



2021

وزارة الصحة الفلسطينية  
Ministry of Health



## Project Proposal

Promotion of palliative care services for oncology patients in the Turkish Friendship Hospital

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<b>Project number</b>	2021/106				<b>Date:</b>	19/2021	
<b>Project name</b>	Promotion of palliative care services for oncology patients in the Turkish Friendship Hospital.				<b>Applicant for the project</b>		
<b>Project duration in months</b>	12 months			<b>Type of project</b>		Within the plan	
						Urgent	
<b>Project field</b>		Construction		Rehabilitation		Machines & Equipment	Therapeutic Services
		Consumables		Training and Scholarship		Operational Expenses	Others (...)
<b>Implementing body</b>	Ministry of Health				<b>Project Partners</b>		
<b>Beneficiaries</b>	<ul style="list-style-type: none"> <li>• Adult oncology patients.</li> <li>• Pediatric oncology patients.</li> </ul>				<b>Place of implementation</b>		<b>Turkish Friendship Hospital.</b>
<b>Estimated budget (USD)</b>	104,000 USD						
<b>Summary of the project (Overview of the project idea and requirements to solve the current problem)</b>	<p>Palliative care is an essential part of treating serious or life-threatening diseases in particular. It helps alleviate the suffering of patients, especially cancer patients, and aims to provide the best possible quality of life at all stages of treatment. Palliative care includes treatment of pain, fatigue, nausea, loss of appetite, and symptoms related to illness or treatment. Palliative care helps improve the health status of patients as a result of providing them with the appropriate treatment. Therefore, the project aims to promote palliative care services for oncology patients in the Turkish Friendship Hospital by providing the hospital with the necessary medical equipment (PCA Ambulatory Infusion Pump) which controls the amount and flow of analgesic solution given to the patient intravenously. In addition to providing the hospital drugs for patients, which would alleviate the patients' suffering from pain and complications. The estimated cost of the project is one hundred four thousand US dollars.</p>						
<b>Project justifications</b>	<ol style="list-style-type: none"> <li>1. Drugs and equipment are essential in providing palliative care services.</li> <li>2. Oncology patients need drugs to relieve their pain and symptoms.</li> <li>3. Oncology patients need equipment that controls the amount and flow of solution given to the patient intravenously.</li> <li>4. Oncology patients need to promote their psychological status.</li> </ol>						
<b>Project objectives</b>	<p><b>General goal:</b></p> <ul style="list-style-type: none"> <li>➤ Promotion of palliative care services for oncology patients in the Turkish Friendship Hospital through providing the drugs and equipment needed for patients.</li> </ul> <p><b>Specific objectives:</b></p> <ul style="list-style-type: none"> <li>• Alleviation of symptoms that may occur to patients by providing the best quality of life at all stages of treatment.</li> <li>• Promoting the psychological side of oncology patients and their families.</li> <li>• Ensuring the continuity of palliative care services in the hospital.</li> </ul>						

	<ul style="list-style-type: none"> <li>Improving the quality of life of patients and their families.</li> </ul>																																																																								
<b>Current indicators</b>	<ul style="list-style-type: none"> <li>This service is not yet available in hospitals of MoH.</li> </ul>																																																																								
<b>Expected indicators after implementing the project</b>	<ol style="list-style-type: none"> <li>The medical staff gained high knowledge and experience in palliative care.</li> <li>Improved quality of life for cancer patients and their families</li> <li>Improved patient's ability to tolerate medical treatments.</li> <li>Cancer patients' satisfaction improved as a result of palliative care services being provided to them.</li> </ol>																																																																								
<b>Schedule of the main project implementation phases</b>	<table border="1"> <thead> <tr> <th rowspan="2">Stage</th> <th colspan="12">Duration in 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></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></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>Evaluation and closure</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> <td></td> </tr> </tbody> </table>						Stage	Duration in months												1	2	3	4	5	6	7	8	9	10	11	12	Preparation														Implementation														Evaluation and closure													
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<b>Budget breakdown</b>	<table border="1"> <thead> <tr> <th>#</th> <th>Item</th> <th>Qty.</th> <th>Unit cost</th> <th>Total cost</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td rowspan="2">1</td> <td rowspan="2"> <b>Equipment:</b> <ul style="list-style-type: none"> <li>PCA Ambulatory Infusion Pump.</li> <li>Disposable IV infusion PCA Pump.</li> </ul> </td> <td>10 Pieces</td> <td>1000</td> <td>10,000</td> <td></td> </tr> <tr> <td>500 Pieces</td> <td>20</td> <td>10,000</td> <td></td> </tr> <tr> <td>2</td> <td><b>drugs</b></td> <td></td> <td>7000 for one month</td> <td>84,000 for one year</td> <td></td> </tr> <tr> <td colspan="2"></td> <td colspan="3" style="text-align: center;"><b>104,000 USD</b></td> <td></td> </tr> <tr> <td colspan="2"></td> <td colspan="3"><b>one hundred four thousand US dollars.</b></td> <td></td> </tr> </tbody> </table>						#	Item	Qty.	Unit cost	Total cost	Percentage	1	<b>Equipment:</b> <ul style="list-style-type: none"> <li>PCA Ambulatory Infusion Pump.</li> <li>Disposable IV infusion PCA Pump.</li> </ul>	10 Pieces	1000	10,000		500 Pieces	20	10,000		2	<b>drugs</b>		7000 for one month	84,000 for one year				<b>104,000 USD</b>						<b>one hundred four thousand US dollars.</b>																																				
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<b>Sustainability of the project</b>	<ul style="list-style-type: none"> <li>The Ministry of Health provides trained medical staff to provide palliative care services in the Turkish Friendship Hospital.</li> <li>The Ministry of Health provides qualified technical staff to carry out the periodic maintenance of medical equipment.</li> </ul>																																																																								
<b>Project monitoring &amp; evaluation</b>	<ul style="list-style-type: none"> <li>Reports on the price offer and the bidding according to the schedules, quantities and specifications required of drugs and equipment.</li> <li>Reports of receive drugs and equipment its conformity with the required specifications.</li> </ul>																																																																								
<b>Annexes</b>	List of Acute & chronic pain - Essential drugs and equipment.																																																																								
<b>Preparation &amp; supervision</b>	<b>Project designer:</b> Dr. Taghreed Elghouti			<b>Director of projects preparation department:</b> Dr. Hamza Abdeljawad																																																																					
<b>Contact</b>	<b>Name:</b>	Dr. Abdellatif El-Hajj		<b>Job title:</b>	General Director of International Cooperation and Projects																																																																				
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## Acute pain - Essential drug list

Drug	Dosage	Administration
Paracetamol	1000mg, 10 mg/ml (100ml)	PO, IV
Ibuprofen	600/800mg	PO
Diclofenac sodium	50mg/75mg	PO/IM, IV
Celecoxib	100, 200mg	PO
Morphine (MST, SR)	5mg, 10mg, 15mg, 30mg SR	PO, IV, IM, Intrathecal, Epidural
Morphine oral solution	2mg/ml, 20mg/ml	PO
Fentanyl	50mic/ml (10 ml)	IV, IM, Intrathecal, Epidural
	12.5, 25, 50, 75, 100microg/h	Skin Patch
Tramadol	50mg	PO, IM, IV
	100mg	PO
Codeine Phosphate	15, 30mg	PO
Lidocaine 1%	10mg/ml	IV, Intrathecal, Epidural
Lidocaine 2%	20mg/ml	Regional Blocks
Bupivacaine 0.5%	5mg/ml	Intrathecal, Epidural, Regional
Blocks		
Dexamethasone	4mg/ml	IV, IM, Regional Blocks
Triamcinolone	40mg/ml	Epidural
Methylprednisolone	40mg/ml	Epidural
Ketamine Hcl	50mg/ml (10ml)	IV, IM
Ketamine preservative free	50mg/ml	Intrathecal
Buprenorphine	5, 10, 15, 20, 30microg/h	Skin Patch
Parecoxib	40mg	IM, IV
Ketorolac	30 mg/ml	IV
Clonidine	25 microg	Oral
Clonidine	100 microg/ml	IV

## Chronic pain - Essential drug list

Drug	Dosage	Administration
Amitriptyline	10/25mg	PO
Nortriptyline	25mg	PO
Duloxetine	30, 60mg	PO
Venlafaxine	37.5, 75, 150mg	PO
Lidocaine	700mg	Patch
Prednisolone	5, 20 mg	PO
Paracetamol	1000mg	PO
Ibuprofen	600/800mg	PO
Gabapentin	300, 600, 800mg	PO
Pregabalin	25, 75, 150, 300mg	PO
Celecoxib	100, 200 mg	PO
Diclofenac sodium	50mg	PO
Qutenza/capsaicin	179mg	Patch

- Average price 7000 USD per month

## **A. Equipment's**

### **1. PCA Ambulatory Infusion Pump**

- **Average price between (750 – 1000 USD) / Piece**
- 10 Pieces required **(10,000 USD)**

### **2. Disposable IV infusion PCA Pump**

- **Average price between (5 – 20 USD) / Piece**
- 500 Pieces required **(10,000 USD)**