Abuse/Rape: Evaluating the Rape Victim
 - 20i Grief and Loss, Death and Dying
 - 20j Suicide
- 21 Pregnancy-Related Health Care
 - 21a Family Planning
 - 21b Pregnancy and Prenatal Care
 - 21c Fetal Alcohol Spectrum Disorders (FASD)
 - 21d Labor and Delivery in the Village
 - 21e Postpartum Care
- 22 Child and Adolescent Health Care
 - 22a Approach to Child Care
 - 22b Newborn
 - 22c Well Child
 - 22d Sick Child
 - 22e The Grade School Age Child through Adolescence (age 5-18)
- 23 Approach to Elder Health Care
- 24 Medicines
 - 24a General Information about Medicines
 - 24b Using the CHAM Medicine Handbook and Giving Medicines to Patients
 - 24c Management of Medicines in the Clinic
- 25 Communicable Diseases
 - 25a Introduction to Communicable Diseases in Alaska
 - 25b Immunizations
 - 25c Management of Tuberculosis in the Community
 - 25d Sexually Transmitted Infections (STI) in the Community
 - 25e HIV Infection and Acquired Immune Deficiency Syndrome (AIDS)
- 26 Environmental Health
 - 26a Introduction to Environmental Health
 - 26b Food and Waterborne Diseases in Alaska
 - 26c Rabies
 - 26d Injury Prevention
- 27 Maintaining Wellness
 - 27a Health Promotion and Surveillance
 - 27b Health/Patient Education Techniques
 - 27c Nutrition
 - 27d Chronic Disease
 - 27e Cancer
- 28 CHA On-Going Education
- 29 Clinic Management

9/2012

Recommended Resources for Instructors and Community Health Aides
Working with this Curriculum Document – last page

**Community Health Aide Program
2010 Basic Training Curriculum Hours by Session**

Description	Unit	Session I				Session II				Session III				Session IV				Unit Total
		Class	Skills	Clinic	⊗	Class	Skills	Clinic	⊗	Class	Skills	Clinic	⊗	Class	Skills	Clinic	⊗	
Introduction to CHAP	1	1.5				1.5												3
Gen. Health & Disease	2a	2																2
Immune Sys/Infection	2b	1																1
Anatomy & Function	3	3																3
History	4a	1	2.5		⊗	0.5	1		⊗				⊗		0.5	1.5	⊗	7
Exam	4b	1.5	5.5	4	⊗	0.5	2	1	⊗				⊗			1	⊗	15.5
Assessment	4c	0.5	1		⊗				⊗				⊗				⊗	1.5
Plan	4d	0.5	1		⊗				⊗				⊗				⊗	1.5
Using CHAM	4e	1	1		⊗				⊗				⊗				⊗	2
Reporting	4f	0.5	1		⊗		1		⊗				⊗	1			⊗	3.5
Med. Vocabulary	4g	0.5			⊗				⊗				⊗				⊗	0.50
Summary Pt Encounter	4h	2	1	12		1		12								8		36
Cleaning Med Equip.	5a1	1																1
Handwashing	5a2		0.25		⊗				⊗				⊗				⊗	0.25
Standard Precautions	5a3		1		⊗				⊗		0.5		⊗				⊗	1.5
Response to Contamin.	5a4	0.5			⊗				⊗	0.25			⊗				⊗	0.75
Clean/Sterile Techniques	5a5		1		⊗				⊗				⊗				⊗	1
IV Therapy	5b1		3				3				3				3			12
Plaster Splinting	5b2						2											2
Crutch Fitting / Walking	5b3						0.5											0.50
Eye Skills	5b4		2.25												2			4.25
Ear Skills	5b5		1.25															1.25
Postural Drain/Clapping	5b6						0.5								0.5			1
Wound Care	5b7		4				4				3				3			14
Blood Drawing	5c1		2	1			1.5	1			1		⊗		1		⊗	7.5
Hemoglobin Testing	5c2		1				0.5											1.5
Blood Glucose Testing	5c3		1												0.5			1.5
TB Skin Test	5c4						1								0.5			1.5
Sputum and TB Culture	5c5						0.5											0.50
Throat Swab/Strep Test	5c6		0.75															0.75
Culture for Infection	5c7		0.25															0.25
Urine Sample & Dipstick	5c8		1				0.5											1.5
Specimen-Urine Culture	5c9						0.25											0.25
Urine Pregnancy Test	5c10						0.5				0.25							0.75
Specimen:GC/Chlamydia	5c11										0.5							0.50
Stool Specimens/Tests	5c12						0.75											0.75
Injections	5d1		4		⊗		2		⊗				⊗				⊗	6
Mixing Powdered Meds	5d2		1															1
Meds Given by Inhalation	5d3		0.75												0.75			1.5
Emergency Care Skills	6a	14.25	8.75															23
Poisoning	6b	2																2
Emergency Care Review	6c					2	8.5			1.5	6.5			1.5	6.5			26.5
Eye	7	2	0.5											2	0.5			5
Ear	8	2	2	1		1.5	1.5				1			1	2	1		13
Dental Health	9a					2	2											4
Dental Problems	9b					2.5	1.5											4
Respiratory System	10	3	1	1		2	1	1						2	2	1		14
Circulatory System	11					3	1	1						3	2	1		11
Digestive System	12	3	1	1		3	1	1						2	1	1		14
Urinary System	13					2	0.5			1								3.5
Repro System - Male	14a					1	0.5			1	1							3.5
Repro System - Female	14b					3	1			2	1				1	4		12
Breast	15									1	1				1			3
Musculoskeletal Sys	16					3	1							2	2			8
Nervous System	17					3	1							2	2			8
Endocrine System	18					1.5	0.5							4	1			7
Skin	19	1	2			2	2							1	2			10

MEDICINES

General Information about Medicines, Unit 24a

Session	Class hrs.	Skills practice hrs.
Session I	1.5	0.5 (objective 4)
Session II		0.5 (objective 4)
Session III		0.5 (objective 4)
Session IV	2	0.5 (objective 4)

Performance level at end of session:				Objective:
I	II	III	IV	The CHA will:
				1. Using the <u>CHAM Medicine Handbook</u> and other references, discuss the following pharmacological concepts:
2				• Medicine (drug).
2				• Desired therapeutic effect.
2				• Contraindications to medicine use (warning section in <u>CHAM Medicine Handbook</u>).
2				• Side effect.
∇	∇	∇	∇	• Allergic reaction (∇ = taught in objective 4 below).
2				• Medication (drug) interaction.
2				• Prescription medicine.
2				• Non-prescription (Over-the-counter; OTC) medicine.
2				• Controlled drug medicine.
2				• Brand name.
2				• Generic (official, medical name).
2				• Street drug.
				2. Using the <u>CHAM Medicine Handbook</u> and other references, discuss basic types of medicines commonly used for assessments made by the CHA:
1				• Antacid.
1				• Antibiotic.
1				• Antifungal.
1				• Antihistamine.
1				• Anti-inflammatory.
1				• Cough medicine.
1				• Decongestant.
1				• Fever medicine (antipyretic).
1				• Laxative.
1				• Pain medicine (analgesic).
1				• Vaccine.
1				• Vitamin.

Level 1: Familiarity, Awareness

Level 2: Knowledge: recall; Skills: with limited guidance from instructor

Level 3: Knowledge: application; Skills: without guidance from instructor

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Unit 24a

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MEDICINES

General Information about Medicines, Unit 24a

I	II	III	IV	The CHA will:
				3. Discuss the different ways of giving medicines (routes of administration) (see also Procedures and Lab Tests, Unit 5):
1				• Oral.
1				• Sublingual.
1				• Topical (creams, ointments, solutions, drops); (skin, eyes, ears).
1				• Transdermal.
1				• Injectable (IM, SQ, intradermal, and IV).
1				• Suppositories (rectal, vaginal).
1				• Inhalation (inhaler, nebulizer).
				4. Understand the concept of allergic reaction:
2	3	3	3	• Recognize the symptoms and signs of mild allergic reactions and severe allergic (anaphylactic) reactions (see also Skin, Unit 19).
2	3	3	3	• Identify Epinephrine as the treatment for severe allergic reactions.
2	3	3	3	• Demonstrate with an ampule and a syringe the proper weight-related dosages and the proper technique for administration of Epinephrine.
2	3	3	3	– Perform skill in less than 3 minutes by end of Session II.
2	3	3	3	• Describe the use of the EpiPen.
				– Demonstrate the selection of the proper EpiPen dose.
2	3	3	3	– Demonstrate simulated epinephrine administration using the EpiPen Trainer Auto-Injector Training Device.
				5. Discuss at an introductory level the mechanism of action for commonly used categories of medicines:
			2	• Antibiotics.
			2	• Cardiac medicines.
			2	• Antihypertensives.
			2	• Seizure medicines.
			2	• Steroids.
			2	• Bronchodilators.
			2	• Hormone replacement.
			2	• Non-steroidal anti-inflammatory drugs (NSAIDS).
			2	• Psychotropics.
				6. Discuss the concepts of physiology that may change medicine utilization:
			2	• Decreased absorption.
			2	• Liver metabolism rates.
			2	• Urinary excretion.
			2	• Medicine-medicine (drug-drug) interactions.
			2	• Age.
			2	• Pregnancy.
			2	• Alcohol use.

MEDICINES

General Information about Medicines, Unit 24a

I	II	III	IV	The CHA will:
				7. Describe the reasons for periodic blood testing of medicine (drug) level:
			2	<ul style="list-style-type: none">• Baseline renal and hepatic function.
			2	<ul style="list-style-type: none">• Monitoring adverse effects.
			3	8. Describe how to use the <u>CHAM Medicine Handbook</u> and other resources to find information regarding the side effects of a medicine.
			3	9. Discuss ways to increase patient compliance in taking medicines.

