



Project data	Project Name: Adoption of early cancer detection lab project (Pathology)
Goals	<p>Promote lab quality culture:</p> <p>Laboratory seeks to adopt an international record as a laboratory serving both civil society and scientific research in order.</p> <ul style="list-style-type: none">- Reduce the error rate in the laboratory- High accuracy in the results of the examination and assessment.- The speed of accurate diagnosis of the tumors, which preserves the lives of many patients- Doing a greater number of research in less time, which encourages a number of researchers in applying their researches in this lab.- Raising the laboratory capacity of the lab- Development of infrastructure by increasing the current area. the lab space should be appropriate so as not to



hinder the efficiency of workload and performance measures of quality control and safety of individuals working in the lab resulting in reducing the risk of occupational diseases & protecting patients, staff and visitors from recognized hazards. In the case of sampling swabs from the cervix or doing fine needle aspiration, we should provide a suitable private place for the patient to be comfortable and thus raising the reputation of the place which attract patients to do these tests and thus contribute to the early detection of tumors, which lead to increase the proportion of healing from cancer and thereby raising human quality, participating in national development, alleviating the burden on the state budget and raising production efficiency.

2 - update the existing equipment and purchase new equipment for the work of all tests: the lab must be equipped with a laboratory apparatus and equipments for the crisis to provide the best level of service and this includes equipments and tools required to compile, prepare, pass, examine and store the samples. These devices are chosen so as to save energy and to be environmentally friendly. Certain individual should be responsible for a specific device to run it fluently and work on it & this should be done after taking the training courses and workshops that allow him to work on the machine, ensuring the best results. the equipments, systems and analytical reagents should be maintained from tampering or modifications that may invalidate the results of the examination.

3 - Quality assurance of the screening procedure:

in order to reduce errors in the process of sample preparation and examination and how to write reports, and results so



	<p>that the format of the report agreed and didn't have any mistakes & this can be achieved through participation in an appropriate programs of comparisons between laboratories</p> <p>and holding seminars & training courses for the working team of the project and technicians to ensure the quality of performance and reduce mistakes and therefore provide the best service to the patient at a reasonable price.</p> <p>4-The announcement of the laboratory activities in Qaliubiya governorate and some neighboring provinces to attract the public through forming a website that shows the services offered , their prices ,the quality of service offered in the governmental departments and public gathering places & provide data on the working team & the ways of working at the place. The announcement can also be done through publications and posters.</p>
Returns	<p>Economic and commercial gains:</p> <ul style="list-style-type: none">-Expanding in the diagnosis of tumors by using modern techniques with the provision of such services to the public at prices low enough to cover the costs of tests and provide a profit margin for the lab which provides a continuous profit to maintain its activity and follow-up maintenance of equipment after the end of the project.- Gains of training: the expansion of training a broad base of faculty members and their assistants to expand the culture of the lab quality as well as training on existing equipment and new devices until they reach a high degree of



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efficiency
– making workshops for employees.
- community Gains
–Strengthening and activating the relationship between the lab and the community.

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