



2021

وزارة الصحة الفلسطينية
Ministry of Health



Project Proposal


**Strengthening the capabilities of doctors and nurses in
hospitals' emergency departments in advanced
cardiopulmonary resuscitation**

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Project number	2021/080				Date:	08/07/2021	
Project name	Strengthening the capabilities of doctors and nurses in hospitals' emergency departments in advanced cardiopulmonary resuscitation				Applicant for the project	General Directorate of Hospitals	
Project duration in months	6 months			Type of project		Within the plan	
						Urgent	
Project field		Construction		Rehabilitation		Machines & Equipment	Therapeutic Services
		Consumables		Training and Scholarship		Operational Expenses	Others (.....)
Implementing body	Ministry of Health				Project Partners		
Beneficiaries	100 doctors, 150 nurses				Place of implementation		General Directorate for Human Resources Development
Estimated budget (USD)	7,850 \$ (Seven thousand eight hundred fifty dollars)						
Summary of the project (Overview of the project idea and requirements to solve current problem)	<p>The idea of project is to perform ACLS course to raise level of knowledge and practice of doctors and nurses who working in hospitals' emergency departments in dealing with critical cases. Heart disease is the highest cause of death in the Gaza Strip, accounting for 49.6% of the total deaths. The Advanced Cardiac Life Support (ACLS) Course is designed to teach the skills needed to assess and administer care within the first 10 minutes of an adult cardiac arrest. Health care providers learn the skills needed to manage advanced cardiac life support scenarios: respiratory emergency, various types of cardiac arrest (simple VT/VF, complex VT/VF, PEA (Pulseless Electrical Activity) and asystole), pre-arrest emergencies: stable and unstable bradycardia and tachycardia, acute coronary syndromes and stroke. There is weakness in the ability of some staff to deal with critical cases. Also, in Gaza Strip, there is a lack of a standard protocol for dealing with cases of cardiopulmonary arrest. So, we hope this project increase the level of knowledge and practice of health care providers and save more lives.</p>						
Project justifications	<ul style="list-style-type: none"> <input type="checkbox"/> The negative effects on the health of patients resulting from the implementation of some medical procedures that do not comply with international standards. <input type="checkbox"/> The need to develop the capabilities of health service providers in dealing with critical cases. 						

<p>Project objectives</p>	<p>Overall goal:</p> <ul style="list-style-type: none"> Improving the capabilities of health care providers in dealing with critical cases by performing ACLS course. <p>Specific objectives:</p> <p><i>Trainees will be able:</i></p> <ol style="list-style-type: none"> To identify the different causes that may result in a cardiac or respiratory arrest. To perform early management of respiratory arrest. To perform early management of cardiac arrest. To demonstrate effective and safe use of manual defibrillator. To perform early management of cardiac arrest until return of spontaneous circulation, termination of resuscitation or transfer of care including post-cardiac arrest care. To discuss the effect of team dynamic on overall team performance. To demonstrate effective communication as a member or leader of a resuscitation team. To unify protocol for dealing with cardiopulmonary arrest cases. 																																																																			
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<p>Expected indicators after implementing the project</p>	<ul style="list-style-type: none"> ✓ Graduating 250 health care providers with sufficient knowledge to deal with cardiopulmonary arrest cases. ✓ Unifying protocol for dealing with cardiopulmonary arrest cases. ✓ Better performance of trained providers in dealing with cardiopulmonary arrest cases 																																																																			
<p>Schedule of the main project implementation phases</p>	<table border="1"> <thead> <tr> <th rowspan="2">Stage</th> <th colspan="12">Duration (months /years)</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> <th>9</th> <th>10</th> <th>11</th> <th>12</th> </tr> </thead> <tbody> <tr> <td>Preparation</td> <td style="background-color: #c00000;"></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Implementation</td> <td style="background-color: #c00000;"></td> <td style="background-color: #c00000;"></td> <td style="background-color: #c00000;"></td> <td style="background-color: #c00000;"></td> <td style="background-color: #c00000;"></td> <td style="background-color: #c00000;"></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Evaluation and closure</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="background-color: #c00000;"></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Stage	Duration (months /years)												1	2	3	4	5	6	7	8	9	10	11	12	Preparation														Implementation														Evaluation and closure													
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<p>Sustainability of the project</p>	<p> Availability of qualified trainers and trainees.</p>																																																																			

Project monitoring & evaluation	<ul style="list-style-type: none"> ➤ Report of the applicant party on the efficiency of project. ➤ Follow up the periodic and final reports of the project. ➤ Report on the impact of project implementation on relevant indicators before implementation. 			
Annexes	- Agenda of ACLS course.			
Preparation & supervision	Project designer: Mr. Mahmoud Elkhateeb		Director of projects preparation department: Dr. Hamza Abdeljawad	
Contact	Name:	Dr. Abdellatif El-Hajj	Job title:	General Director of International Cooperation and Projects
	E-mail:	icd@moh.gov.ps	Phone with country code:	00970 8 2826325

Agenda of ACLS course

Day 1		
8:30 Welcome Introductions, and Course Administration		
8:45 Lesson 1: ACLS Course Overview and Organization		
8:55 Lesson 2: The Science of Resuscitation		
9:10 Lesson 3: Systematic Approach		
Divide class into 2 groups	Lesson 4 Practice/Testing station: High-Quality BLS	Lesson 4 Practice/Testing station: High-Quality BLS
9:25	Group1	Group2
10:10 Break		
Divide class into 2 groups	Lesson 5 Learning/Testing station: Airway Management	Lesson 5 Learning/Testing station: Airway Management
10:25	Group 2	Group 1
One large group (or 2 small groups) 11:10 lesson 9: Team Dynamics and Mega code		
11:40		
Divide class into 2 groups	Lesson 10 Learning station: Cardiac Arrest	Lesson 10 Learning station: Cardiac Arrest
11:55	Group 1	Group 2
12:25 Lunch		
One large group (or 2 small groups) 1:25 Lesson 6: Technology Review		
Divide class into 2 groups	Lesson 7 Learning station: Acute Coronary Syndromes	Lesson 8 Learning station: Acute Stroke
1:40	Group 1	Group 2
2:10	Group 2	Group 1
02:30		

Day 2		
Divide class into 2 groups	Lesson 13 Learning station: Bradycardia	Lesson 10 Learning station: Tachycardia, Stable and Unstable
08:30	Group 2	Group 1
09:30	Group 1	Group 2
10:30 Break		
Divide class into 2 groups	Lesson 15 Learning station: Immediate Post-Cardiac Arrest Care	Lesson 15 Learning station: Immediate Post-Cardiac Arrest Care
10:45	Group 1	Group 2
Divide class into 2 groups	Lesson 16 Learning station: Mega code Practice	Lesson 16 Learning station: Mega code Practice
11:25	Group 2	Group 1
01:05 Lunch		
Divide class into 2 groups	Mega code Test	Mega code Test
02:05	Group 1	Group 2
03:20 Break		
One large group (as students finish Mega code Test)		
03:35 Exam		
4:20 Class Ends/Remediation		