



2022

وزارة الصحة الفلسطينية
Ministry of Health



Project Proposal

Providing Direct Reusable Cholangioscopy Service in
Ministry of health - Gaza Strip


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Project number	021/2022				Date:	27/03/2022	
Project name	Providing Direct Reusable Cholangioscopy Service in Ministry of Health – Gaza Strip				Applicant for the project	General Directorate of Hospitals	
Project duration in months	4 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	100-200 cases/year				Place of implementation		European Gaza Hospital (EGH)
Estimated budget (USD)	\$100,000 (One hundred thousand dollars)						
Summary of the project (Overview of the project idea and requirements to solve current problem)	<p>The idea of the project is to provide direct reusable cholangioscopy service in the Ministry of Health. Peroral cholangioscopy is a noninvasive endoscopic method used for both direct visual diagnostic evaluation and simultaneous therapeutic intervention of the bile ducts. Peroral cholangioscopy is an effective diagnostic and therapeutic tool. Studies have evaluated the clinical efficacy of peroral cholangioscopy in characterizing benign versus malignant natures of biliary strictures, diagnosing intraductal tumors, better defining unknown biliary pathologies, and treating biliary stones. Peroral cholangioscopy overcomes some of the limitations of endoscopic retrograde cholangiopancreatography (ERCP). While ERCP provides adequate diagnostic x-ray imaging of the bile and pancreatic duct systems as well as the necessary treatment, cholangioscopy enables the endoscopist to directly visualize the bile ducts and obtain better biopsy specimens of suspicious lesions or tumors. Also, cholangioscopy allows for direct fragmentation of bile or pancreatic duct stones using a laser beam or other methods not usually performed during standard ERCP. So, providing reusable cholangioscopy will be of great value, as it will save lots of patients suffering by providing high-quality and new medical service to the locally present service (ERCP).</p>						

<p>Project justifications</p>	<ul style="list-style-type: none"> • The need for a peroral cholangioscopy service that is used for direct visual diagnostic evaluation and simultaneous therapeutic intervention of the bile ducts. • Peroral cholangioscopy provides a valuable and economic solution for diagnostic and therapeutic applications in the biliary tree. • The introduction of a new high-definition cholangioscope may potentially facilitate improved bile duct examination and define its adjunctive role to conventional ERCP within the spectrum of biliary diseases. 																																																																			
<p>Project objectives</p>	<p><u>Overall goal:</u></p> <ul style="list-style-type: none"> ▪ Enhancing gastrointestinal advanced endoscopy services in the Ministry of Health by providing direct reusable cholangioscopy service. <p><u>Specific objectives:</u></p> <ol style="list-style-type: none"> 1. To provide cholangioscopy that is attached to the standard ERCP equipment. 2. To directly visualize the bile ducts and obtain better biopsy specimens of suspicious lesions or tumors. 3. To allow for direct fragmentation of bile or pancreatic duct stones using a laser beam or other methods not usually performed during standard ERCP. 4. To reduce the suffering of the patients who need such medical service by making it available locally. 5. To improve health care provided for patients with GI disorders. 																																																																			
<p>Current indicators</p>	<ul style="list-style-type: none"> ▪ Unavailability of peroral cholangioscopy service in Gaza Strip. ▪ The sufferance of referred patients outside the Gaza Strip to receive this service. ▪ The difficulty that faces doctors in diagnosing and treating some cases using ECRP only. 																																																																			
<p>Expected indicators after implementing the project</p>	<ul style="list-style-type: none"> ✓ Availability of peroral cholangioscopy service in Gaza Strip. ✓ Reducing the number of patients referred abroad. ✓ Raising the level of gastrointestinal advanced endoscopy services in the Gaza Strip. 																																																																			
<p>Schedule of the main project implementation phases</p>	<table border="1"> <thead> <tr> <th rowspan="2">Stage</th> <th colspan="12">Duration (months)</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: #0070C0;"></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></td> <td style="background-color: #0070C0;"></td> <td style="background-color: #0070C0;"></td> <td style="background-color: #0070C0;"></td> <td></td> <td></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 style="background-color: #0070C0;"></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Stage	Duration (months)												1	2	3	4	5	6	7	8	9	10	11	12	Preparation														Implementation														Evaluation and closure													
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Budget breakdown	#	Item	Qty.	Unit cost (\$)	Total cost (\$)
	1.	Direct reusable cholangioscopy	1	100,000	100,000
	Total cost in numbers (\$)		100,000		
	Total cost in words (\$)		One hundred thousand dollars		
Sustainability of the project	 Periodic maintenance to device and provision of necessary spare parts to continue their use and benefit through the MoH.				
Project monitoring & evaluation	<ul style="list-style-type: none"> ➤ Reports of price offer and bidding according to the specifications of the required device. ➤ Reports of receive and handover of the device and their conformity with the required specifications. ➤ Follow up the periodic and final reports of the project. ➤ Report on the impact of project implementation on relevant indicators before implementation. 				
Annexes	- Technical specifications will be provided later.				
Preparation & supervision	Project designer: Mr. Mahmoud Elkhateeb & Mr. Ahmed Alsufi		Director of projects preparation department: Dr. Hamza Abdeljawad		
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