

Under the patronage of the Minister of National Defense
the aegis of the INTERNATIONAL COMMITTEE OF MILITARY MEDICINE

The General Directorate of Military Health

Organizes the

11TH ICMM INTERNATIONAL COURSE ON HEALTH SUPPORT IN SAHARAN ENVIRONMENT ENGLISH & FRENCH SESSIONS



TUNISIA TOZEUR, NOVEMBER 4-8, 2024

Main topics:

Heat-related diseases

Saharan environment and pathology:

Water Management in Saharan Environment

Specific Pathologies of Saharan Environment

Cutaneous Leishmaniasis

Medical support in saharan environment

Survival in saharan environment

Scorpion and ophidian envenomation



Inscription



Secrétariat : Direction Générale de la Santé Militaire - Bab Saadoun - 1005 - Tunis

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Sunday November 03, 2024

(Military dress: Class B uniform)

Welcoming participants: SEN COL (MD) Khaled LAMINE

Transfer from Tozeur International Airport to the Hotel

Accommodation: EL MOURADI Hotel, Tozeur

Registration: LTC (Ph) Aymen TALBI

Schedules	Titled	Duration	Speaker
19:00	Tunisian Surgeon General speech	10 min	BRIG GEN (MD) M. AZAIEZ
19:10	Course Director speech	10 min	SEN COL (MD) K. LAMINE
19:20	ICMM SG speech	10 min	ICMM representative
19:30	Introductory conference of the course: the Sahara	20 min	LTC (MD) A. SOUISSI
20:00	Dinner at the hotel		

Monday November 04, 2024

(Military dress: BDU uniform)

Module : Heat : Pr A. BEN MANSOUR

Schedules	Titled	Duration	Speaker
8:30	Knowledge pre-assessment test	05 min	
8:35	Introduction and module overview	05 min	Pr A. BEN MANSOUR
8:40	Acclimatization to exercise in hot environment	30 min	Pr A. BEN MANSOUR, Dr
9:10	Pathologies induced by heat (Clinical aspects, diagnosis, risk factors ...)	20 min	K. AYED COL (MD) I. KANOUN
9:30	Management of heat related pathologies	15 min	LTC (MD) M. HAGUI
9:45	Prevention of heat related disease	15 min	SEN COL (MD) MT. KHOUFI
10:00	Break (Official photo)		
10:30	<u>Workshops :</u> St1 : Environmental factors : WBGT index, The tables work / rest cycles St2 : Management of thermal accident risk St3 : Warm acclimatization exercise: How to acclimatize to physical exercise in the heat ? St4 : Clinical case study	90 min	SEN COL (MD) MT. KHOUFI COL (MD) I. KANOUN Pr A. BEN MANSOUR
12:00	Assessment test	05 min	
12:30	Lunch		

Module : Leishmaniasis : SEN COL (MD) A. DHAOUI

Schedules	Titled	Duration	Speaker
13:30	Introduction and module overview	05 min	SEN COL (MD) A. DHAOUI
13:35	Knowledge pre-assessment test	05 min	
13:40	Epidemiological news of cutaneous leishmaniasis	20 min	Pr H. BABBA
14:00	Ecology of rodent vectors and reservoirs	20 min	Pr BOUATTOUR
14:20	Clinical varieties and therapeutic management of cutaneous leishmaniasis	30 min	SEN COL (MD) A. DHAOUI
14:40	Prevention and means of control	20 min	LTC (MD) L. MTIBAA
15:00	Discussion		
15:05	Break	10 min	
15:15	<u>Workshops :</u> St1 : Ecology of the leishmaniasis vectors in Tunisia St2 : Ecology of the leishmaniasis reservoirs in Tunisia St3 : Parasitological diagnosis: sampling, preparation of the dermal smear, microscopic reading and molecular diagnosis	90 min	Pr H. BABBA Dr L. RMADI LTC (Vet) O. ZARROUK LTC (MD) L. MTIBAA SEN COL (MD) MT. KHOUFI

16:15	St4 : Video screening, means of control Assessment test	05 min	
17:00	Sunset on the dunes of Anantara Hotel		
19:00	Dinner at the hotel		
20:30	Visit to the « Dar Chraiet » museum		
Tuesday November 05, 2024 (Military dress: Class B uniform)			
Module : Scorpion and ophidian envenomation : Pr B. BOUHAOUALA, Dr Z. BENLASFAR, LTC (MD) M. HAGUI			
Schedules	Titled	Duration	Speaker
8:00	Introduction and module overview	05 min	Pr B. BOUHAOUALA
8:05	Knowledge pre-assessment test	05 min	
8:10	Scorpion and ophidian populations of the Sahara: Fauna and epidemiological data	20 min	Dr Vet Z. BENLASFAR
8:30	Venom properties of Sahara species: anti-venom serotherapy	15 min	Pr B. BOUHAOUALA N. STAMBOULI
8:45	Diagnosis and management of scorpion envenomation	15 min	LTC (MD) M. HAGUI
9:00	Diagnosis and management of ophidian envenomations	15 min	Pr Ch. BEN HAMIDA
9:15	Discussion	10 min	Pr B. BOUHAOUALA
9:25	Break		
10:00	<u>Workshops :</u> St 1 : Presentation of Sahara scorpion species Venom sampling St 2 : Classic and new generation serotherapy (video screening) St 3 : Case study	120 min	Dr Vet Z. BENLASFAR Dr Kh. MILED, A. MOSLAH Pr B. BOUHAOUALA LTC (MD) M. HAGUI Pr Ch. BEN HAMIDA
12:00	Assessment test	05 min	
12:30	Lunch		
Module : Environment : SEN COL (MD) MT. KHOUFI			
Schedules	Titled	Duration	Speaker
13:30	Knowledge pre-assessment test	05 min	
13:35	Introduction and module overview	05 min	SEN COL (MD) MT.
13:40	Presentation of the desert	10 min	KHOUFI
13:50	Saharan Lung	15 min	SEN COL (MD) A. SAKHRI
14:05	The health risks of a Saharan environment	20 min	COL (MD) H. KEFI
14:25	Psychological impact of the Saharan environment on the performance of soldiers	20 min	LTC (MD) H. DJEMAIEL
14:45	Discussion	05 min	
14:50	Assessment test	05 min	
14:55	Break		
Module : Medical support in Saharan environment : COL (MD) Ch. ROMDHANI			
15:05	Introduction and module overview	05 min	
15:10	Planning of medical support for troops deployed in the Saharan environment	20 min	LTC (MD) M. HAGUI
15:30	Conditioning of troops before deployment in the Saharan environment	20 min	SEN COL (MD) MT. KHOUFI N. STAMBOULI
15:45	Health supplies in the Saharan environment	15 min	SEN COL (Ph) M.A. YOUSSEFI

16:05	Management of casualties in Saharan environment	15 min	COL (MD) Ch.ROMDHANI or foreign speaker
16:20	Medical evacuation in the Saharan environment	15 min	COL (MD) I. KANOUN COL (MD) I.DEKHIL
16:45	Discussion		
17:00	Visit to the Palm museum & Dinner under the stars		

Night outing to observe scorpions under UV light

Dr (Vet) Z. BENLASFAR

Wednesday November 06, 2024

(Military dress: BDU uniform)

Module : Water management and safety « RjimMaâtoug » : SEN COL (MD) M. JEBALI

Schedules	Titled	Duration	Speaker
6:45	Departure from the hotel		
9:30	Arrival at "Rjim Maatoug"		
9:40	Knowledge pre-assessment test	05 min	SEN COL (Vét) M. JEBALI
9:45	Introduction and module overview	15 min	
9:50	Operational aspects of water management: Case of the Saharan environment	15 min	SEN COL (Vét) M. JEBALI
10:05	Field water analysis	15min	MAJ (Vet) R. SELMI
10:20	Water management experience in UN operations	15 min	COL (Vet) Ch. BACCARI MAJ (Vét) R. SELMI
10:35	Break		
10:45	<u>Workshops :</u> St1 : Technological aspects of water purification St2 : Practical approach to water disinfection St3 : Operational equipment for water analysis	60 min	SEN COL (Vet) M. JEBALI COL (Vet) Ch. BACCARI MAJ (Vet) R. SELMI
11:45	Assessment test	05 min	
11:50	Presentation and visit of the Oasis « RjimMaâtoug »	60 min	ODRM Officer
13:00	Lunch		
14:30	Departure to DOUZ via AL MOHDATH		
19:00	Simulation of a traffic accident in a Saharan environment: Group work	90 min	COL (MD) Ch. ROMDHANI LTC (MD) M. HAGGUI

Thursday November 07, 2023

(Military dress: BDU uniform)

Module : Survival in the Saharan Environment « Douz » :

LTC (Vet) H. Ben YAHIA, MAJ (Vet) R. SELMI

Schedules	Activity	Duration	Speaker
7:30	Field trip	90 min	COL (Vet) H. BEN YAHIA MAJ (Vet) R. SELMI
8:30	Survival in the Saharan environment (Fauna and flora, Dromedary, food, rules of survival, hygiene rules) Prevention of envenomations		
10:00	Break	30 min	
10:30	Presentation of the Mehari unit Hiking - Mehari	60 min	Mehari Officier
11:30	Assessment test	05 min	
12:30	Lunch		

FTX in « Douz » : COL (MD) Ch. ROMDHANI

Schedules	Activity	Duration	Speaker
13:30	High fidelity simulation : ✓ Exercise heat stroke ✓ « AirEvac » in Sahara	60 min	COL (MD) Ch. ROMDHANI COL (MD) I. KANOUN LTC (MD) M. HAGGUI
14:30	Break		

14:40	✓ Ophidian envenomation	30 min	COL (MD) Ch. ROMDHANI
15:15	Back to Tozeur		
Closing & Graduation Ceremony (Military dress: Class B uniform)			
Schedules	Activity	Duration	Speaker
20:30	Closing dinner		
Friday November 08, 2024			
Schedules	Activity	Duration	Speaker
8:00	Cultural program	120 min	