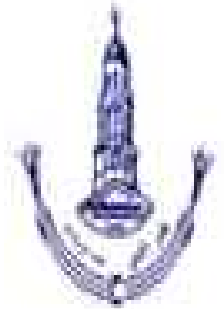




ANNUAL PROGRESS REPORT
Clinical & Chemical Pathology
Department



Reporting period: January 2009– December 2009

Chair of the Department: Prof. Dr. Ahmed El-Saifi

Prepared by: Dr. Nelly Abulata

Lecturer of Clinical Pathology

EXECUTIVE MESSAGE

During 2009, the Department entered the era of transformation from traditional concepts to new innovative ones that boost creativity, accelerate agility and improve performance. Key changes included; the modification in the Organizational structure and building effective teams both aiming for a more qualitative workplace. This year we achieved an **overall annual productivity** of 4,760,035 tests which could not have been reached without our dedicated manpower (900 employees). All through 2009, we continued a steady expansion in our three major missions; Laboratory Services, Teaching & Training and Research Activities.

In the **Laboratory service arena**, we continued to push ahead with the implementation of our new Laboratory Information Technology System & Quality Assurance System at Al- Manial Clinical Pathology Laboratory that have replaced our vulnerable home grown systems. Both projects represent a quantum leap forward & will consecutively be adopted by our other 7 Labs. Enhanced clinical services included the addition of 40 new tests some of which were reintroduced using novel techniques and we are working on further enhancement particularly in Molecular Diagnostics. The construction of the new Laboratory at the New Maternity Hospital is one of our top priorities and we anticipate moving into the facility by mid 2010.

Teaching activities also remained very strong & the Department's pre- master & pre-doctorate training programs has been modified. We are once again proud of the accomplishments of our Residents and Fellows, almost 55% of the MSc students and 53% MD students passed in their exams.

In the **Research arena**, a plan for the Research activities of the Department over the coming 2-5 yrs has been prepared which involves all 4 specialties of the Department(Hematology, Immunology, Microbiology and Chemistry). Key research subjects include: HCV, Stem Cell Research, Neurodegenerative diseases, Infection prevention and control, Molecular basis of Hematological disorders & Juvenile Diabetes Mellitus. As for our international publications, over 10 articles were published by our faculty, several in the high impact journals, the highest had an impact factor of 6.291 in the Journal of Thrombosis and Haemostasis.

In addition, the Department will be launching its 1st Annual Scientific Conference "**CLINCHEM 2010**" with the theme Molecular Biology into the Future. The Conference will be held from the 31st of March to the 2nd of April at Cairo International Conference Center which will be featuring experts in the field of Molecular Biology from the U.S.A., U.K., and Italy. And in the pursuit of reinforcing a commitment to continuous validation & improvement, the Conference will be accredited by the European Accreditation Council for Continuing Medical Education and we plan to make it a yearly event.

In summary, the Department is at an early stage of its planned incremental growth and we look forward to further progress. We hope that in collaboration with our colleagues in the Faculty and Hospital we can upgrade our research, teaching and clinical enterprise in a fashion that melds with the programmatic directions of the University as a whole.

Prof. Ahmed El-Saifi



Chair, Clinical and Chemical Pathology

Department

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1. MISSION, VISION AND OBJECTIVES

Mission

“Is to provide excellence in Laboratory services, Teaching, Training, and Research activities”.

Vision

“Is to be recognized as an Academic Department of excellence to support and enhance the mission and vision of Kasr Al-Ainy Faculty of Medicine, Cairo University”.

Objectives

1. To provide excellent Laboratory Medicine Services for the patients of Kasr Al-Ainy Hospital in a timely & professional manner.
2. To provide an atmosphere of respect for our staff while encouraging continued personal growth, education and development.
3. To provide excellent teaching to a broad spectrum of Health care professionals, Health care workers and Laboratory personnel in conjunction with the University.
4. To provide the physical facilities and atmosphere where Research activities can flourish, in collaboration with Kasr Al-Ainy Faculty of Medicine and other affiliated institutions.
5. To promote health, treatment and prevention of disease in the diverse population which we serve.

2. ROLE OF THE DEPARTMENT

The Department plays 3 main roles:

2.1 Laboratory services:

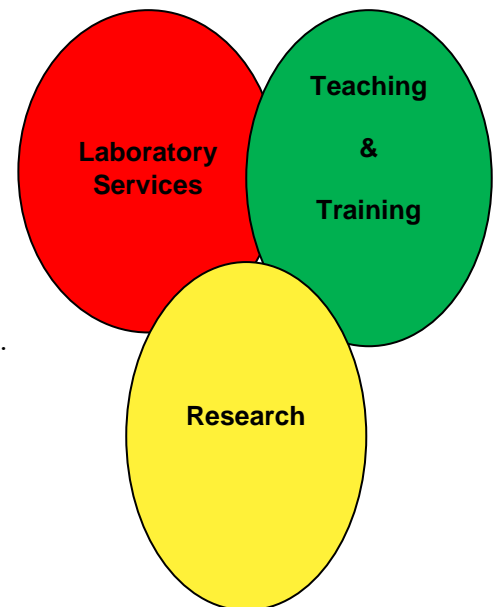
The Department offers Clinical and Chemical Laboratory services designed to meet the needs of physicians, & patients . The Department has 2 Main Labs at Al-Manial Hospital, a Lab. in each of the following Hospitals; the Specialized Hospital (4th Floor), the Internal Medicine Hospital, the Pediatric Japanese Hospital , the Pediatric Abou Elrish Hospital, King Fahd Hospital, the French Hospital in addition to Emergency Labs that offer the Lab services during the evening and night shifts. The Department is also responsible for the Technical supervision of the Blood Bank.

2.2 Teaching & Training :

The Department is committed to providing strong and balanced Teaching and Training programs mainly to Postgraduate students, principally in the Master and Doctorate degrees in Clinical and Chemical Pathology tailored to each students subspecialty (Hematology, Immunology, Microbiology or Chemical Pathology) . The Department is also partly involved in the Teaching & Training of postgraduate students of other Departments enrolled in Master, Diplomas & Doctorate degrees in addition it provides instructional courses to the 6th year students.

2.3 Research activities :

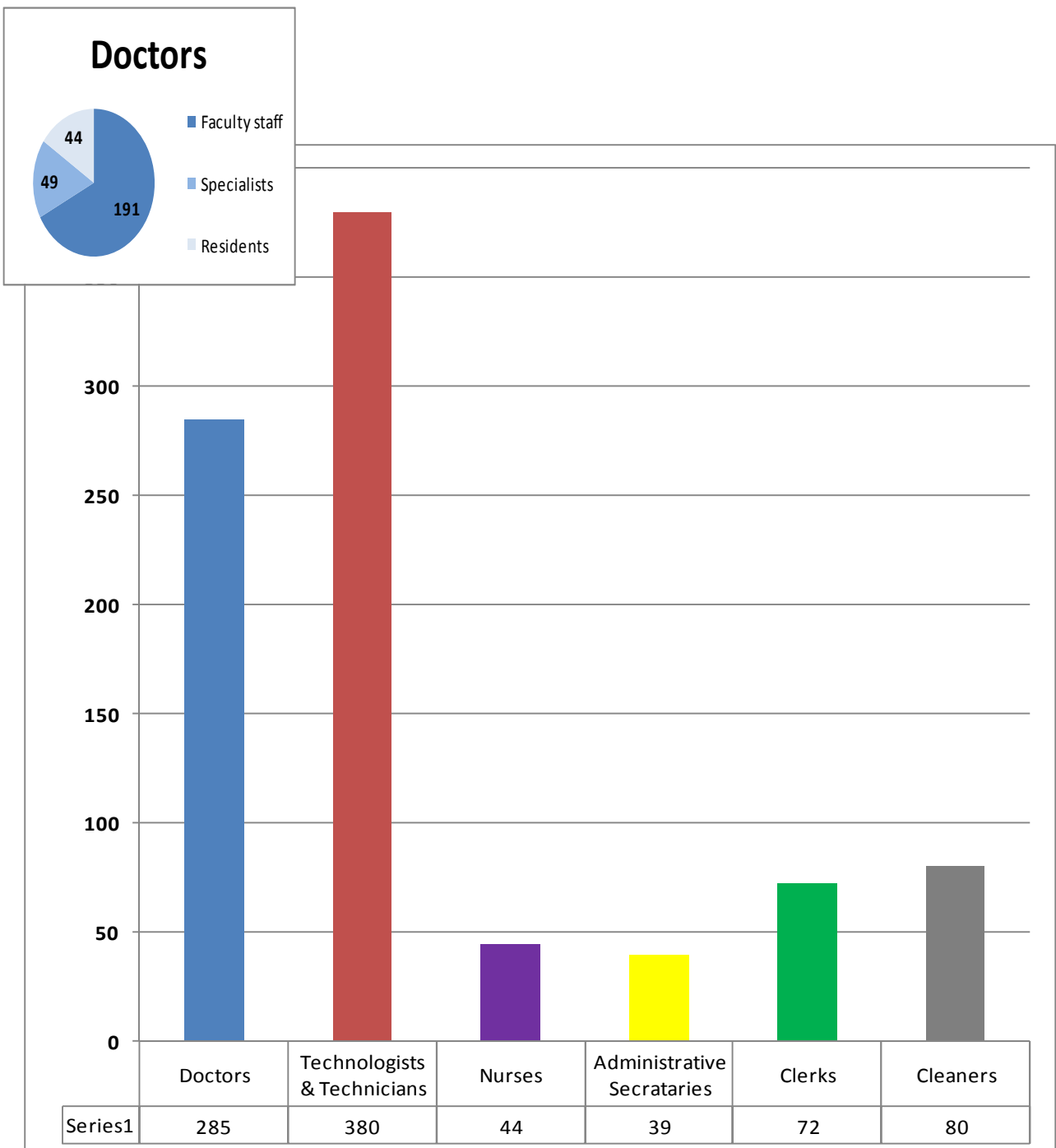
The Research Faculty members within the Department are nationally recognized . The Research ranges from clinical to basic Research, with an emphasis on Hematologic Malignancies, Virology & Molecular Genetics .



3. HUMAN RESOURCES

The Department has a total manpower of around 900 employees. Which comprises:

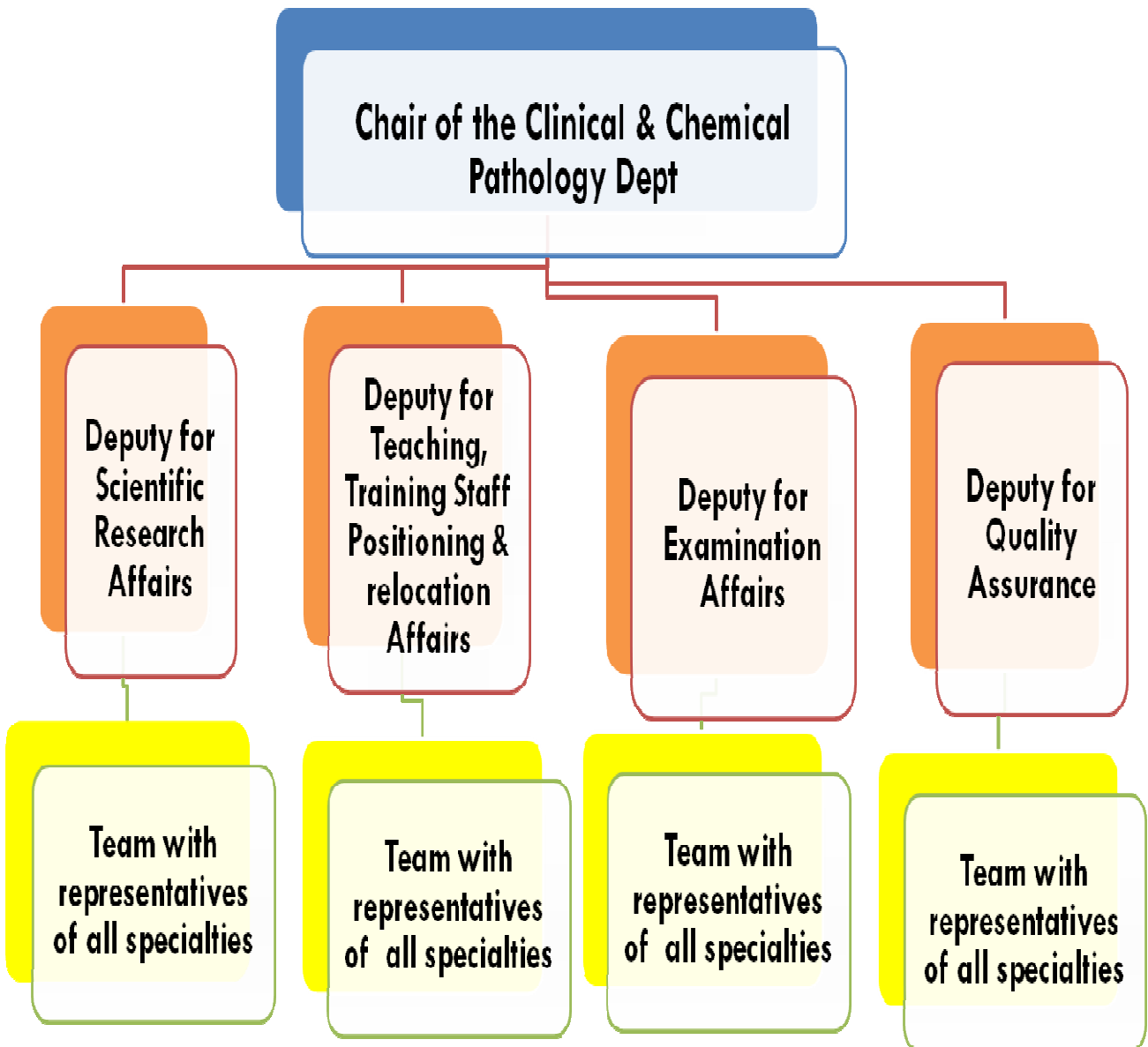
- 285 Doctors ; 191 Faculty members (30 Emeritus Professors, 49 Professors, 36 Assistant Professors, 34 Lecturers, 28 Assistant Lecturers, 14 Demonstrators) 49 Specialists & 44 Residents
- 380 Technologists & Technicians
- 44 Nurses
- 39 Administrative Secretaries,
- 72 Clerks
- 80 Cleaners



4. ORGANOGRAM

The Organizational structure has been modified and effective teams have been built aiming to introduce the “we” culture and a more qualitative workplace.

4.1 Deputies:



1. A Deputy for Scientific Research Development Affairs: (Prof. Dr. Ali Shams EIDin)

Who is in charge of the overall management for planning and coordinating multiple research teams and development activities and processes at a research and development unit/group level that will eventually lead to the international recognition of our Department that will in turn participate in the International recognition of the of Kasr Al-Ainy Faculty of Medicine. This Deputy together with a team of representatives of each specialty is responsible for the validation of all the MSc & MD protocols before they are officially registered.

2. A Deputy for Teaching, Training & staff relocation: (Prof. Dr. Azza Mostafa)

Who is in charge of managing the teaching & training package that encompasses both these elements in order to maintain a motivated and skilled workforce and to fulfill the needs of the organization. This Deputy is also in charge of the relocation of staff to & from labs according to the need.

3. A Deputy for Examination Affairs: (Prof. Dr. Safaa Al-Karakasy)

Who is in charge of managing and liaising with the heads of the units all the matters related to the examinations including schedules, exam development & examination boards formation.

4. A Deputy for Quality Assurance: Affairs (Dr. Ola Khashaba)

Who is responsible for developing, implementing, managing and coordinating with the lab Directors all functions of the Quality Assurance and Quality Management efforts. This includes pre-analytical, analytical and post-analytical aspects of testing as well as supporting the Labs. Currently a pilot study is being carried out at Al-Manial Lab which chiefly concentrates on the analytical aspects of testing.

4.2 Advisory Group

The Advisors are composed and structured in order to provide non-binding but informative guidance to the Chair that serves as an ally during discussions when needed. The advisory group includes:

- Prof. Dr. Omnia Yousef : Emeritus Prof. Of Chemical Pathology
- Prof. Dr. Souhair Helal : Emeritus Prof. Of Clinical Pathology: subspecialty Microbiology
- Prof. Dr. Naguib Zohair : Prof. of Clinical Pathology: subspecialty Hematology

4.3 Seniors of each Division

The Department has 4 specialties and accordingly 4 seniors:

- Prof. Dr. Azza Mostafa: Senior Hematologist
- Prof. Dr. Safaa Al-Karakasy: Senior Immunologist
- Prof. Dr. Amani El-Kholy: Senior Microbiologist
- Prof. Dr. Fatma El-Mougy: Senior Chemical Pathologist

4.4 Executive team

Is composed of the Laboratory Directors (Administrative affairs) ,the Heads of Labs & Heads of Units (Technical Affairs) that direct, supervise and coordinate the functions and activities of the Hospital laboratories.

Organogram (2009-2010)

Main Lab at Manial Hospital

Laboratory	Head of Lab. (Technical)	Lab Director (Administrative)	Head of Hematology Unit	Head of Immunology Unit	Head of Genetics unit	Head of the Molecular Unit	Head of Microbiology Unit
Manial Clinical Pathology Lab.	Prof. Safa Al-Karakasy	Prof. Dr. Mona Salah	Prof. Dr. Naguib Zoheir	Prof. Dr. Safaa Al-Karakasy	Prof. Dr. Hala Farawella	Prof. Dr. Mona Salah	Ass. Prof. Dr. Nada Nawar

Laboratory	Head of Lab. (Technical)	Lab Director (Administrative)	Head of Trace Elements Unit	Head of Chemistry Routine Unit	Head of Proteins Unit	Head of Hormones Unit
Manial Chemical Pathology Lab.	Prof. Dr. Fatma El-Mougy	Prof. Dr. Badawy Al-Khouly	Prof. Dr. Badawy Al-Khouly	Prof. Dr. Lamia Mansour	Prof. Dr. Sahar Abdel-Atty	Prof. Dr. Azza ElKhawaga

Other Hospital based labs

Organogram (2009-2010)

Laboratory	Head of Lab. (Technical)	Lab Director (Administrative)	Head of Hematology	Head of Immunology	Head of Microbiology	Head of Chemical Pathology
Internal Medicine Hospital Lab.	Prof. Dr. Laila Hegazy	Dr. Magda Negm	Prof. Dr. Laila Hegazy			Prof. Dr. Nahla Fawzy
Japanese Hospital Lab.	Prof. Dr. Azza Mostafa	Assist. Prof. Dr. Doha Abdelhamid	Prof. Dr. Azza Mostafa	TBD	Assist. Prof. Dr. Mona Mohie El-Din	Prof. Dr. Ola El-sisy
Abou-Elrish Mounira Hospital Lab.	Prof. Dr. Azza Aboul-ELAnian	Prof. Dr. Hala Gabr	Prof. Dr. Hala Gabr		Prof. Dr. Maha Gaafar	Prof. Dr. Heba Sharaf EL- Din
Maternity Hospital Lab.	Prof. Dr. Fatma El-Mougy	Assist. Prof. Dr. Iman Mandour	Prof. Dr. Naguib Zoheir	TBD		Assist. Prof. Dr. Iman Mandour
Specialized Hospital Lab. (4 th floor)	Prof. Dr. Hoda Sadek	Dr. Sheriene Abdel-Kader	Prof. Dr. Azza Mostafa	Prof. Dr. Tagreed Gaafar	Prof. Dr. Walaa Gad	Prof. Dr. Azza El-Khawaga
Psychiatric Hospital Lab.	TBD	TBD	TBD	TBD	TBD	TBD
French Hospital Lab.	Prof. Dr. Tayseer Eyada	Dr. Hanan Ibrahim	Prof. Dr. Tayseer Eyada	Prof. Dr. Sheriene Mahmoud	Prof. Dr. Amani El Kholy	Prof. Dr. Nadida Gohar
King Fahd Hospital Lab.	Prof. Dr. Hala Sheebah	TBD	Prof. Dr. Hala Sheebah			
Blood Bank	Prof. Dr. Mervat Al- Ansary	Dr. Abeer Reehan				

 Function and need TBD (to be determined)

4.5 Executive Committees

4.5.1 Executive Committee for Laboratory Affairs:

As things evolved over time, we found that it was necessary to form an Executive Committee, which has been meeting every month for the past couple of months usually one week prior to the Board meeting of the Department. At those meetings, the Executive Committee reviews the major issues facing the Department, weighing pros and cons and making preliminary decisions, to be ratified by the Board as a whole at the actual Board meeting of the Department. The Committee is comprised of :

1. The Chair of the Department:: Prof. Ahmed El-Saifi
2. The Head of the Laboratories
 - Prof. Azza Mostafa
 - Prof. Safaa Al-Karaksy
 - Prof. Mervat Al-Ansary
 - Prof. Tayssir Eyada
 - Prof. Fatma El-Mougy
 - Prof. Hoda Sadek
 - Prof. Laila Hegazy
 - Prof. Azza Abou El-Enain
 - Prof. Hala Sheebah
3. The Laboratory Directors
 - Prof. Badawy Al-Kholy
 - Prof. Hala Gabr
 - Prof. Mona Salah
 - Ass. Prof. Doha Abdel-Hamid
 - Dr. Magda Negm
 - Dr. Abeer Reehan
 - Dr. Sherine Abdel-Kadr
4. Other members:
 - Prof. Sherief Naseh Amin (Deputy Head of the General Hospitals)
 - Prof. Ahmed Shams ElDin (Deputy Head of the French Hospital)
 - Prof. Amani Al-Kholy (Most Senior Microbiologist)
 - Prof. Omnia Youssef (Advisory Group member)
 - Prof. Souhair Helal (Advisory Group member)

4.5.2 Executive Committee for Blood Bank Affairs:

Since the Department is responsible for the Technical supervision of the Blood Bank an Executive Committee for the Blood Bank has also been formed which will review and discuss any issues facing the Blood Bank. The Committee will start meeting on monthly basis starting from next month, typically one week prior to the Hospital Board meeting. The Committee is comprised of :

1. The Chair of the Department (Prof. Ahmed El-Saifi)
2. The Head of the Blood bank (Prof. Mervat Al-Ansary)
3. The Blood Bank Director (Dr. Abeer Reehan)
4. The Deputy Head of the General Hospitals (Prof. Sherief Naseh Amin)
5. Other members (to be determined).

5. LABORATORY SERVICES WE PROVIDE

5.1 Background information:

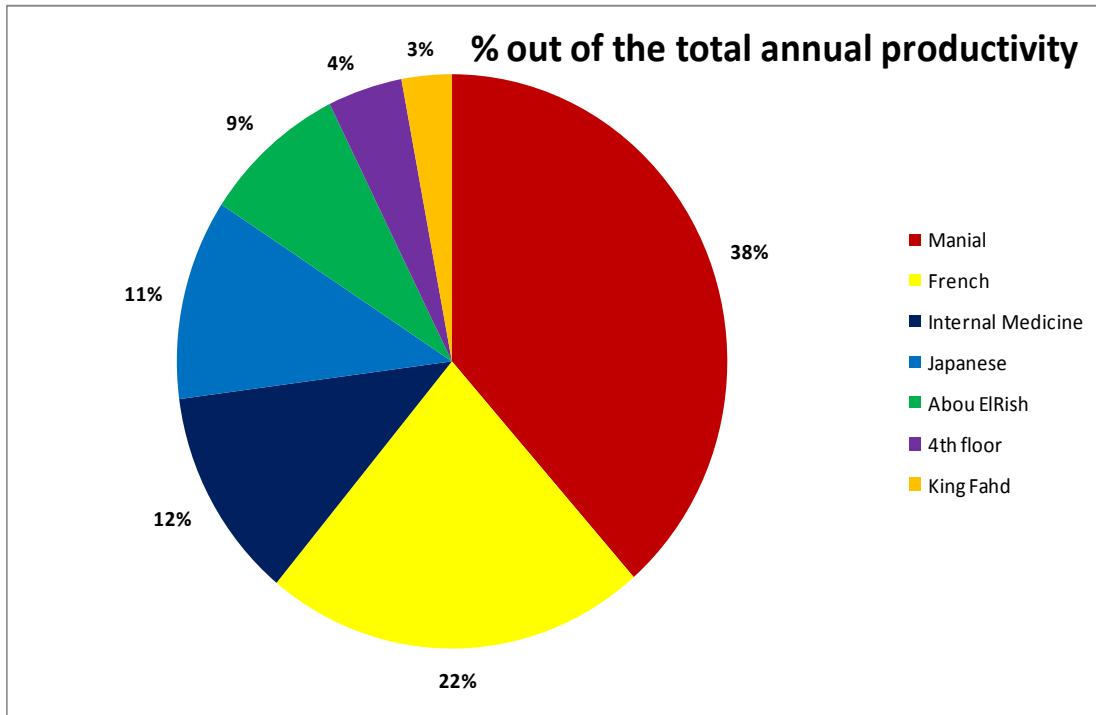
Our Laboratories provide an extensive menu of routine & specialized laboratory tests to the patients who seek care at Kasr Al-Ainy Hospitals.

Lab Divisions

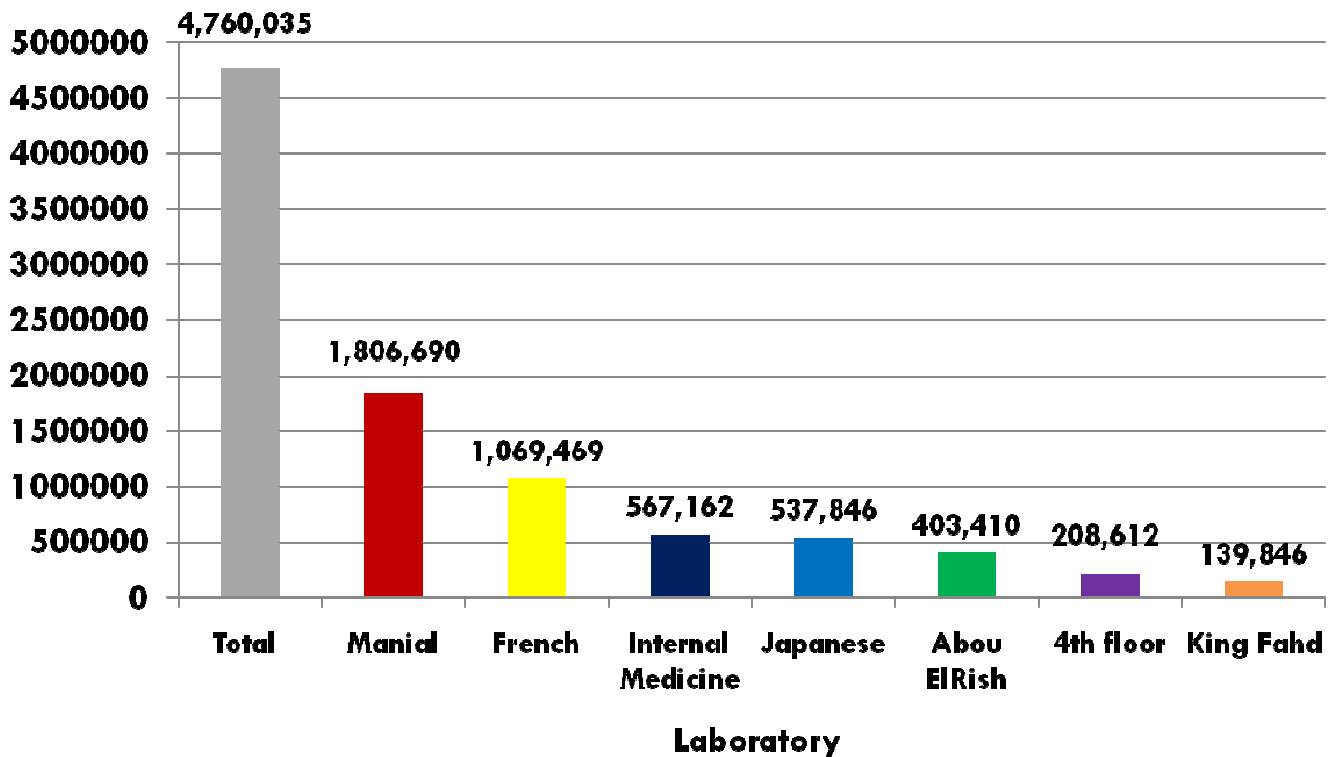
- Hematology Laboratory
- Clinical Immunology & Molecular Diagnostics
- Clinical Microbiology
- Clinical Chemistry

5.2 Annual Productivity:

Hospital Lab	Relevant Hospital Info			Total Annual Lab Productivity	Average per month	Maximum	Minimum	% out of the total annual Productivity of all labs
	Inpatient beds	Average Outpatients clinic cases per month	Average ER cases per month					
Manial Labs	2,018	40,980	15,067	1,806,690	150,557	166,856	121,287	38%
Japanese Lab	421	8700	4,876	537,846	44,820	51,020	40,705	11%
Abou El-Rish Lab	307	23,477	8,539	403,410	33,618	37,138	31,067	9%
Internal Medicine Lab.	357	2175	1,268	567,162	47,264	95,114	26,296	12%
4th floor Lab	277	No Clinic	180	208,612	17,384	21,480	13,738	4%
King Fahd Lab	111	514	No ER	139,846	11,653	13,751	10,469	3%
French Lab	1,200	Not available	Not available	1,069,469	89,122	107,469	61,163	22%



Annual productivity



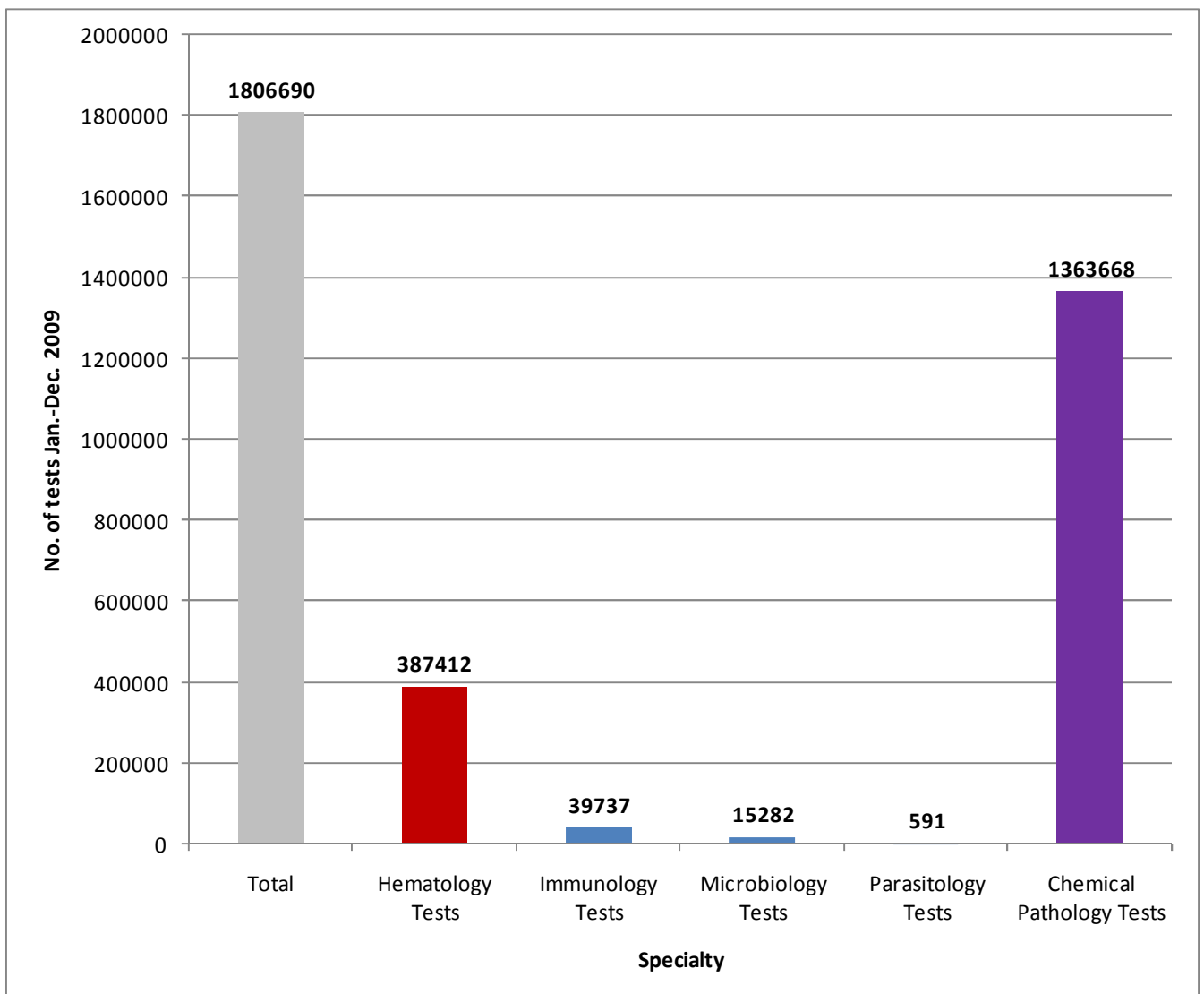
5.3 Productivity per Lab

5.3.1. Al-Manial Clinical & Chemical Pathology Labs:

We have 2 labs at Al-Manial Hospitals one on the ground floor (Clinical Pathology) and one on the 2nd floor (Chemical Pathology) with a total no. of employees of 313.

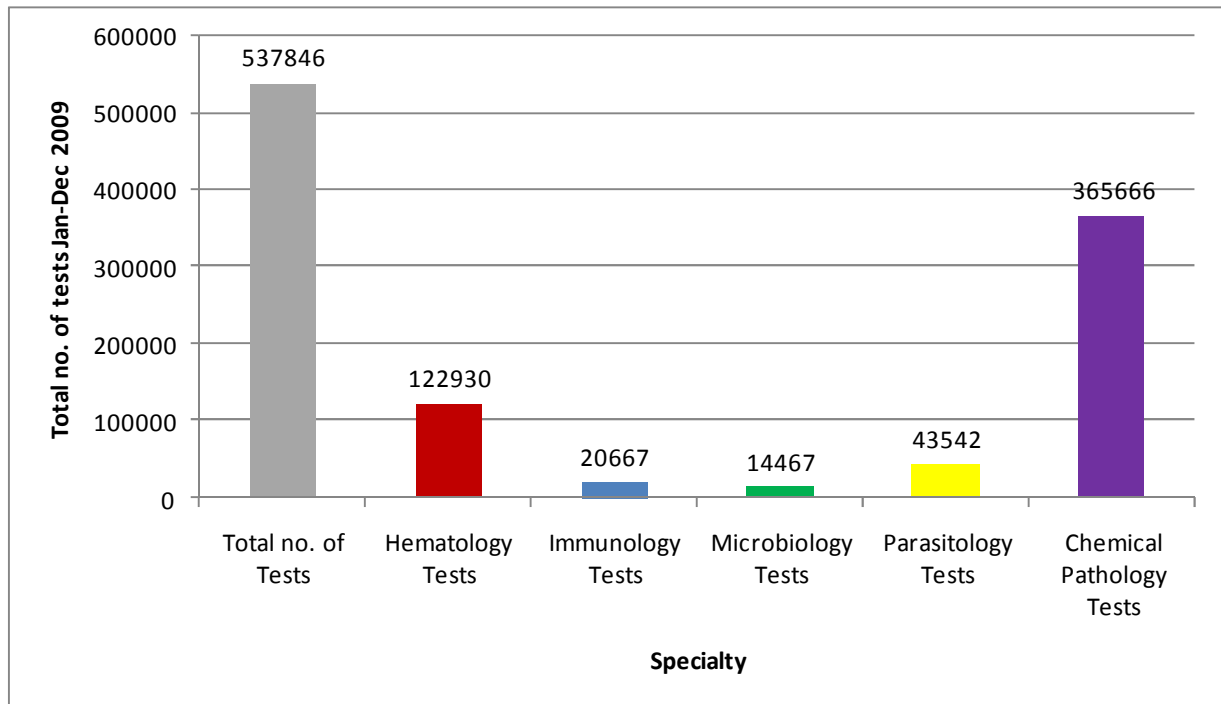
The Clinical Pathology Laboratory employs 179 people; 49 Faculty Staff (17 Emeritus Professors, 9 Professor, 7 Assistant Professors, 11 Lecturers, 1 Assistant Lecturer & 4 Demonstrators), 6 Specialists, 5 Residents, 9 Technologists, 72 Technicians, 4 Nurses, 3 Administrative Secretaries, 22 Clerks & 15 Cleaners.

The Chemical Pathology Laboratory employs 134 people; 36 Faculty Staff (8 Emeritus Professors, 5 Professor, 6 Assistant Professors, 5 Lecturers, 5 Assistant Lecturer & 7 Demonstrators), 1 Specialists, 5 Residents, 11 Technologists, 55 Technicians, 4 Administrative Secretaries, 7 Clerks & 15 Cleaners.



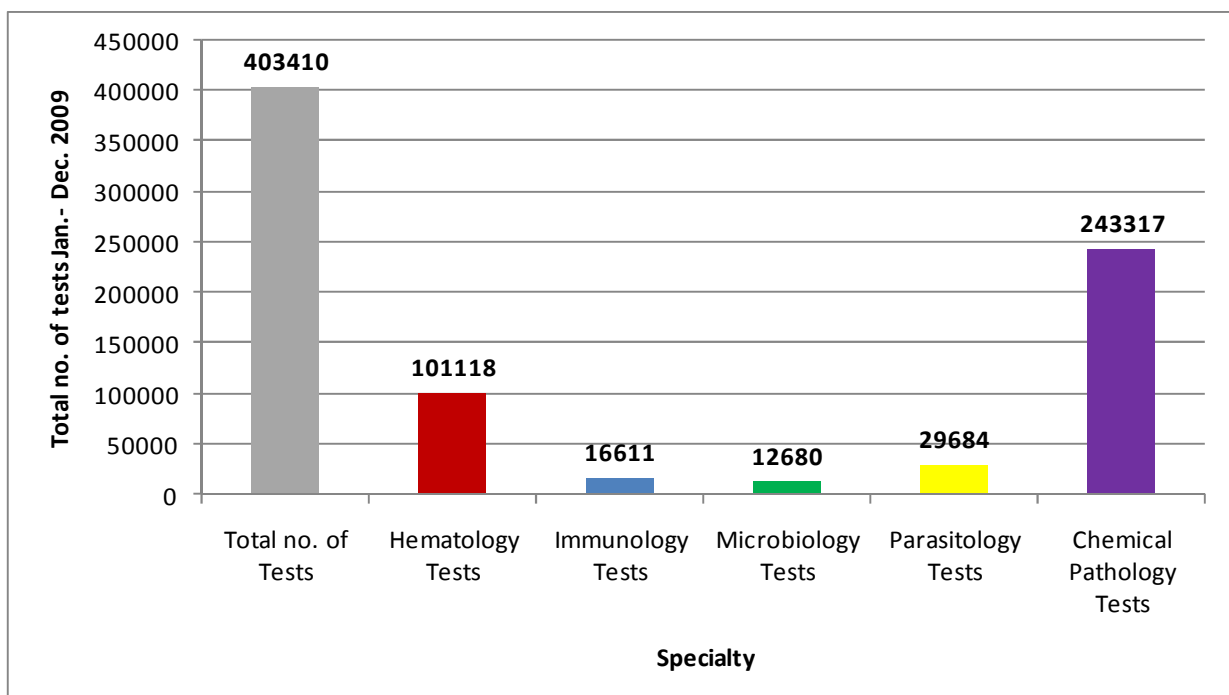
5.3.2 Japanese Lab:

The Laboratory employs 88 people; 27 Faculty Staff (9 Professor, 4 Assistant Professors , 3 Lecturers, 4 Assistant Lecturer & 2 Demonstrators), 5 Residents, 2 Technologists, 39 Technicians, 3 Administrative Secretaries, 8 Clerks & 4 Cleaners.



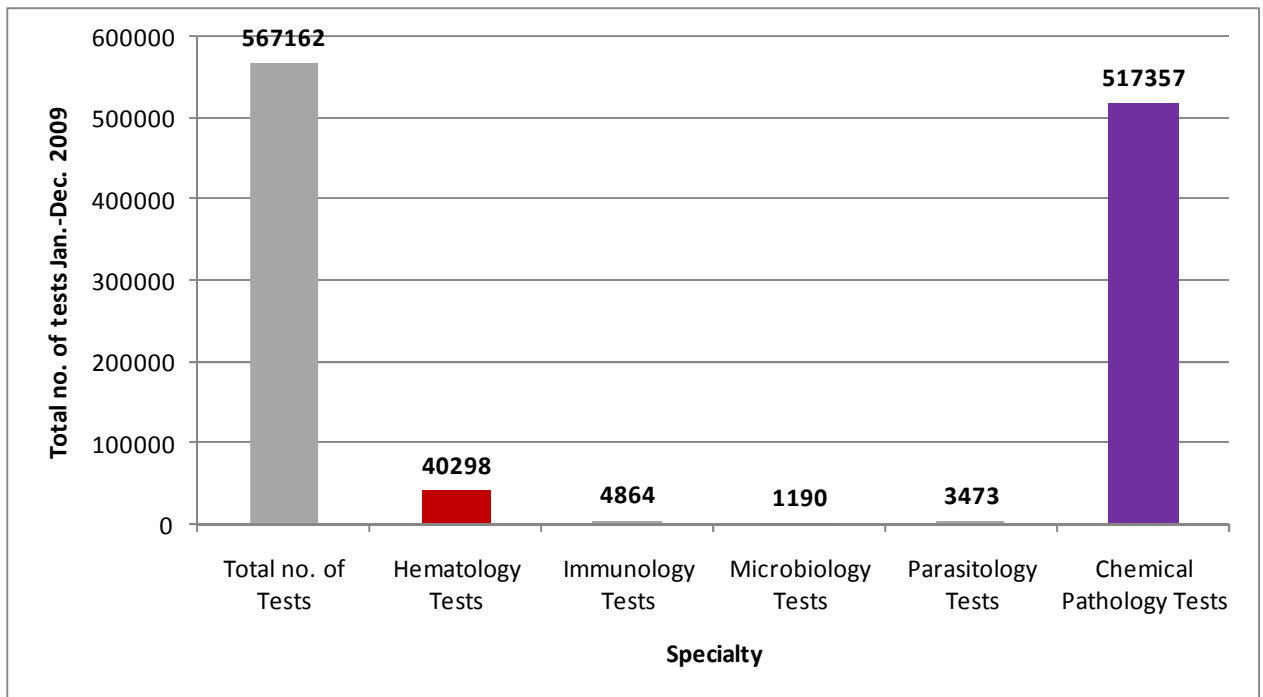
5.3.3 Abou El-Rish Lab:

The Laboratory employs 64 people; 19 Faculty Staff (4 Professor, 4 Assistant Professors , 5 Lecturers, 5 Assistant Lecturer & 1 Demonstrators), 10 Specialists, 5 Residents, 3 Technologists, 16 Technicians, 4 Administrative Secretaries, 2 Clerks & 5 Cleaners.



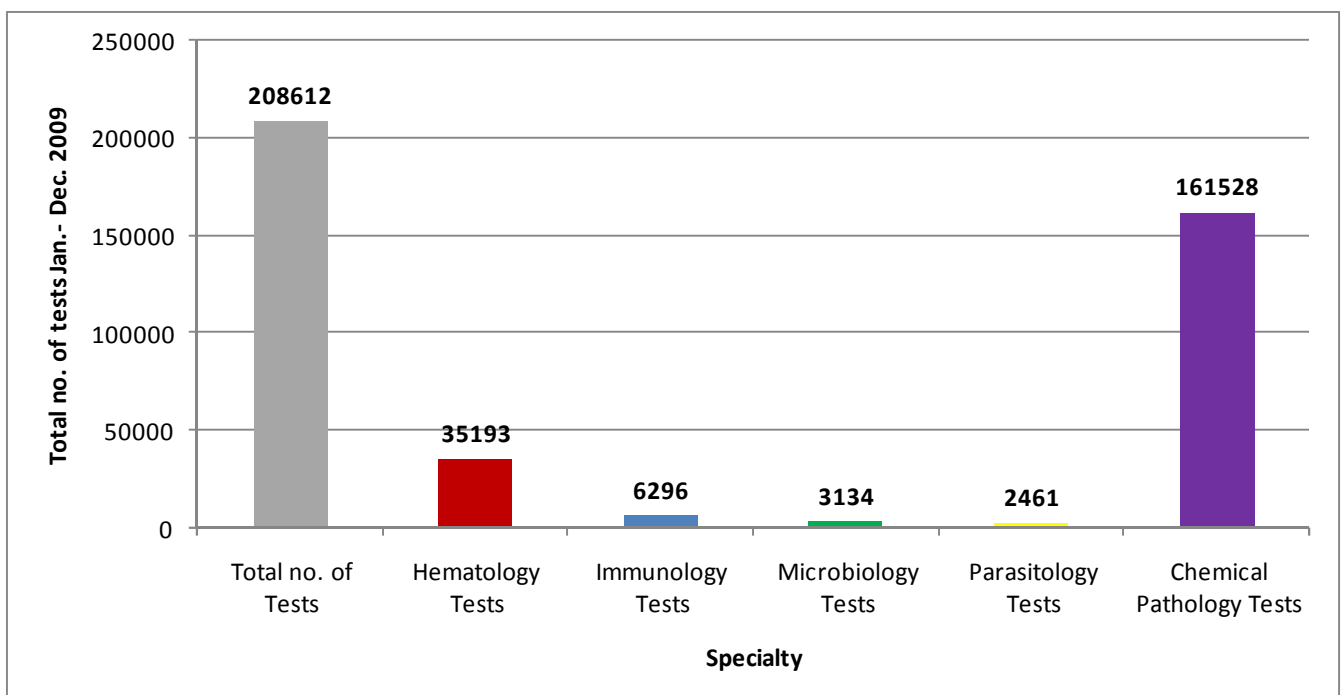
5.3.4 Internal Medicine Lab

The Laboratory employs 47 people; 12 Faculty Staff (1 Emeritus Professor, 3 Professor, 1 Assistant Professors , 4 Lecturers, 2 Assistant Lecturer & 1 Demonstrators), 4 Specialists, 5 Residents, 4 Technologists, 17 Technicians, 2 Administrative Secretaries & 3 Cleaners.



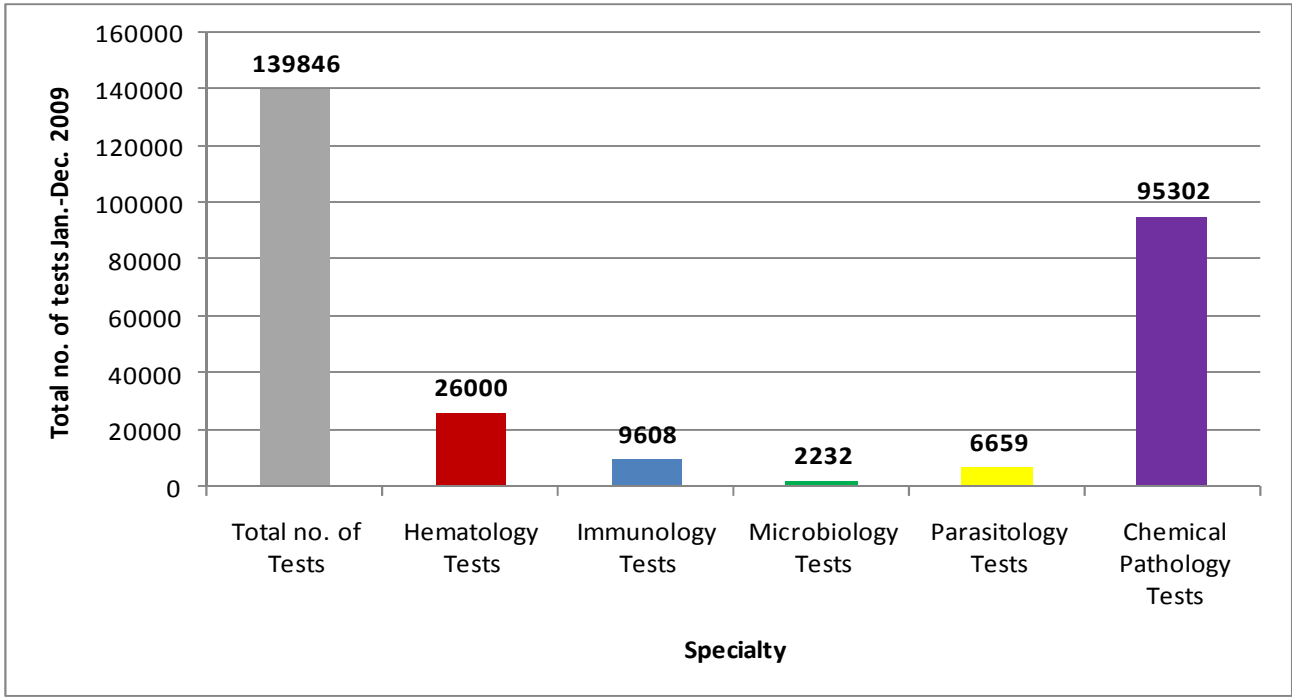
5.3.5. 4th floor Lab

The Laboratory employs 62 people; 12 Faculty Staff (1 Emeritus Professors, 6 Professor , 2 Assistant Professors, 3 Lecturers), 17 Specialists, 11 Technologists, 11 Technicians, 4 Administrative Secretaries & 7 Cleaners.



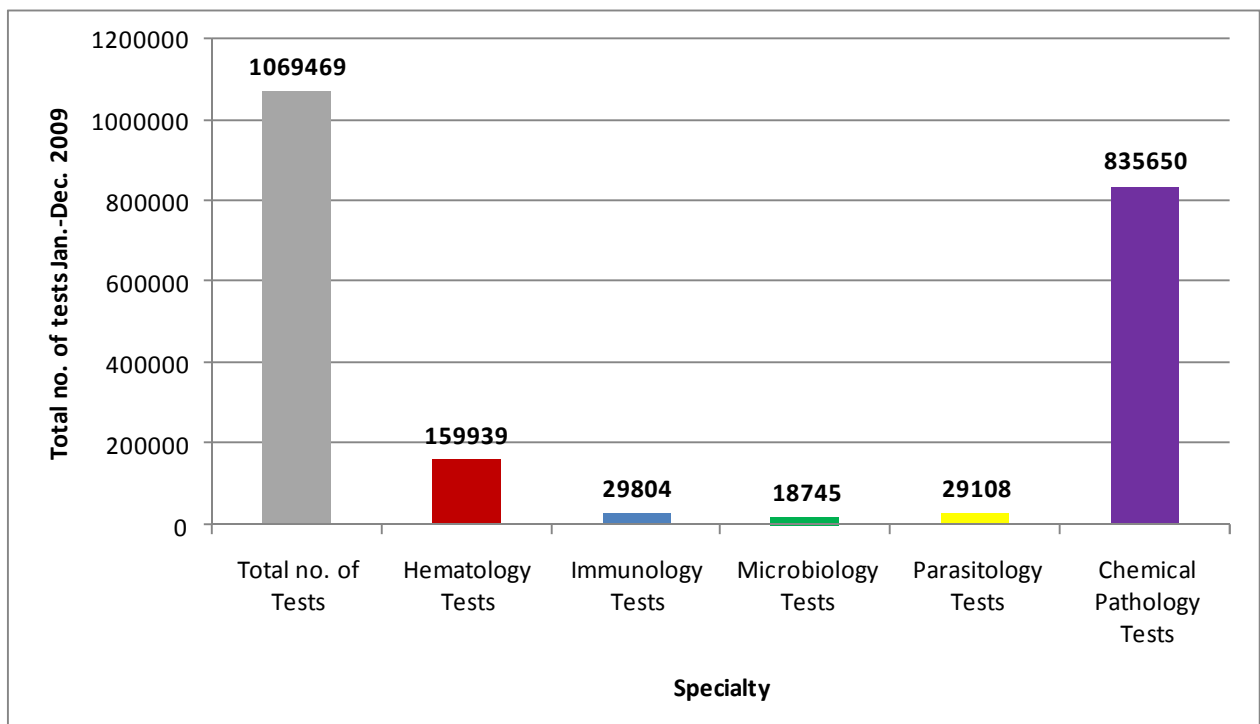
5.3.6 King Fahd Lab

The Laboratory employs 18 people; 1 Faculty Staff (1 Professors) , 2 Specialists, 6 Technologists, 3 Technicians, 4 Nurses, 1 Administrative Secretaries & 1 Cleaners.



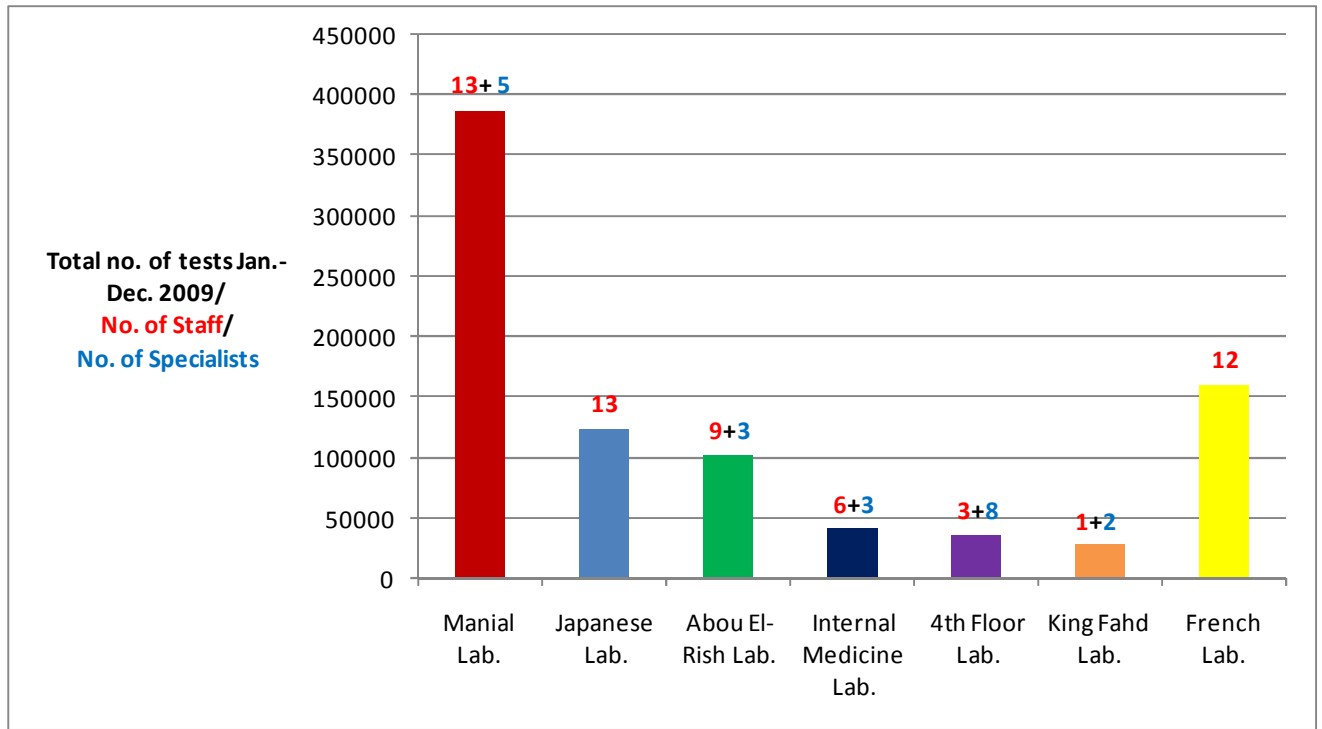
5.3.7 French Lab

The Laboratory employs 164 people; 40 Faculty Staff (1 Emeritus Professor, 13 Professor, 11 Assistant Professors , 8 Lecturers, 7 Assistant Lecturer), 4 Senior Registrars, 90 Technologists & Technicians, 6 Administrative Secretaries, 14 Clerks & 10 Cleaners.

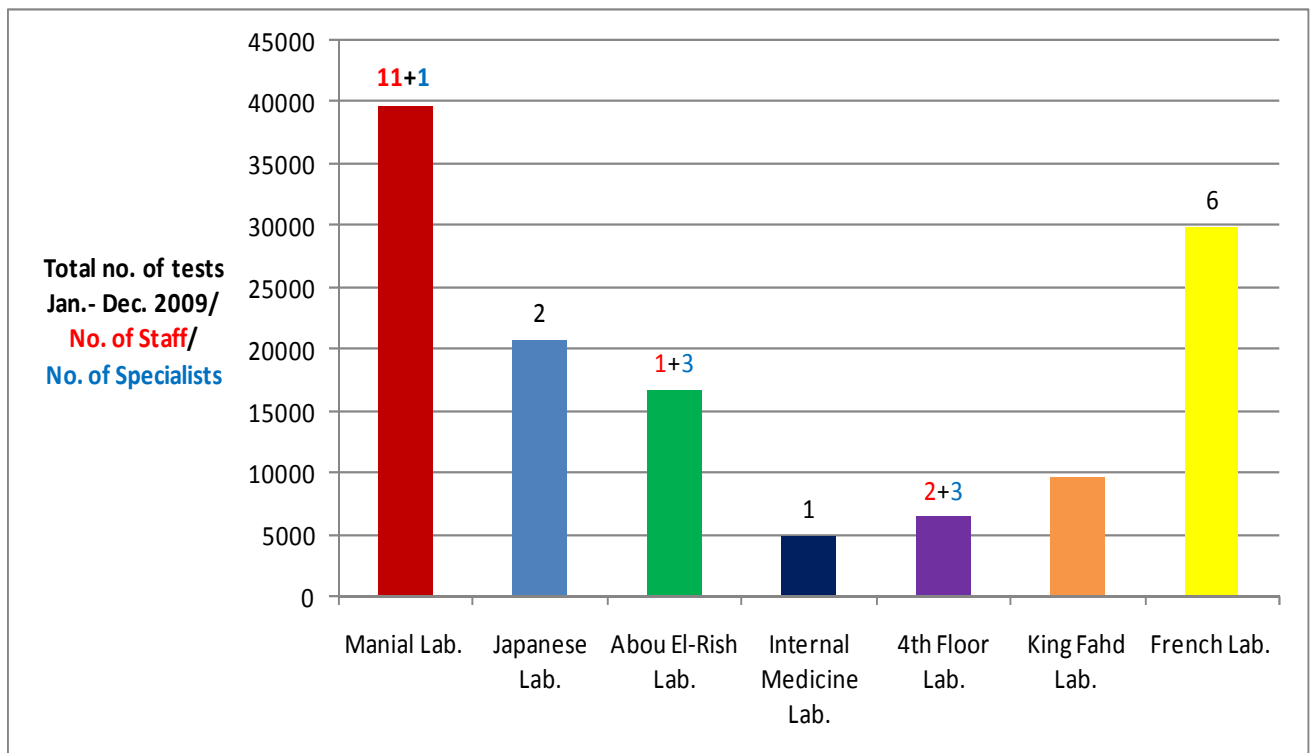


5.4 Productivity per division

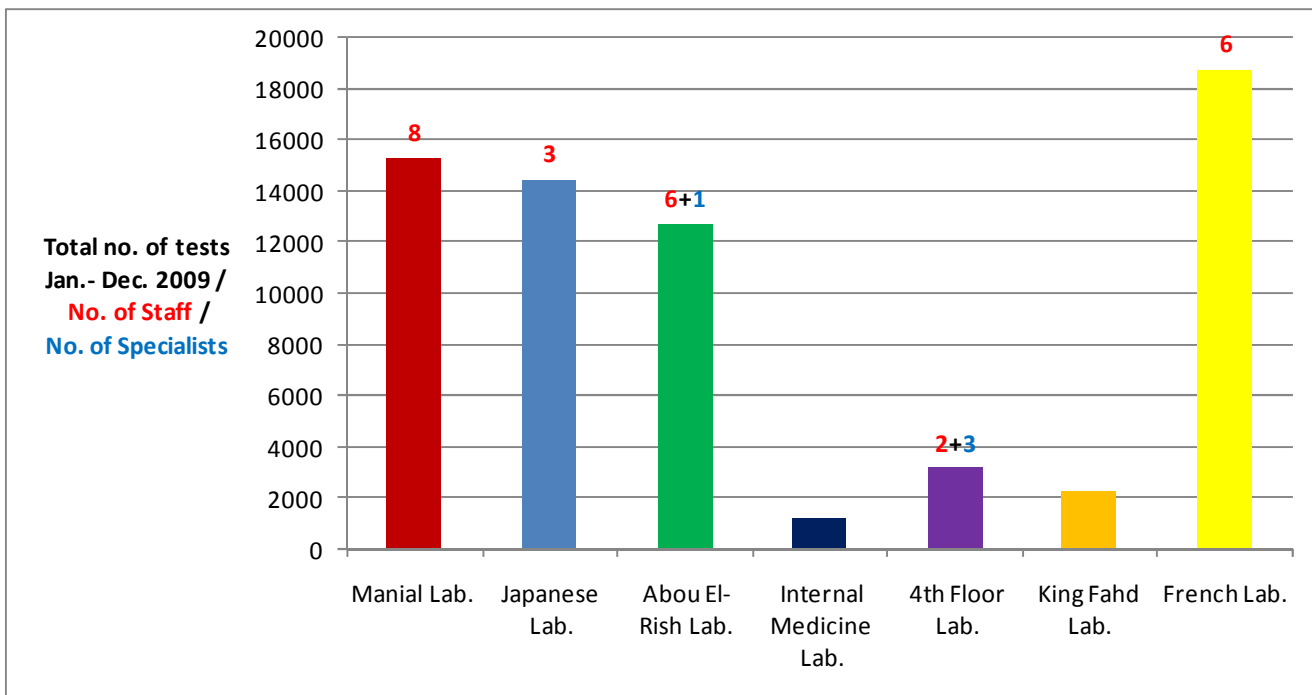
5.4.1 Hematology



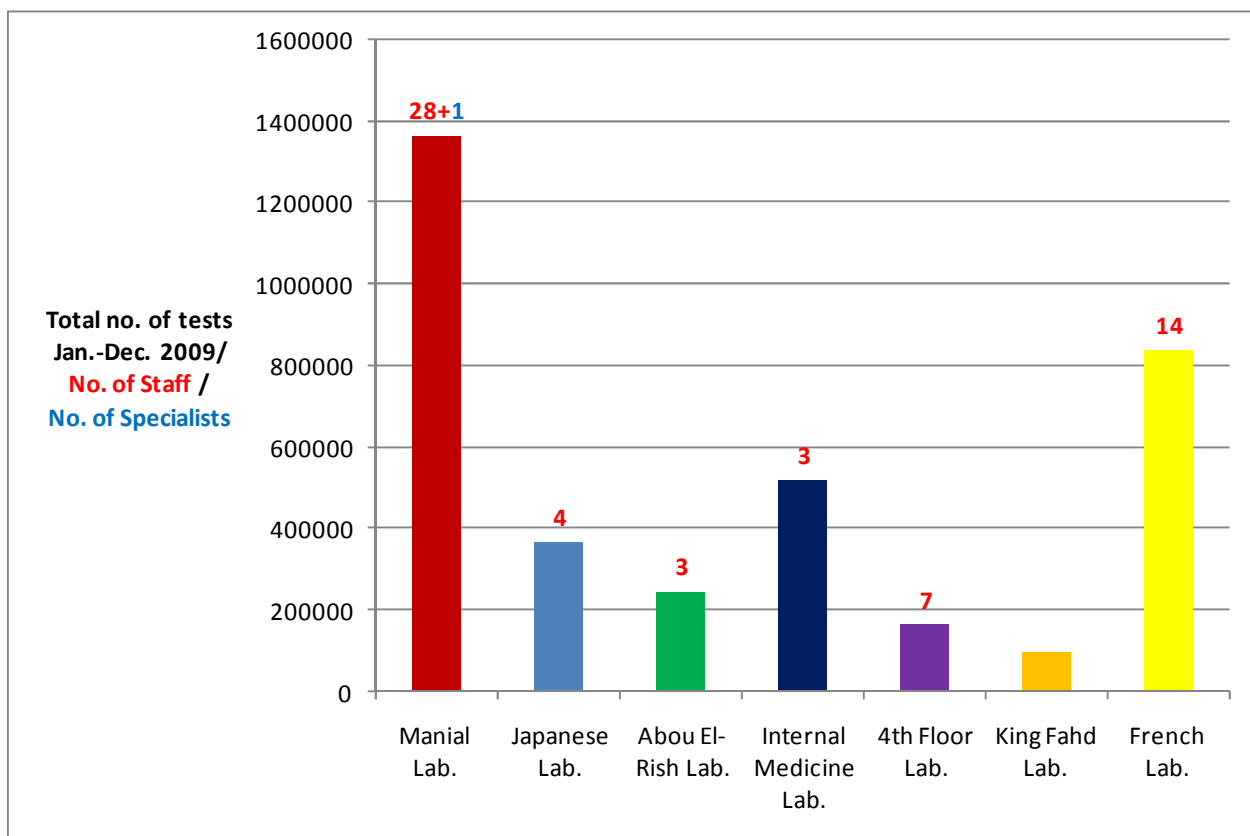
5.4.2 Immunology



5.4.3 Microbiology



5.4.4 Chemical Pathology



5.5 New Lab tests introduced during 2009

40 new tests were introduced, some of which were reintroduced using novel techniques.

1.	Anti- β 2-glycoprotein 1 IgGAM Screening test
2.	Anti- β 2-glycoprotein 1 IgG
3.	Anti- β 2-glycoprotein 1 IgM
4.	Anti-cardiolipin IgGAM Screening test
5.	Anti -Cardiolipin antibodies (IgG)
6.	Anti-Cardiolipin antibodies (IgM)
7.	Anti Gliadin IgG/IgA screening test
8.	Anti Gliadin IgA
9.	Anti Gliadin IgG
10.	Anti-Glomerular Basement Membrane IgG
11.	Anti-C-ANCA (cytoplasmic ANCA/ Proteinase 3 IgG)
12.	Anti-P-ANCA (peripheral ANCA/Myeloperoxidase IgG)
13.	Anti-phosphatidylserine IgG
14.	Anti-phosphatidylserine IgM
15.	Anti Saccharomyces cerevisiae antibodies IgA (ASCA IgA)
16.	Anti Saccharomyces cerevisiae antibodies (ASCA IgG)
17.	Anti-RNP-70
18.	Anti-Smith Antibodies (Anti-Sm)
19.	Anti- SSA/Ro Antibodies
20.	Anti- SSB/La Antibodies
21.	Anti Tissue Transglutaminase IgA
22.	Anti Tissue Transglutaminase IgG
23.	Genetic study for predicting Warfarin dose
24.	Thrombophilia genetic study by PCR (F-V Leiden, PTH, MTHFR)
25.	Thrombophilia genetic study by PCR (12 mutations)
26.	HCV by Real Time PCR.
27.	HBV by Real Time PCR
28.	CMV by Real Time PCR
29.	TB DNA by Real Time PCR
30.	HLA Class I A locus by PCR
31.	HLA Class I B locus by PCR
32.	JAK-2 transcript Quantitation by Real Time PCR
33.	Translocation: t (8:21) AML1-ETO by quantitative Real Time PCR
34.	Translocation: t(15;17) PML-RARA bcr1 (long fusion transcript) by quantitative Real Time PCR
35.	Translocation: t(15;17) PML-RARA bcr3 (short fusion transcript) by quantitative Real Time PCR
36.	Translocation: t(12;21) TEL-AML1 by quantitative Real Time PCR
37.	Translocation: t(9;22), BCR-ABL (m-bcr: p210) by Quantitative real time PCR)
38.	Translocation: t(9;22), BCR-ABL (m-bcr: p190) by Quantitative real time PCR)
39.	Translocation: t(16;16) Inversion 16 (CBF β -MYH11 A) by Quantitative Real Time PCR
40.	CLLU1 Quantitation by Real Time PCR

5.6 Blood Bank Services

- **Blood Bank Profile:**

The Blood Bank employees approximately 123 people who are involved in Blood Donation, Blood Processing and Hemapheresis.

- **Blood Bank Structure:**

The Head of the Blood Bank :Prof. Dr. Mervat Al-Ansary

Administrative Director: Dr. Abeer Reehan.

The Team includes:

- ◇ 8 Specialists
- ◇ 1 Financial officers
- ◇ 3 Technologists
- ◇ 34 Technicians
- ◇ 4 Nurses
- ◇ 12 Administrative Secretaries
- ◇ 18 Clerks
- ◇ 20 Cleaners.

- **The Blood Bank provides a range of products and services which includes:**

- ◇ Donor sample testing (Blood Group serology, Transfusion transmissible infections testing, Compatibility testing)
- ◇ Whole Blood
- ◇ Red cell concentrates
- ◇ Frozen blood products (Fresh frozen plasma, Cryoprecipitate)
- ◇ Platelets (Platelets concentrates - single random donor, Platelets concentrates – aphaeresis)
- ◇ Therapeutic Services (Therapeutic aphaeresis)

6. Scientific Research

6.1. The New Scientific Research plan

- **Project Profile:**

The aim of this project is to develop a plan for the Research activities of the Department over the coming 2-5 yrs which will involve all the specialties of the Department.. The project will hopefully lead to the international recognition of the Department that will in turn participate in the International recognition of Kasr Al-Ainy Faculty of Medicine

- **Project structure:**

Project Leader: Prof. Ali Shams El-Din

Project Team Members: Prof. Azza Mostafa, Prof. Taghreed Gaafar, Prof. Amani El-Kholy, Prof. Fatma El-Mougy, Prof. Mona Wasif, Prof. Hala Farawela, Prof. Afaf ElBannah, Prof. Iman Mansour, Prof. Hala Ali, Prof. Hala Gabr, Prof. Sahar Abdel Atty

Project starting date: 27/08/09

Accomplishments to date at Al-Manial Clinical Pathology Lab.:

1.Planning process : Done

2.Implementation: work in process

Key research subjects

1.HCV

2. Stem Cell Research

3. Neurodegenerative diseases

4. Infection prevention and control

5. Molecular basis of Hematological disorders

6. Juvenile Diabetes Mellitus.

6.2 The Department's international publications

Around 54 papers were published by our Faculty Staff in international journals over the past 10 yrs (2000-2009). A total of 9 articles were published during 2009, several in high impact journals., the paper with the highest impact factor (6.291) was published in the Journal of Thrombosis and Haemostasis.

Year	No. of publications
2000	0
2001	0
2002	5
2003	1
2004	3
2005	7
2006	7
2007	12
2008	10
2009	9
Total	54

International publications during 2009

- Yousry A., Abdel-Rahman M., Essmat. G., El-Searfy M., Omar A., Doss W., Zayed N., Said M., Ismail T., Hosny A., Marawan E., El-Malt O., Kamel R.R., Hatata Y., El-Taweel A., Ghali A., Sabri H., **Kamel S.**, ElGabaly H. Recurrence of hepatitis C Virus (genotype 4) Infection after Living-Donor liver Transplant in Egyptian Patients *Journal of Experimental and Clinical Transplantation* published October 2009.
- **Eyada T., Kamal M., Khorshied M., Zayed R., Gouda H., Soliman A.** PRAM and WTI genes expression in Chronic Myeloid Leukemia Patients: Clinical importance and future prospects. *Pan Arab Journal of Oncology* published September 2009.
- **Kamal M., Salem M.,** Khoulosi N., Ashmawy K Evaluation of trace elements and Malondialdehyde levels in type II diabetes mellitus. *Journal of Diabetes and Metabolic Syndrome: Clinical Research and reviews* published August 2009.
- **Mostafa Z., Abulata N., Sahlab S., Shams Eldin A.** Thrombophilic gene mutation in recurrent miscarriage. *Journal of Thrombosis and Haemostasis* published July 2009.
- Hamza I., El-Mougy F., Sabry R., Abdel-Atty s., Sharaf H., Evaluation of CA 242 and Ca 72-4 as tumor markers for cancer colon. *Arab Journal of gastroenterology* published June 2009
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NB The names in bold are the Staff members from our Department

7. Projects

7.1 Introduced and implemented

7.1.1 Quality Assurance project:

- **Project profile:**

The aim of Quality assurance project (QA) is to ensure that the Lab provides a service that is fit and meets quality standards.

- **Project Structure:**

Project Leader: Dr. Ola Khashaba

Project Team Members: Prof. Dr. Safaa Al-Karakasy, Prof. Dr. Naguib Zoheir, Prof. Dr. Mona Wasif, Assistant Prof. Dr. Nada Nawar, Dr. Mariam Onsy, Dr. Heba Gouda

Project starting date: 27/08/09

Accomplishments to date at Al-Manial Clinical Pathology Lab.:

1. Gap analysis in Al-Manial Lab: Done
2. Generic & specific checklists: Done
3. Team building: Done
4. Awareness sessions: Done
5. Training sessions: Pending (2 weeks behind schedule)
6. Full implementation: Pending (2 weeks behind schedule)

Next Lab Pediatric Japanese Hospital from 15/02/09

7.1.2 IT Development &Improvement Project

- **Project Profile:**

The aim of the new Lab information system which was introduced by the National Technology Company (a specialized and licensed lab information company) at Al-Manial lab was to upgrade the overall system of sample documentation (pre- & post testing) to ensure that the Lab provides a service that is fit and meets quality standards.

- **Project structure:**

Project Leader: Prof. Dr. Mona Salah

Project Team Members: Prof. Dr. Safaa Al-Karakasy, Prof. Dr. Naguib Zoheir, Assistant Prof. Dr. Nada Nawar, Assistant Prof. Dr. Mervat Gaber, Dr. Rania Khalifa, Dr. Zeinab El-Sadany

Project starting date: 01/07/09

Accomplishments to date at Al-Manial Clinical Pathology Lab.:

1. System installed: Done
2. System Functioning well: Done
3. Team Building: Done
4. Awareness session: Done
5. Training session (1-1): Done
6. Digital verification: Done
7. Developing the criteria for auto-validation: work in process

7.2 Work in process

7.2.1 Internet Connectivity

Internet services (ADSL) will be available from mid January which will allow academic staff, researchers & postgraduate students to access the internet. The service will be provided by TE Data.

7.2.2 Website Development

We are currently in the process of developing the Department's website (www.clinchemcairo.org) that will be linked to the Faculty's website. The website will be featuring information about the Department's 3 core missions; Laboratory services, Teaching & training and Research. We will provide our students with Teaching & training time tables in addition to examination schedules. The internet never sleeps and neither will our website, we will update it regularly with our latest news & events.

7.2.3 The 1st Annual Departmental Conference "CLINCHEM2010"

We are currently organizing the 1st Annual Conference, **CLINCHEM 2010** that will be held from the 31st of March to the 2nd of April 2010 at Cairo International Conference Center. The Conference will be held **under the patronage** of Professor Hossam Kamel, the President of Cairo University and we are especially pleased to have Professor Ahmad Sameh Farid the Dean of Kasr Al-Ainy Faculty of Medicine as the **Honorary President & Inspirational Speaker**.

The central theme of CLINCHEM 2010 is **"Molecular Biology: into the future"**. The Conference will be featuring internationally recognized experts in the field of Molecular Biology such as Professor Massimo Loda from Harvard University, (USA), Professor Michelangelo Firontina from University of Bologna, (Italy), Professor David Rockabrand, NAMRU-3 (USA) & Professor Neil Morgan from the University of Birmingham (UK).

We will be hosting **"Meet the Expert"** sessions which will offer tremendous opportunities for Laboratory Medicine professionals, Clinicians, Scientific and Medical publishers and Biotechnology companies to share their experience and research interests. And in the pursuit of reinforcing a commitment to continuous validation & improvement, the Conference will be accredited by the European Accreditation Council for Continuing Medical Education.

Conference General Information:

- **Conference President** :Prof. Ahmed El-Saifi
- **Vice President** :Prof. Azza Mostafa
- **Secretary General** : Prof. Fatma El-Mougy

- **Scientific Program Committee**

- a. **Hematology Committee**

- Prof. Ali Shams ElDin
 - Prof. Azza Ahmed
 - Prof. Naela Omran
 - Prof. Tayssir Eyada
 - Prof. Hanaa Arnaout

- b. **Immunology Committee**

- Prof. Nawal Affifi
 - Prof. Nehad El-Sheemy
 - Prof. Safaa Al-Karakasy
 - Prof. Taghreed Gaafar
 - Prof. Mervat Al-Ansary

- c. **Microbiology Committee**

- Prof. Walaa Gad
 - Prof. Souhair Helal
 - Prof. Amani Al-Kholy
 - Prof. Mona Wassif
 - Prof. Nevine El-Rasheedy

- d. **Chemistry Committee**

- Prof. Omar Al-Roubi
 - Prof. Omnia Youssef
 - Prof. Mona Salem
 - Prof. Fayza Abdel Hamid
 - Prof. Nadida Gohar

- **Advisory Committee**

- Prof. Nadia Hassaballah
 - Prof. Sanaa Asaad

- Prof. Omaima Gohar
 - Prof. Shahira Gemae

- Prof. Walaa Gad
 - Prof. Souhair Helal

- Prof. Mona Salem
 - Prof. Fayza Abdel Hamid

- **Local Organizing Committee**

- Prof. Omnia Youssef
 - Prof. Safaa Al-Karakasy
 - Prof. Amani Al-Kholy
 - Prof. Hala Farawela
 - Prof. Mona Salah
 - Prof. Sahar Abdel Atty

- A. Prof. Mervat Gaber
 - A. Prof. Noha Shaheen
 - Dr. Mervat Khorshied
 - Dr. Nelly Abulata
 - Dr. Heba El-Baz
 - Dr. Riham El-Sayed

9. Labs opening soon

1. The new Maternity Hospital Lab will be opening soon and we anticipate moving into the facility by Mid 2010. An outline for the work plan for the Lab has been prepared in collaboration with the Head of the Maternity Hospital (Prof. Omaila Idris). The Planning Team includes: Prof. Fatma El-Mougy, Prof. Naguib Zoheir & Dr. Eman Mandour.
2. A plan for the new ER Lab at the new ER Hospital is currently being prepared under the supervision of Prof. Badawy Al-Kholy who has been nominated as the Head of Lab.