



FAISALABAD INSTITUTE OF CARDIOLOGY, FAISALABAD



ANNUAL PERFORMANCE REPORT 2018

GOVERNMENT OF THE PUNJAB, HEALTH DEPARTMENT

INTRODUCTION

Faisalabad Institute of Cardiology, Faisalabad was inaugurated on Tuesday 13th November 2007. This institute is Tertiary level specialized autonomous institution for cardiac diseases. It consists of 250 beds. The institute is functioning under the provision of Punjab Medical and Health Institute ACT-2003 and rules made their under. It is situated at Club Road, opposite Chenab Club, Faisalabad.

The Hospital is providing services to Cardiac patients of District Faisalabad and its adjacent Districts like Sargodha, T.T Singh, Jhang, Chiniot and beyond areas.

The *objectives* of this Tertiary care Cardiac Center are as under:

1. To provide the best possible cardiac diagnostic and treatment facilities to the people of Faisalabad and adjoining areas.
2. Improve Cardiac Health care facilities in this region.
3. Provide facilities of highly specialized nature of Cardiac Care.
4. Act as a referral center for the central Punjab and adjacent areas.
5. Train medical, paramedical personnel and nurses to improve capacity building in this field.
6. Provide research facilities in cardiology and cardiac surgery.
7. Become a center of initiating public health awareness programs to prevent cardiac diseases.
8. Provide training in all Cardiac specialties to medical graduates.
9. Attract patients and research workers for advanced and specialized training and research work.

AREA

The Honorable Chief Minister Punjab during his visit on 01.11.2009 very kindly allocated 67 Kanals of land of old DIG House for establishment of residential colony for the staff of this institute.

Hospital

Total Land Area allocate for Faisalabad Institute of Cardiology is as.

Main Building	11.57 Acre
Residential	67 Kanals
Total covered area	228525 Sq.ft

Hostels	
Doctors Hostel	40671 Sq.ft.
Nursing Hostel	32801 Sq.ft

Main Building

The main building of Faisalabad Institute of Cardiology, Faisalabad consists of.

Basement:

- Stores
- HAVC
- Lt/ Ht (Electric Steps)
- Compressor Room (Control Gas Supply)

Ground Floor consists of:

- Emergency Department
- Out Patient Department
- Pathology Department
- Radiology Department
- Angiography Department
- Nuclear Cardiology Department.
- Echo. Department
- ETT Department
- ECG Department
- Social Welfare
- Blood Bank
- CCUs
- Pharmacy
- Stores
- Admission and Discharge Cell
- Record Room
- Receptions
- Canteen

1st Floor consists of:

- Administration Block
- Operation Theaters
- ICU
- IICU
- Paeds ICU
- Isolation Ward
- Pre-Operative Ward
- Post-Operative Ward
- CSSD
- Library
- Conference Room
- Auditorium
- IT Department
- Telephone Exchange
- CCTV Control Room

2nd Floor consists of:

- Cardiac Surgery General Ward
- Cardiac surgery Private Ward

3rd Floor consists of:

- Cardiology General Ward
- Cardiology Private Ward

BOARD OF MANAGEMENT

FAISALABAD INSTITUTE OF CARDIOLOGY FAISALABAD.

Kh. Asem Khurshed	Chairman
Mr. Farooq Khan	Member
Mian Kamal- ud-Din	Member
Professor Dr. Wali Muhammad Saghar	Member
Dr. Shehla Zahid	Member
Dr. Sharmin Imran	Member

ADMINISTRATIVE STAFF

Dr. Anjum Jalal Executive Director/Professor of Cardiac Surgery	
Dr. Ijaz Akhtar Medical Superintendent.	Mr. Muhammad Hussain Naseem Director Finance
Dr. Muhammad Nadeem Akhtar Addl: Medical Superintendent (Admin)	Dr. Muhammad Sajid Addl: Medical Superintendent (Deputy Director Medical Education & Stores)
Mrs. Anwari Khanum Nursing Superintendent	Mr. Hamad Ali Audit Officer
Mr. Allah Ditta Maan Office Superintendent	Miss. Nazish Saleem Budget & Accounts Officer

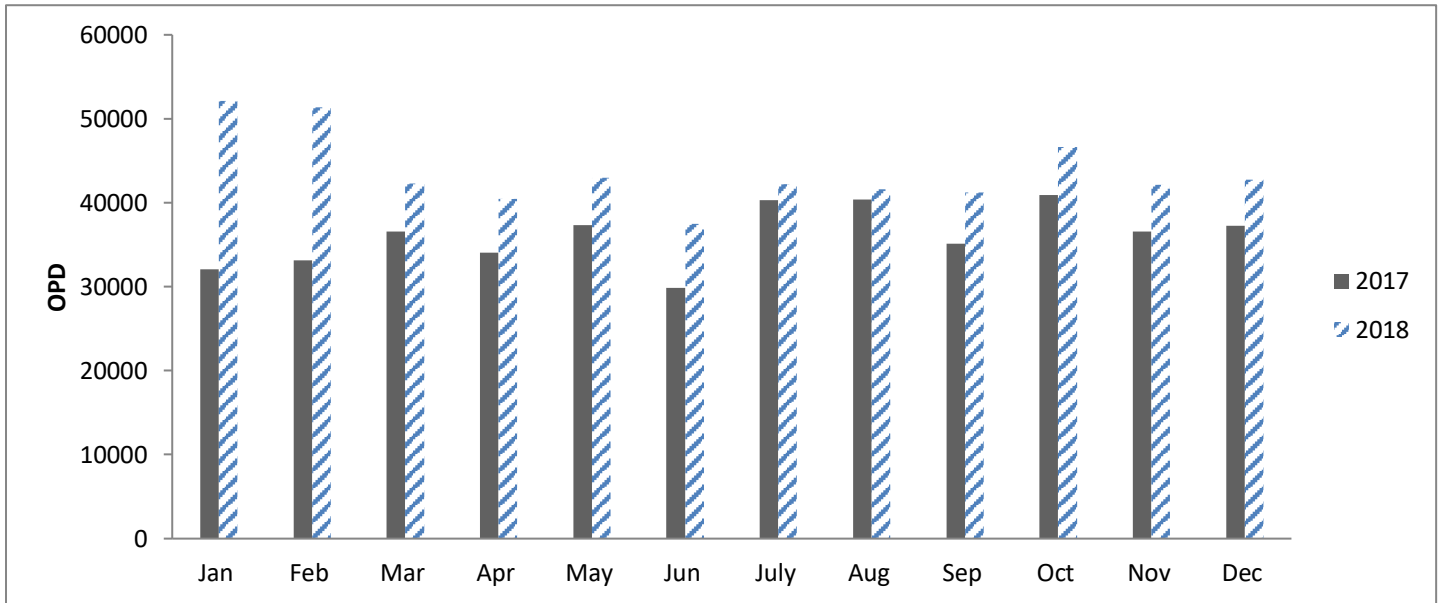
WARD WISE BED STRENGTH

FAISALABAD INSTITUTE OF CARDIOLOGY, FAISALABAD.

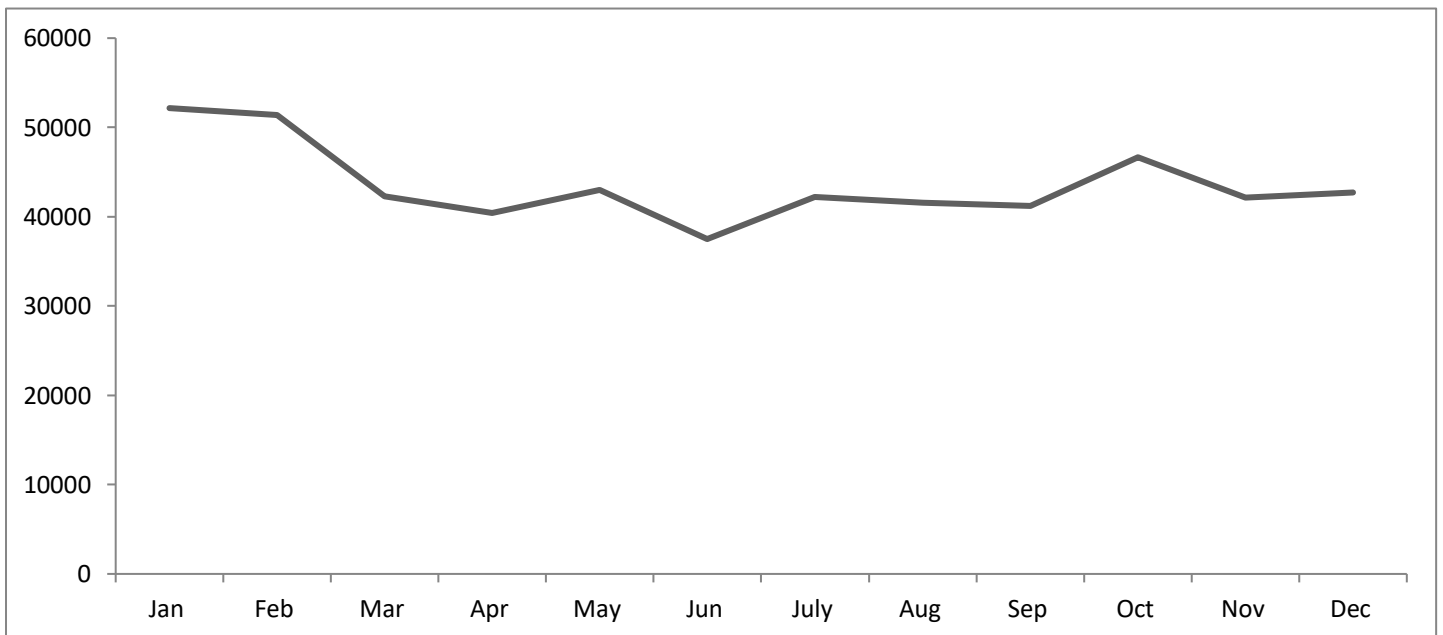
Sr. #	Name of Ward	Beds
1	Emergency	66
2	CCU-I	10
3	CCU-II	10
4	Angiography	10
5	Pre-Operative	6
6	ICU	10
7	IICU	10
8	Post Operative / Recovery/HDU	7
9	Paeds Cardiac surgery	7
10	Isolation Ward	6
11	Cardiac Surgery General	28
12	Cardiac Surgery Private	26
13	Cardiology General	28
14	Cardiology Private	26
Total		250

PATIENTS SERVICES REPORT
OPD
2017-2018

Year	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Total
2017	32074	33111	36548	34056	37344	29838	40286	40350	35113	40885	36583	37249	433437
2018	52163	51384	42309	40433	43013	37500	42217	41586	41199	46628	42154	42736	523322

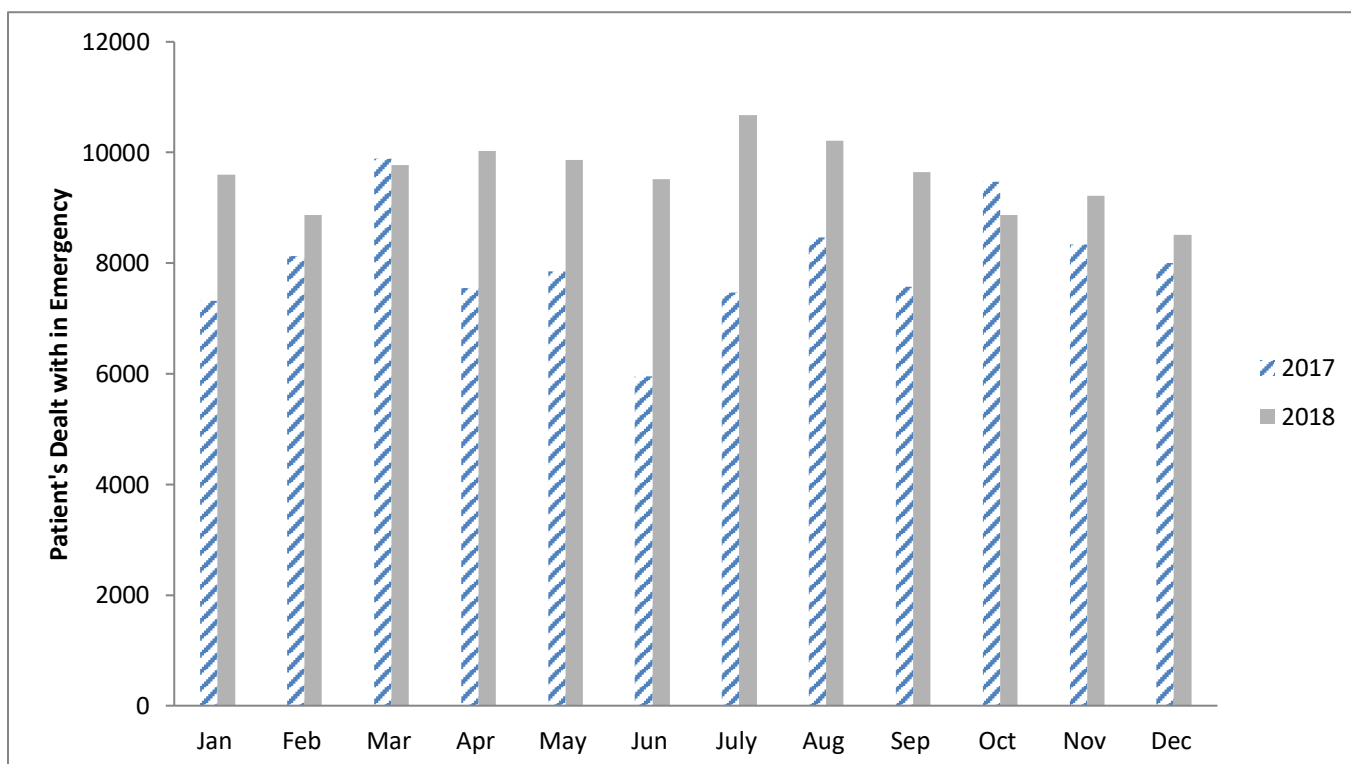


No. of Patients Provided Free Medicines in OPD - 2018



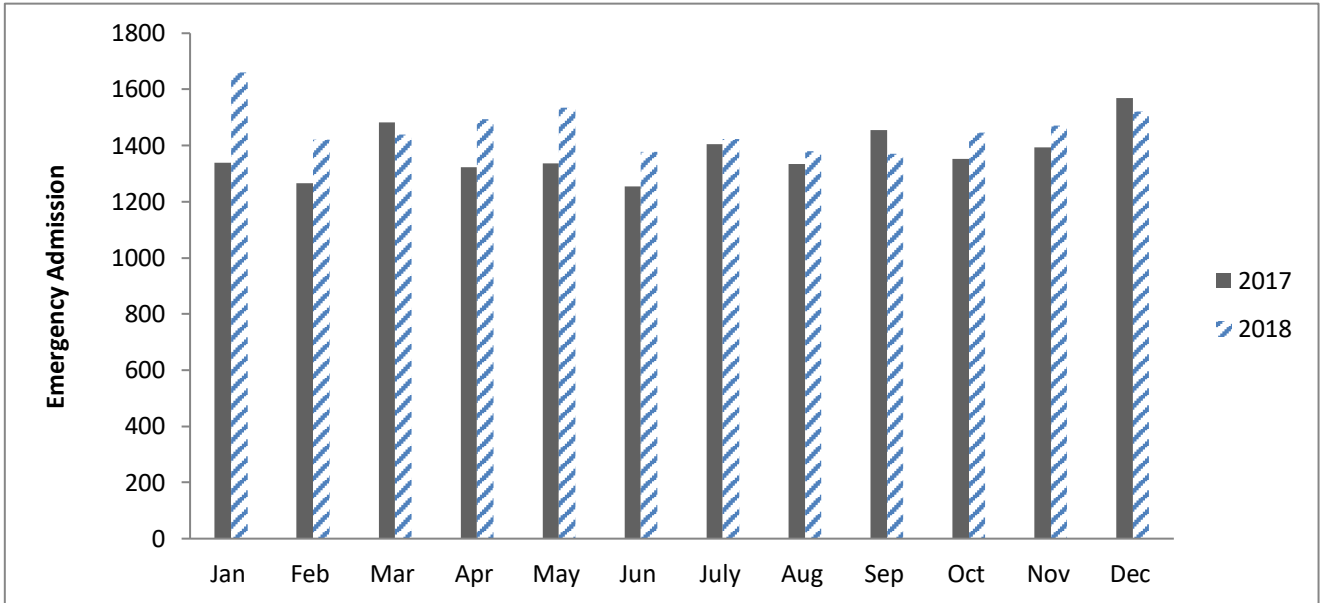
PATIENTS SERVICES REPORT
Patient's treated In Emergency OPD 2017-2018

Year	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Total
2017	7324	8131	9888	7549	7851	5958	7465	8461	7571	9466	8340	8001	96005
2018	9604	8864	9774	10025	9866	9516	10674	10207	9646	8872	9222	8509	114779



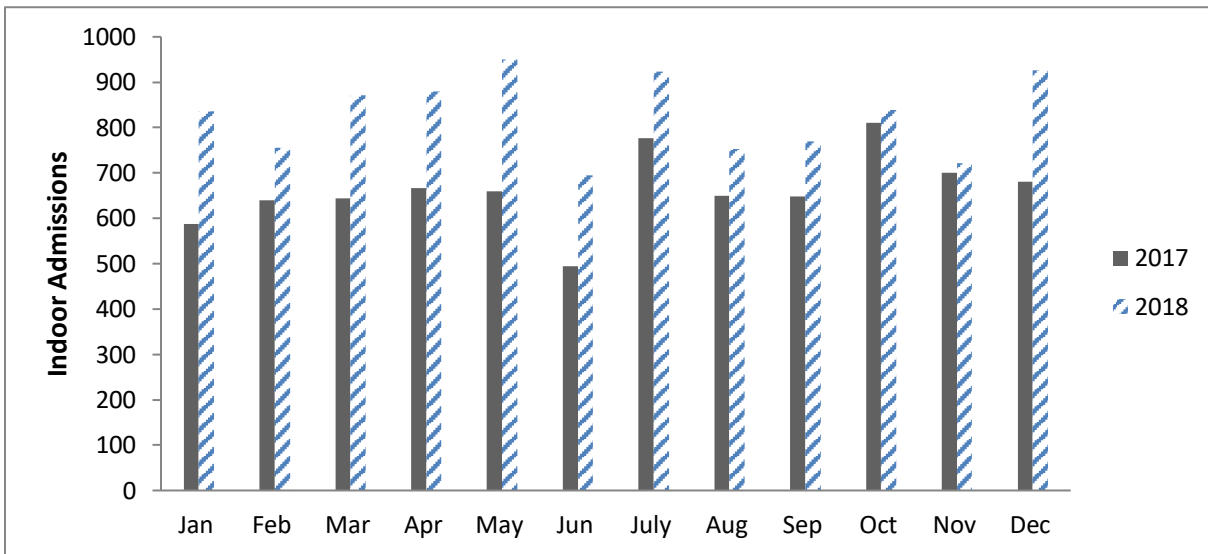
PATIENTS SERVICES REPORT
EMERGENCY ADMISSIONS 2017-2018

Year	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Total
2017	1339	1265	1482	1323	1337	1255	1405	1335	1456	1353	1393	1569	16512
2018	1660	1421	1439	1495	1535	1378	1424	1380	1371	1446	1472	1521	17542

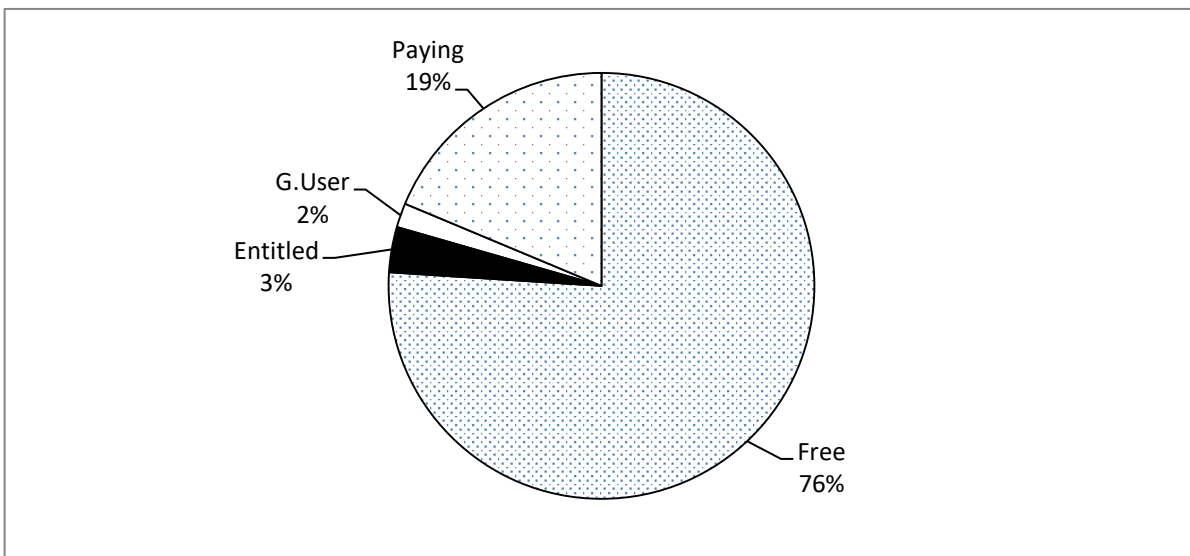


PATIENTS SERVICES REPORT
INDOOR ADMISSIONS 2017-2018

Year	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Total
2017	587	639	644	667	659	494	776	649	648	810	701	681	7955
2018	836	756	871	880	950	695	924	752	769	839	722	926	9920



Categorization of Indoor Admission 2018

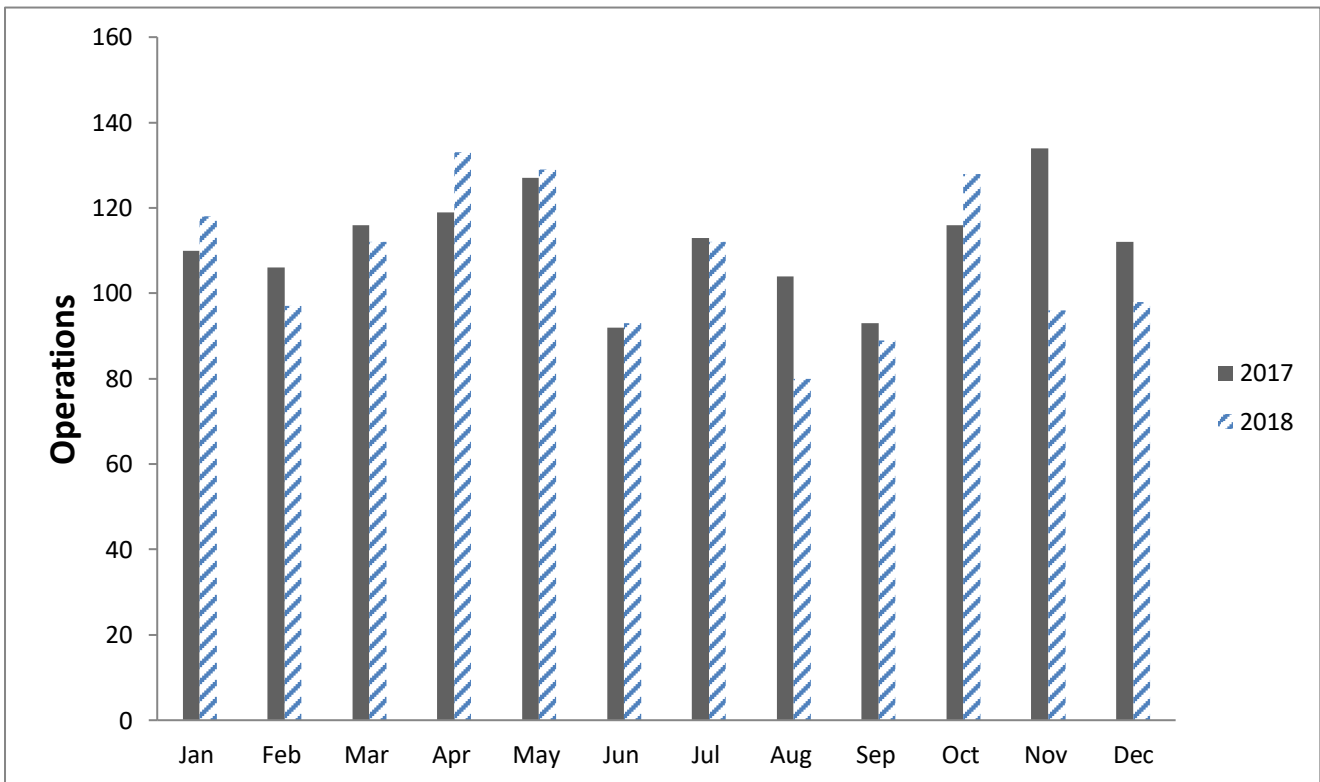


OPERATION THEATERS FOR CARDIAC SURGERY

Well-equipped five Operation Theaters out of which 02 are modular operation theaters. The Cardiac Surgery Department was started in November 2009. The detail of Cardiac Surgery operations for the years 2017- 2018 are shown in the table.

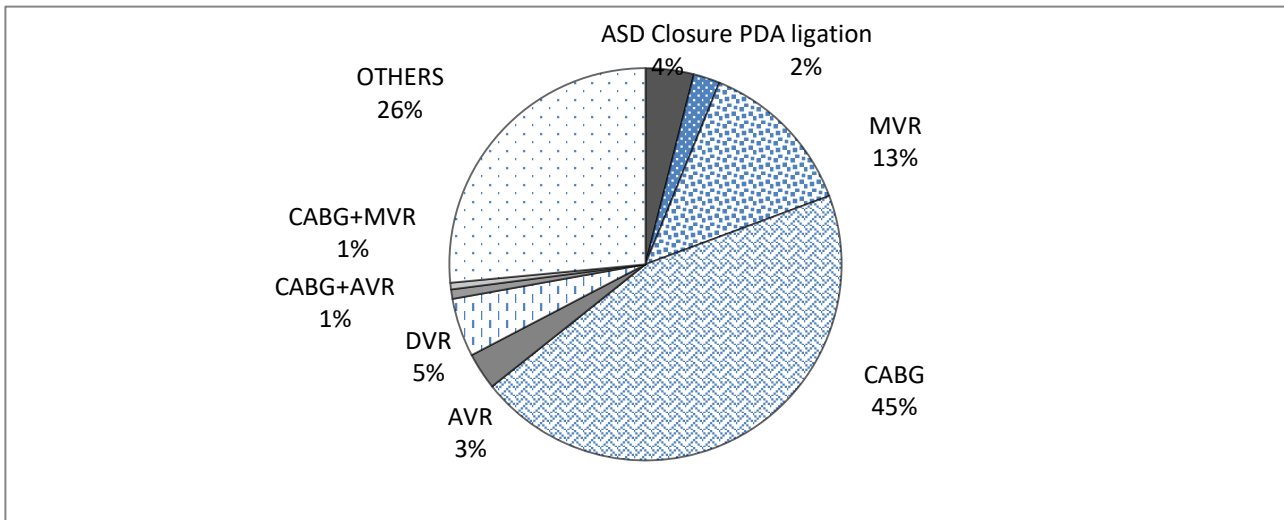
PATIENTS SERVICES REPORT CARDIAC SURGURY OPERATIONS 2017-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2017	110	106	116	119	127	92	113	104	93	116	134	112	1342
2018	118	97	112	133	129	93	112	80	89	128	96	98	1285



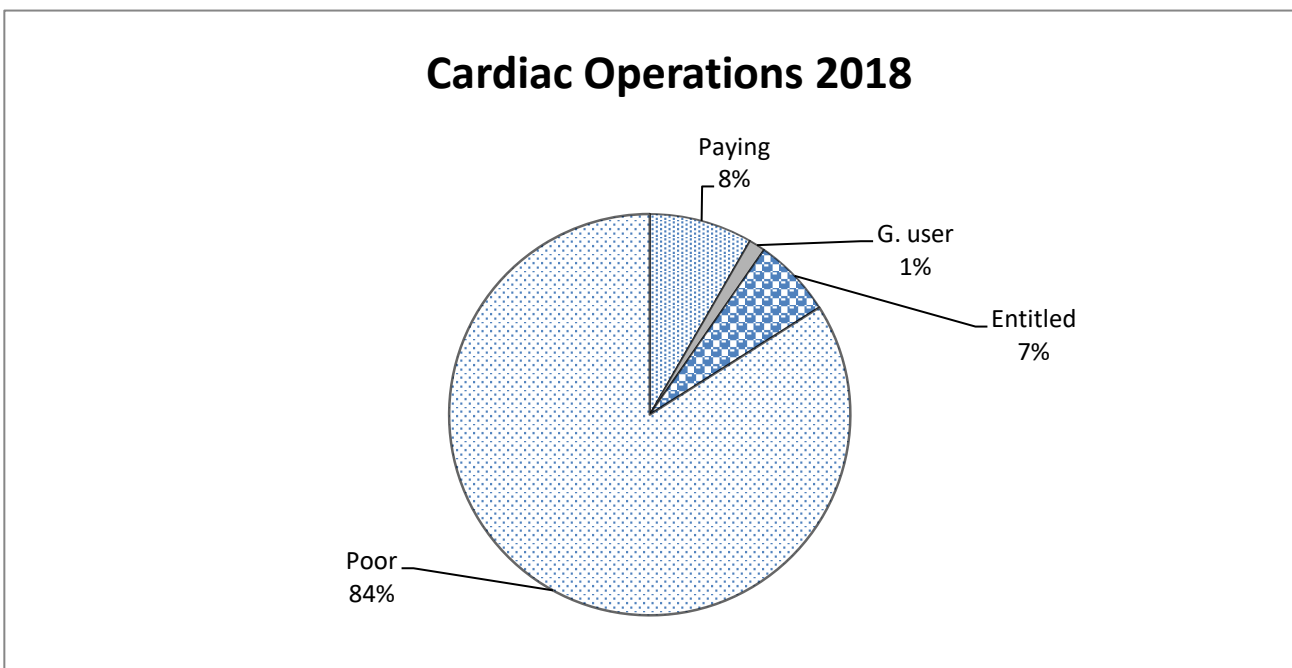
CARDIAC SURGICAL PROCEDURES -2018

Name of procedure	CABG	CABG + MVR	CABG + AVR	MVR	DVR	AVR	ASD Closure	PDA ligation	OTHERS	Total
No Of Surgeries	577	10	7	169	62	39	51	28	342	1285



CATEGORY WISE CARDIAC OPERATIONS-2018

Patient's Category	Paying	G. User	Entitled	Free	Total
No. of Operations	107	17	82	1079	1285



DIAGNOSTIC SERVICES REPORT

PATHOLOGY DEPARTMENT

The Department of Pathology started functioning in August 2008. Total Number of tests performed up to December 2018 is as follows:

Year	2013	2014	2015	2016	2017	2018
No. of Tests Performed	427471	438805	461442	462910	679976	720348

Following is brief description of functioning of the Pathology Department of the hospital.

Department of Pathology is running with four sections (Hematology, Clinical Chemistry, and Microbiology and Computer Section). All Section are working with a supervisor and a section In charge. Emergency section is being improved for which the demand for additional equipment's and necessary staff has been submitted. Frame work of emergency section has been prepared and necessary staff is awaited.

Following equipment's are working in the related sections:

1. Hematology

- Sysmax- KX21, 3 parts differential
- Swelab – Alpha 3 parts differential
- Medonic m20, 3 parts differential
- Abacus5, differential
- Humased 20 (5 units) ESR reader
- Huma clot pro – fully automated
- Huma duo plus- semi automated
- Sysmax CA-500
- Coagulation analyzer- Chemistry section

2. Routine Chemistry Analyzers

- Olympus AU400 (Fully automated)
- Humalyzer 3500 (semi automated)
- Daytona plus- Randox (fully automated)

Electrolyte Analyzers

Cobas b121 (ROCHE- 4Units)

- Easylite (Meditec)
- Humalyte plus (Human)
- Flame photometer
- Easylyte (Medica USA)

3. Special Chemistry Section

- Cobas e 411 (roche)
- Advia centaur XP (Seimens)
- Elisa Reader & washer (SEAC)
- Elisa plate reader (Fully Automated)

4. SAMPLE MANAGEMENT DEPARTMENT (SMD)

Centrifuge

- Unicen 21 (04 No)
- Pro hospital (02 No)

5. Blood Gas section

- Cobas b121 (3)
- Easy state (1)
- Technomedica with Lactated / Glucose (1)

Pathology Department is also providing internship training to B.Sc students in form of different faculties in microbiology, Physiology, Biochemistry, Medical Lab Technology and for it, is affiliated with the following Universities/Colleges are:

1. University of Agriculture Faisalabad
2. Govt. College University Faisalabad
3. Faisalabad Medical College Faisalabad
4. Women University Faisalabad.

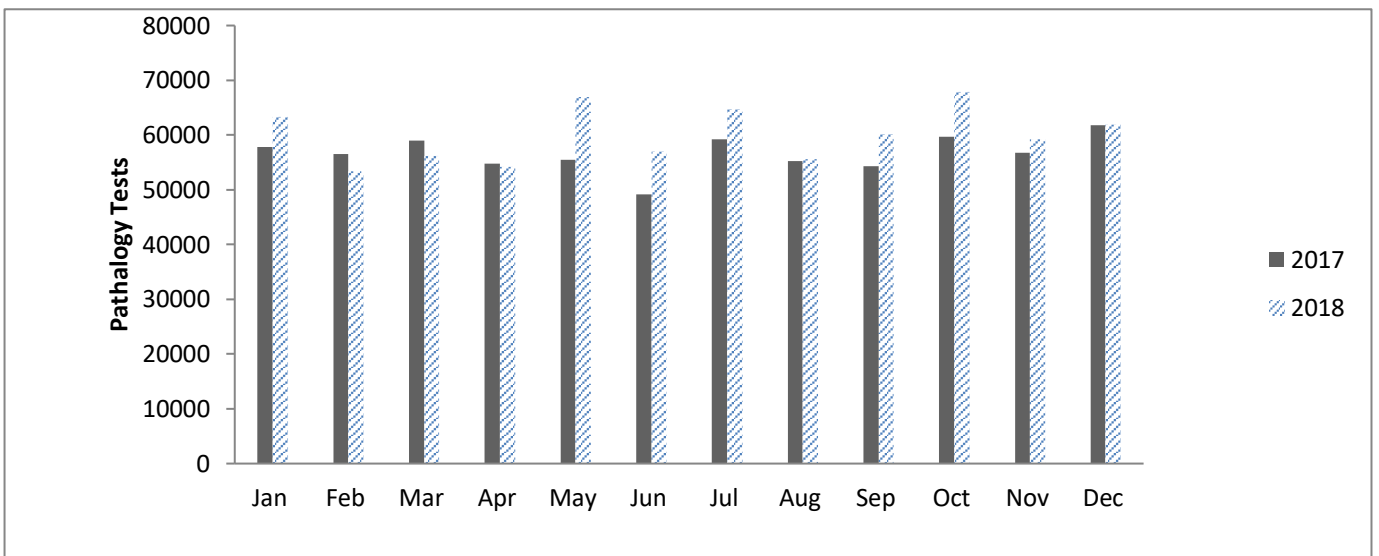
Future Plan:

- In the coming year all sections of Lab will be upgraded.
- Academic activities for technical education of paramedical staff regarding techniques, quality control and background knowledge would be re-organized including evaluation of the learning by paramedical staff.
- External quality assurance programmed will be started with the help of AFIP Rawalpindi.
- Old coagulation analyzer CA 500 Sysmex, plasma photometer to be discontinued after arrival of new machines routine chemistry, special chemistry & ABG's
- 1SE installation in two routine chemistry analyzer to reduce the error cost and strong issues and to generate the results with and with more accuracy.
- Phlebotomy will be organized as a separate section with 5 phlebotomist and one supervisor.
 - MOU will be signed with institute of allied health sciences Faisalabad. for training for their students. This will also provide us with helping hands.

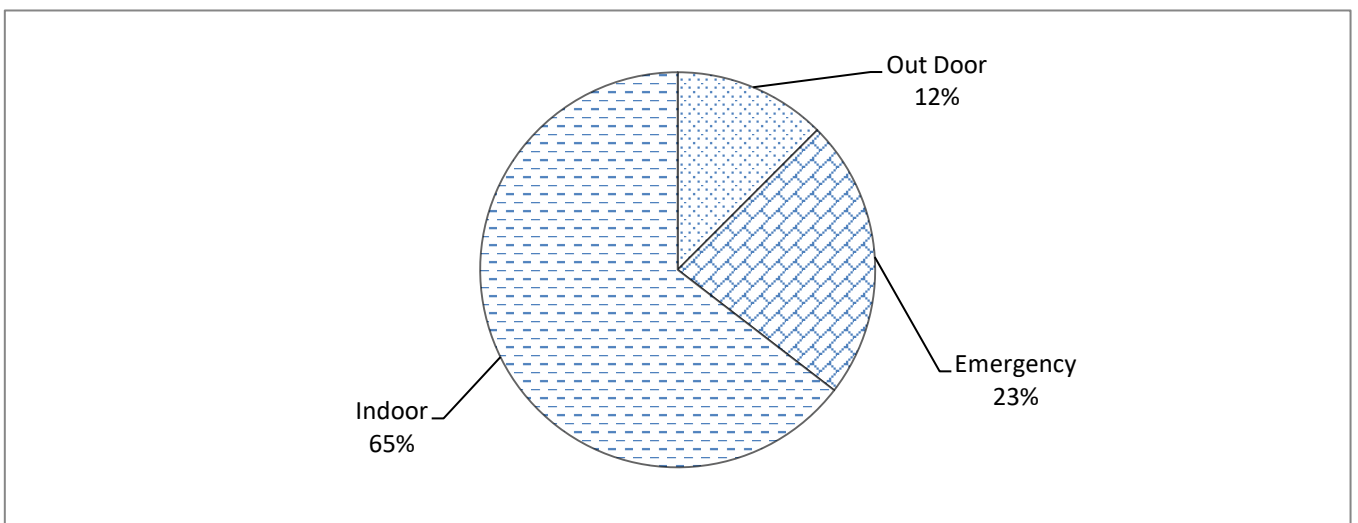
PATIENTS SERVICES REPORT

No. of Pathology Tests 2017-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2017	57809	56502	58987	54817	55514	49193	59211	55303	54327	59689	56798	61826	679976
2018	63331	53356	56137	54148	66950	56991	64679	55637	60184	67884	59185	61866	720348



Categorization of Pathology Services 2018



PROGRESS REPORT PROFORMA IN RESPECT OF MEDICAL SOCIAL SERVICES UNIT

/ FAISALABAD INSTITUTE OF CARDIOLOGY , FAISALABAD.

1. Unit Name: **Medical Social Services Unit Faisalabad institute of cardiology Faisalabad.**
 2. **Annual Progress report From the Month of January 2018 To December 2018**

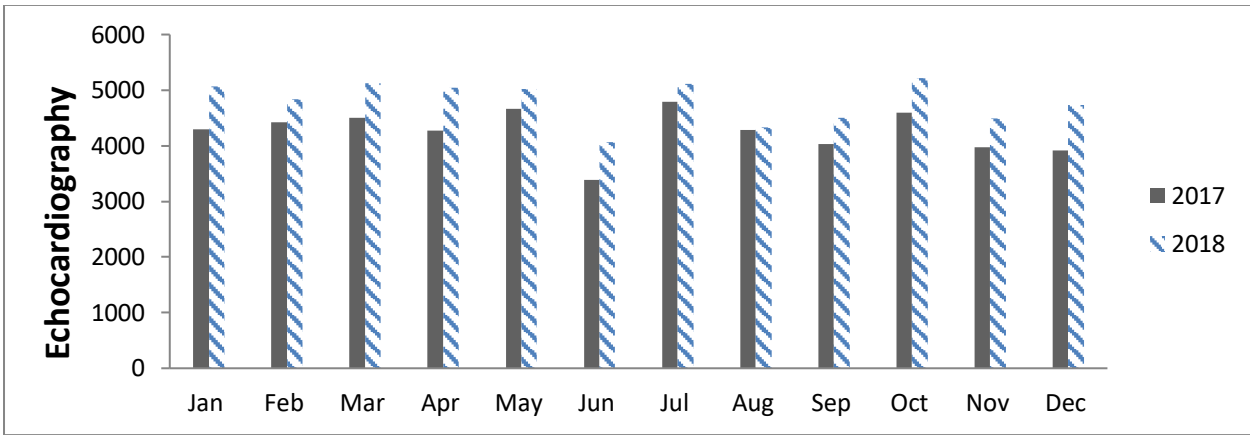
3. Date of establishment of the unit: 01-07-2015
 4. Name of officer in charge: **Miss Asia Faqir Hussain**
 5. Date of posting: 01-09-2015
 6. Contact No. of officer in charge: Office Phone No. **041-9201510**
 Cell No. **0321-6097962** Email Address:

7	INFORMATION REGARDING SERVICES OF Unit		No. of Beneficiaries quarterly	
a.	No. of case histories prepared		532	
b.	No. of lectures delivered to Patients		214	
	Medical Social Work	Community Health	Polio	
		16	06	
	Category change Performa completed		831	
d.	No. of ward visited		307	
e.	No. of patients who benefited/guided and completed Performa			
f.	No. Of Application Completed		938	
	1. Angiography		757	
	2. Angioplasty (PCI)		24	
	3. Permanent Pace maker (PPM)		135	
	4. PTMC		18	
	5. CABG		30	
	6. Graph Study / MVR		14	
	7. cardiac catheterization		03	
	Services rendered through Heart Savers Foundation			
g.	Balance in account of HSF in Rs.		3311893.00	
h.	Previous balance in the account in Rs.		3454261.00	
i.	Funds granted annual in Rs.		6817000.00	
j.	Utilization of funds within annual in Rs.		6759368.00	
k.	No. of beneficiaries benefitted from this fund		3271	
l.	Date of last election		21-09-2016	
m.	No. of meetings held annual		30	
n.	Item	Quantity	Amount	No. of beneficiaries
	Expiry sheets		500000/-	3075
	Catheter		982000/-	
	Wheel Chairs		585000/-	
	Sitting Benches		350000/-	
	Diagnostic Catheter	1000	2100000/-	
	Filter FC Wire		220000/-	
	Water Dispenser		175000/-	
	Seating Sofa	25	225000/-	
	Mini Beds		300000/-	
	Surgical Steel Wire	100	100000/-	

	Angio Plasty Rings Insulin Disprine	8 480	304000/- 26000/- 20000/-	
o.	Pakistan bait-ul-maal		-	
p.	Funds received in Rs.		-	
Q	Utilization of funds within annual in Rs.		-	
R	No. of patients got assistance from PBM		-	
S	Punjab bait-ul-maal		-	
T	Funds received in Rs.		-	
u	Utilization of funds within annual in Rs.		-	
	No. of patients got assistance from PBM			
	Health welfare committee(HWC)			
V	Grant in aid received annual in Rs.		6000000/- 1500000/- (Received in the month of December 2018)	
W	No. of patients got benefitted from zakat funds(beneficiaries)		56	
x	Fund of Utilization for the annual in Rs.		5960000-00	
y	No. of meetings of HWC held annual.		26	
z	Initiatives taken by the MSO for the betterment of the services		. Provision of free troponin i/t ict method tests in emergency.	
	Misc Activities.		1.Guided catheter arrange for the poor patients. 2. Expiry white sheet arrange for expiry patients. 3.water supply. 4.Anti dengue awareness in walks. 5.Anti dengue awareness in seminars. 6 Phumplet distributed polio awareness . 7.celebrated independence 14 august 2018	

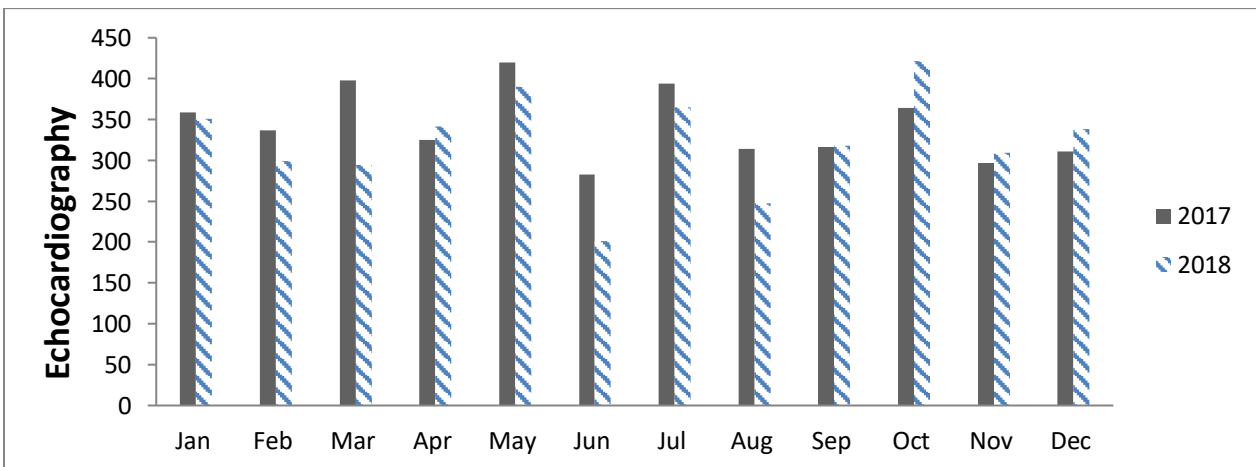
PATIENTS SERVICES REPORT
ECHOCARDIOGRAPHY 2017-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2017	4298	4426	4501	4273	4662	3390	4796	4283	4032	4595	3976	3913	51145
2018	5065	4836	5123	5043	5026	4062	5113	4329	4499	5217	4495	4736	57544



PAEDS. PECHOCARDIOGRAPHY 2017-2018

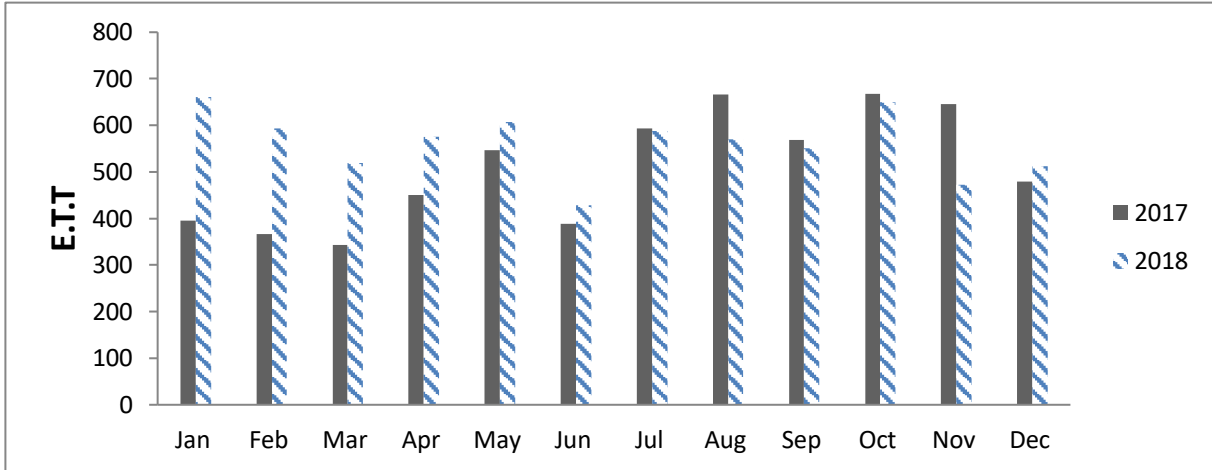
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2017	359	337	398	325	420	283	394	314	316	364	297	311	4118
2018	351	299	294	341	390	201	365	247	318	421	309	338	3874



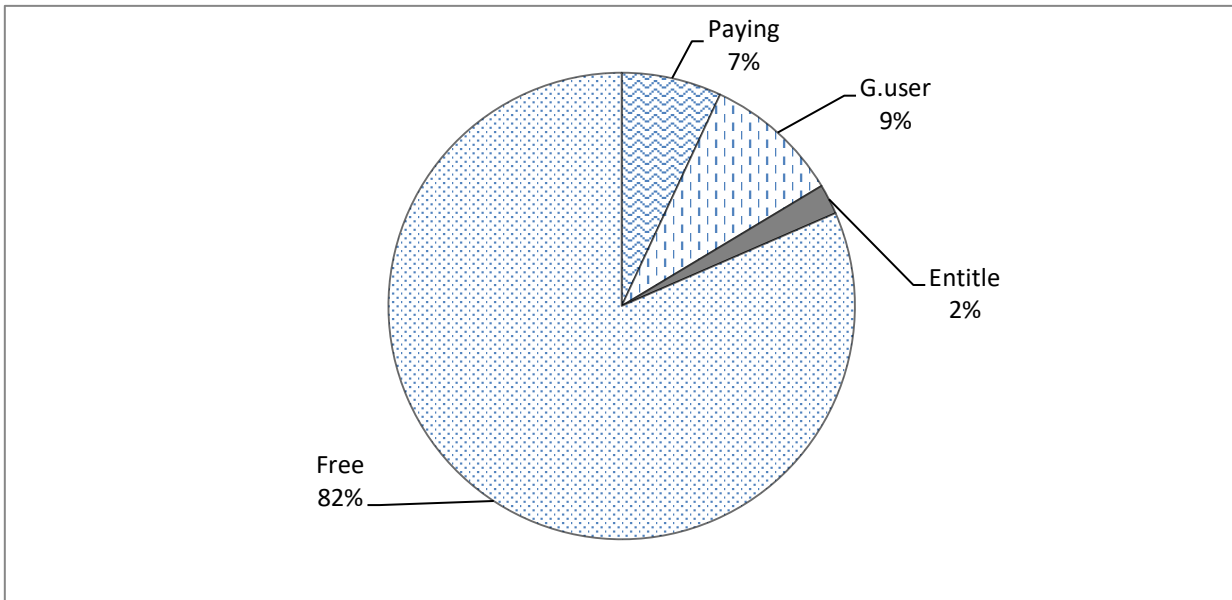
PATIENT'S SERVICES REPORT

E.T.T 2017-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2017	395	367	343	451	547	389	594	666	569	667	645	480	6113
2018	661	594	519	576	607	428	588	570	551	650	473	513	6730



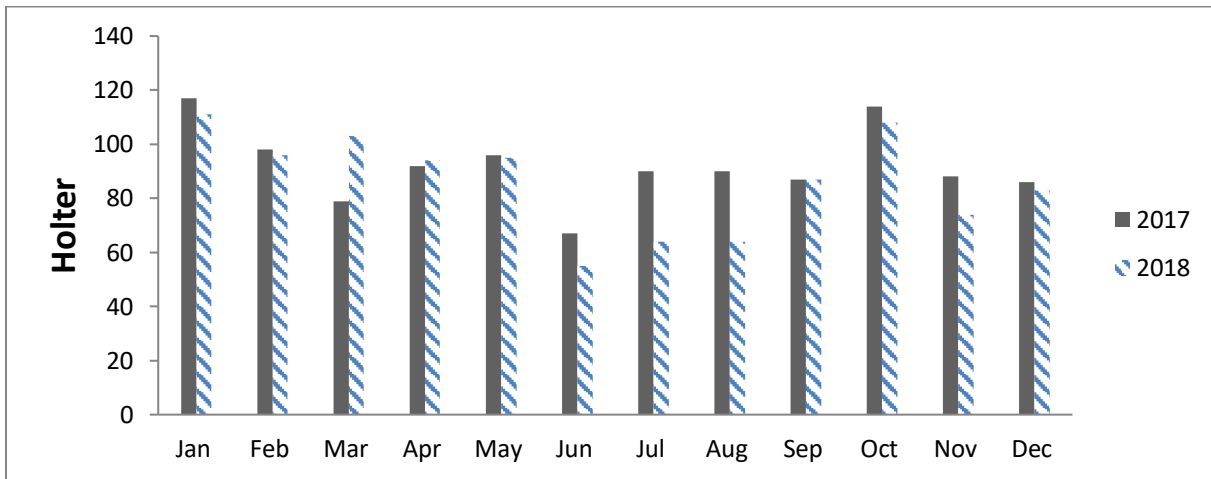
Category Wise E.T.T 2018



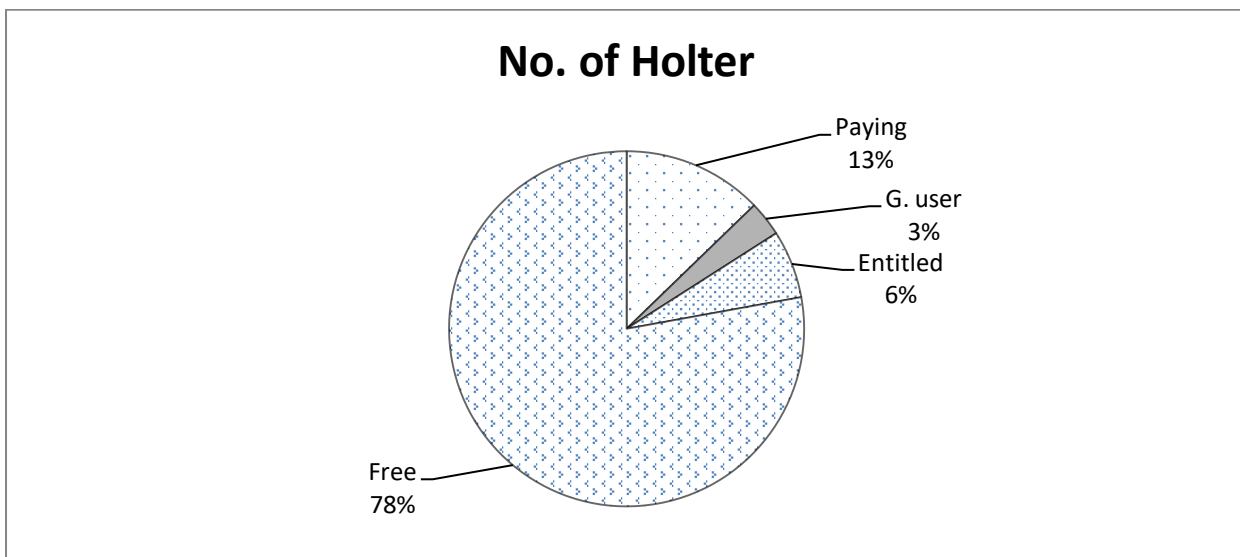
PATIENTS SERVICES REPORT

Holter 2017-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2017	117	98	79	92	96	67	90	90	87	114	88	86	1104
2018	111	96	103	94	95	55	64	64	87	108	74	83	1034

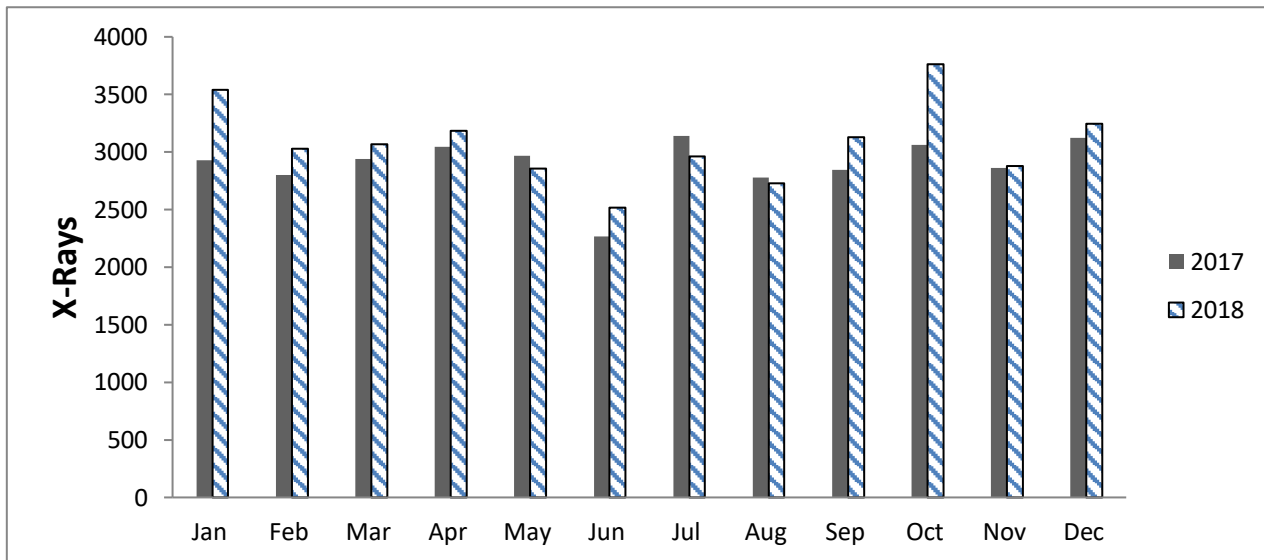


Category Wise Holter-2018



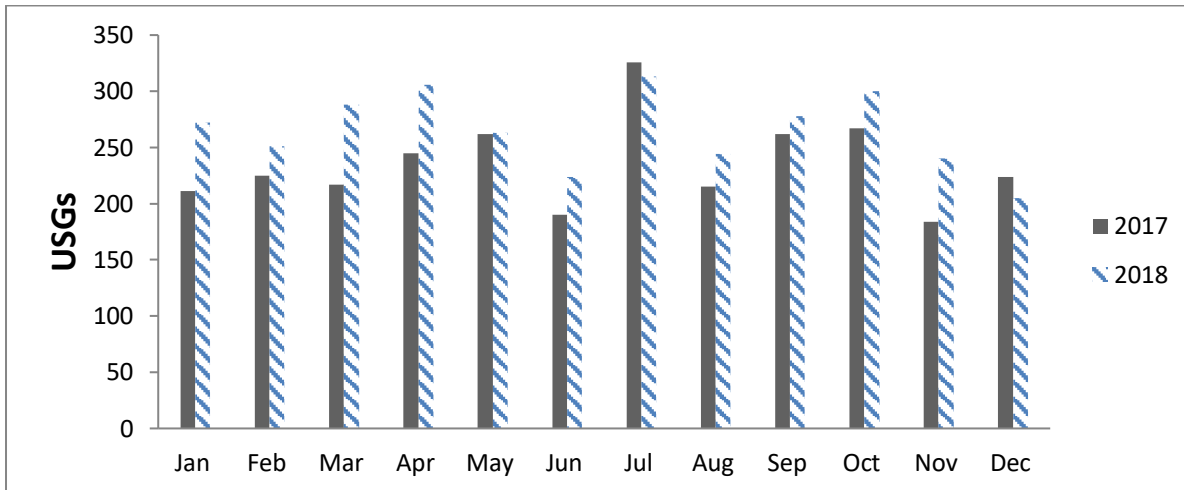
PATIENTS SERVICES REPORT
RADIOLOGY DEPARTMENT 2017-2018
X-Rays

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2017	2926	2800	2937	3045	2966	2267	3139	2780	2846	3062	2860	3123	34751
2018	3540	3027	3066	3181	2854	2515	2959	2729	3130	3762	2879	3245	36887

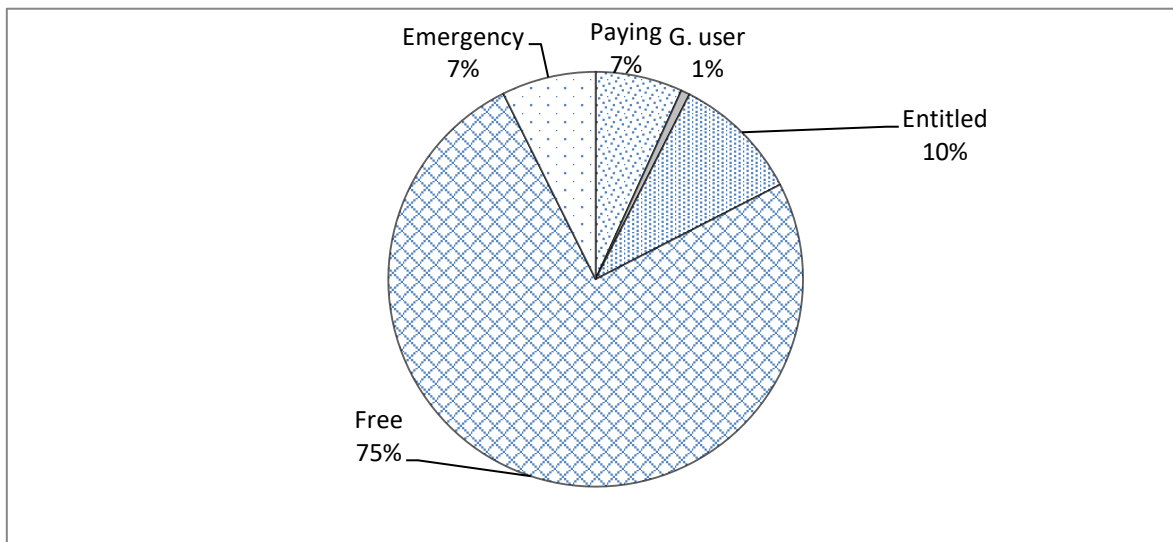


PATIENTS SERVICES REPORT
RADIOLOGY DEPARTMENT
USGS 2017-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2017	211	225	217	245	262	190	326	215	262	267	184	224	2828
2018	272	251	288	306	263	224	313	244	278	300	240	205	3184



Categorization of USGs Services 2018

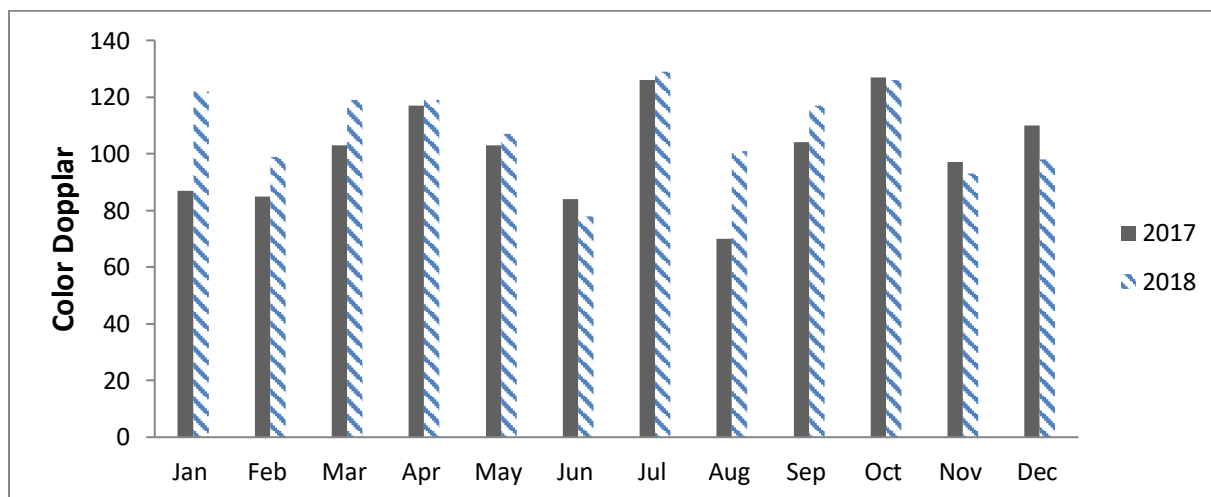


PATIENTS SERVICES REPORT

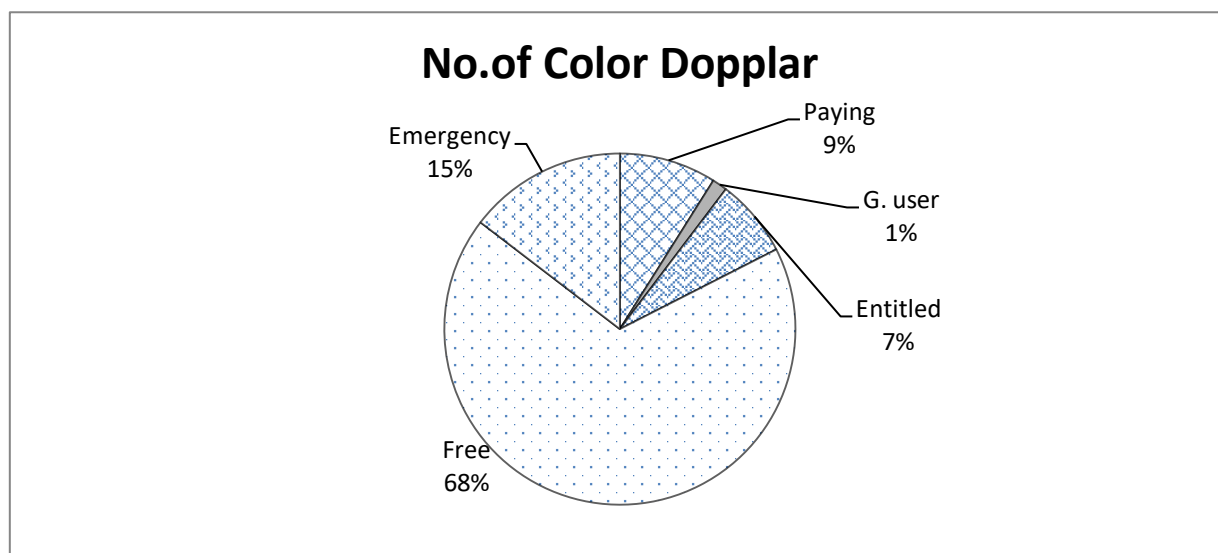
RADIOLOGY DEPARTMENT

Color Doppler 2017-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2017	87	85	103	117	103	84	126	70	104	127	97	110	1213
2018	122	99	119	119	107	78	129	101	117	126	93	98	1308



Categorization of Color Doppler Services 2018



BLOOD BANK

The Blood Bank Department of this institute equipped with the latest models of Blood storage Bank cabinets, Plasma Freezer and Cryocentrifuge machine for the separation plasma, PCV and platelets.

The safe blood is being supplied not only to the patients of Faisalabad Institute of Cardiology but also Thalasscima center DHQ Hospital Faisalabad after standard procedures of grouping and cross matching of blood including assessment of the fitness of donors and the screening for Hepatitis B, C , HIV, VDRL and malaria parasite.

Progress During the 2018 is as under:

BLOOD BANK, FAISALABAD INSTITUTE OF CARDIOLOGY, FAISALABAD				
BLOOD TRANSFUSION DATA-2018				
01. Total No. of Requisitions Recorded		2077		
02. Total No. of donors Bleed		6205		
03. Total No. of bags Supplied		6979		
04. Blood Groupings:-		(i) DONORS	15070	
		(ii) PATIENTS	2079	
05. Total No. of components prepared		5153		
06. Total No. of cross match		11430		
07. Total No. of bags discarded		19		
08. Total No. of bags donated to D.H.Q Hospital		55		
09. Total No. of phlebotomies		166		
Sr.#	Screening Tests	Tests done	Reactive cases	Percentage (%)
I	HBVs Ag	9212	479	5.20
li	HCV	9165	543	5.92
lii	HIV	9019	0	0.00
IV	MP	9389	13	0.14
V	VDRL	7810	315	4.03
10. Details of Donors Blood Groups:-				
Sr.#	BLOOD GROUPS	POSITIVE	NEGATIVE	
I	A	3541	944	
li	B	3498	665	
lii	θ	3498	789	
Iv	AB	2178	480	

INSTRUMENTS

- Cell Separator (Rotanta 460R)
- Platelet Agitator (Helmer)
- Plasma Extractor
- Plasma Therm (Barkey)
- Centrifuge (EBA-20)
- Component storage Refrigerator (Dometic BR 410 G)
- Plasma storage Refrigerator (Dometic FR 490 G)

FUTURE PLAN:

- To start value added services like a pheresis to provide platelet mega unit, Plasma exchange and RBC exchange
- To open its services for public on private basis
- To continue training and education of staff working in the department
- To shift screening of HBV, HCV, HIV tests to ELISA.

NUCLEAR CARDIOLOGY DEPARTMENT

Nuclear Cardiology Department started work in August 2011. The Nuclear Cardiology department offers a wide spectrum of non-invasive tests for diagnostic and prognostic evaluation of patients with cardiovascular disease.

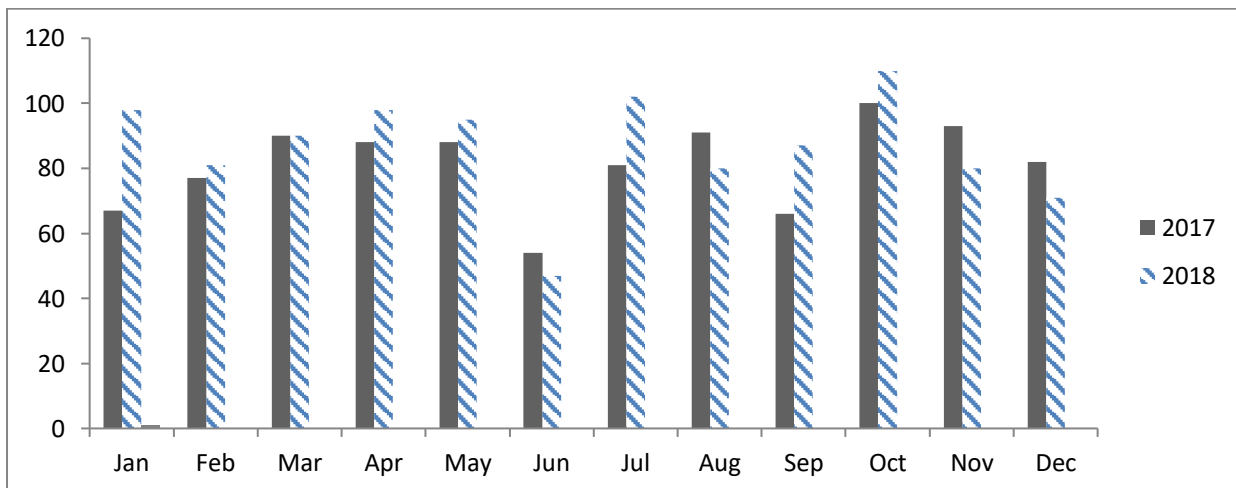
The department performs myocardial perfusion scans, using both physical and pharmacological stress techniques. Tc-99m MIBI are being used for myocardial perfusion imaging (MPI). We perform myocardial perfusion scans (stress/ rest) for the detection and management of coronary artery disease and to evaluate the coronary blood flow, viability study to assess for the extent of myocardial infarction.

The department is equipped with a state of the art dual head dedicated cardiac SPECT Gamma camera system (Cardio MD III).

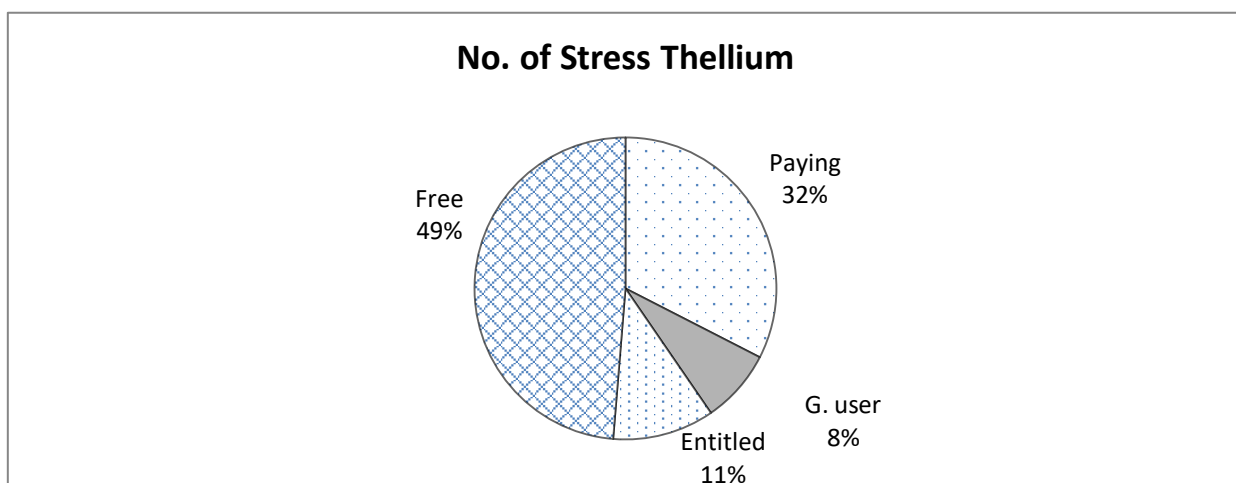
PATIENTS SERVICES REPORT

Stress Thallium 2017-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2017	67	77	90	88	88	54	81	91	66	100	93	82	977
2018	98	81	90	98	95	47	102	80	87	110	80	71	1039



Categorization of Stress Thallium Services 2018

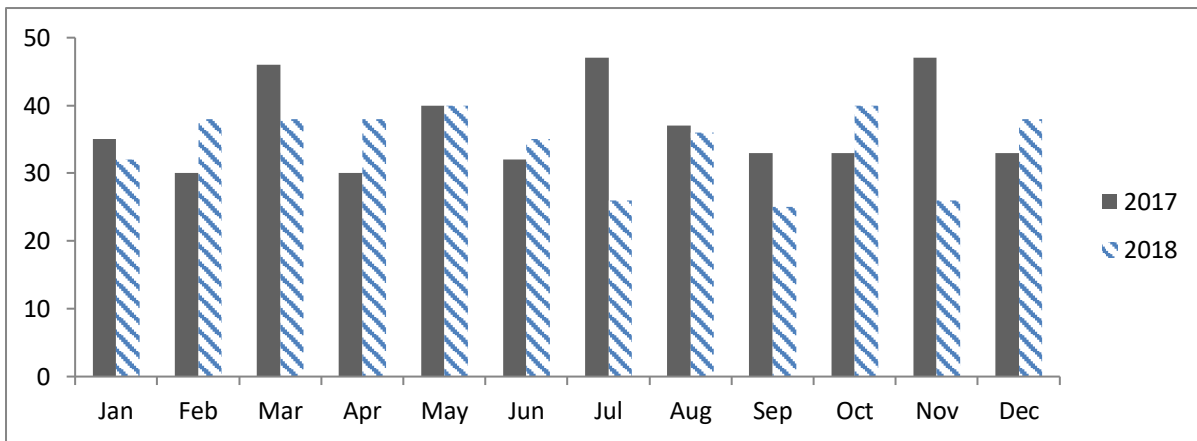


PATIENTS SERVICES REPORT

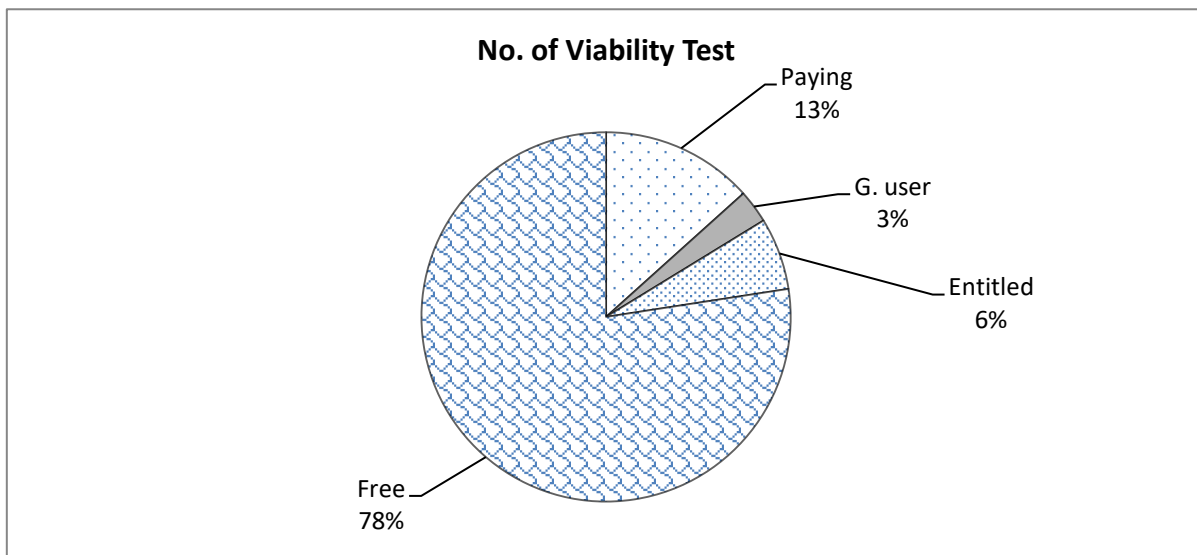
NECLAR CARDIOLOGY DEPARTMENT

Viability Test 2017-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2017	35	30	46	30	40	32	47	37	33	33	47	33	443
2018	32	38	38	38	40	35	26	36	25	40	26	38	412

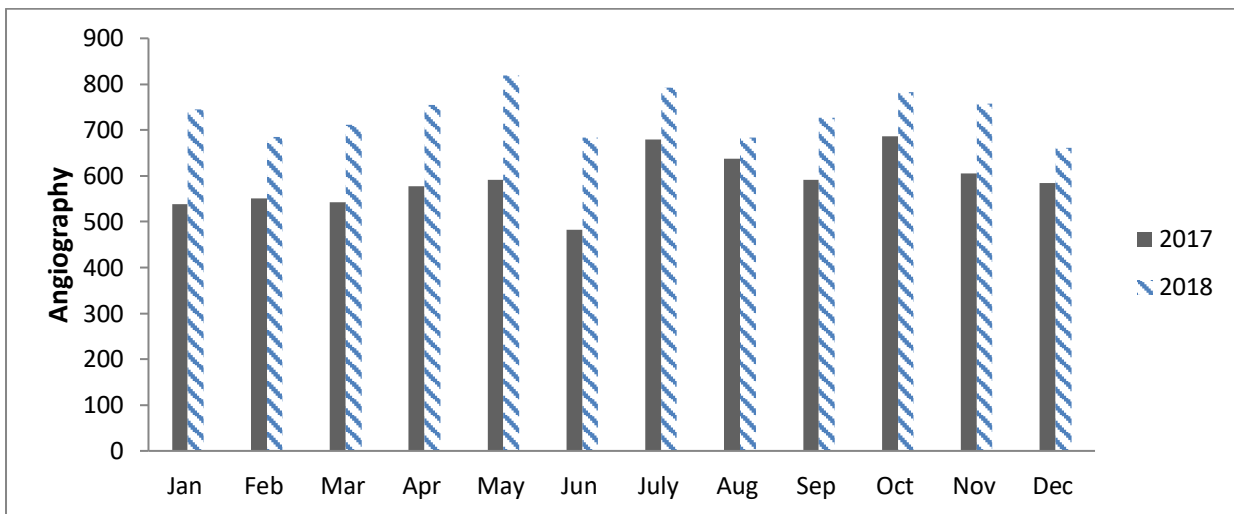


Categorization of Viability Test Services 2018

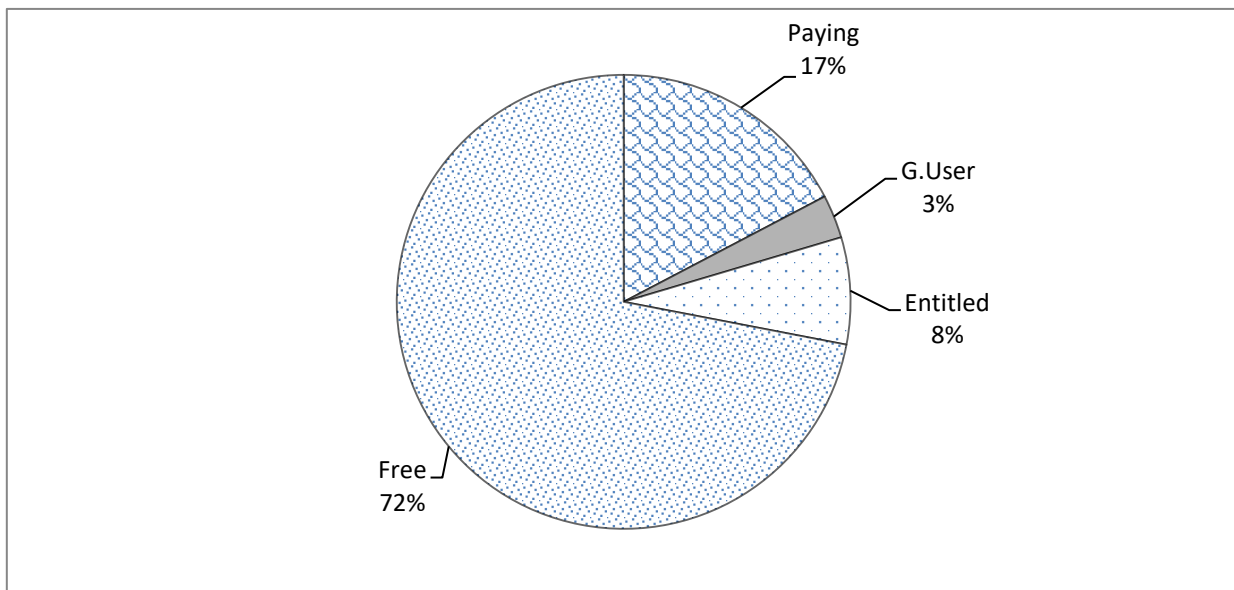


PATIENTS SERVICES REPORT
INTERVENTIONAL CARDIOLOGY DEPARTMENT
ANGIOGRAPHY 2017-2018

Year	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Total
2017	538	551	543	577	591	482	680	637	592	686	605	585	7067
2018	745	685	711	755	819	684	793	683	727	783	757	661	8803

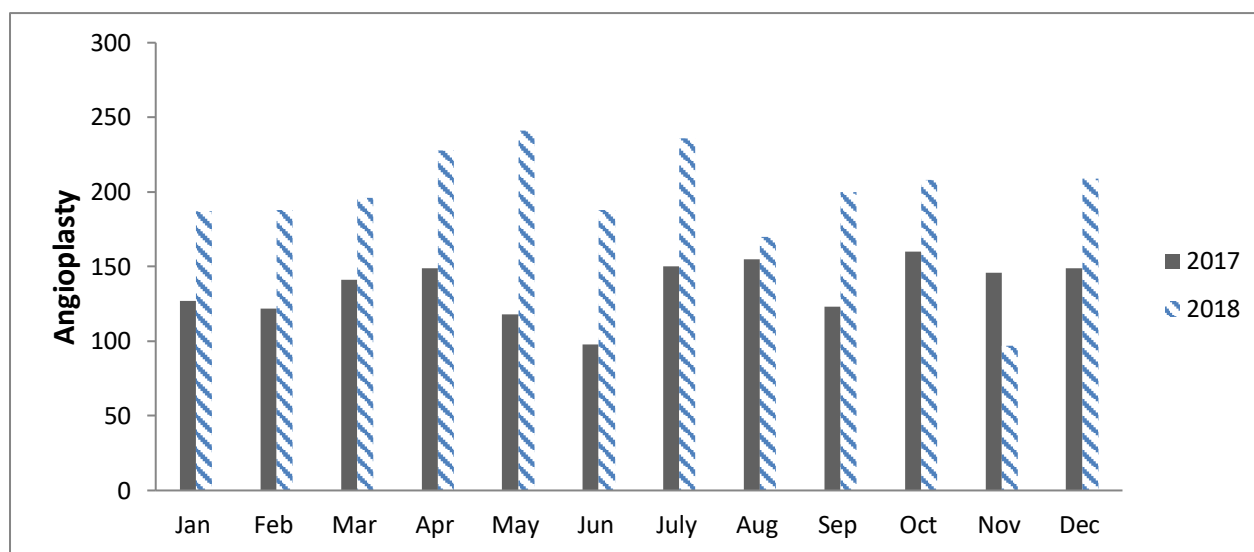


Categorization of Angiography 2018

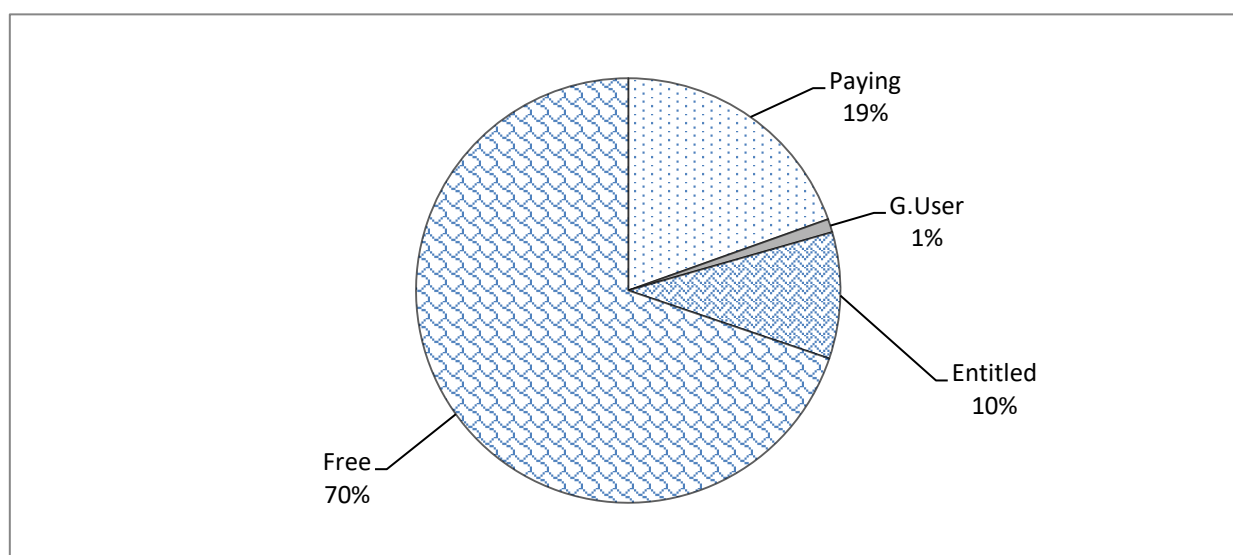


PATIENTS SERVICES REPORT
INTERVENTIONAL CARDIOLOGY DEPARTMENT
ANGIOPLASTY 2017-2018

Year	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Total
2017	127	122	141	149	118	98	150	155	123	160	146	149	1638
2018	187	188	196	228	241	188	236	170	200	208	97	209	2348

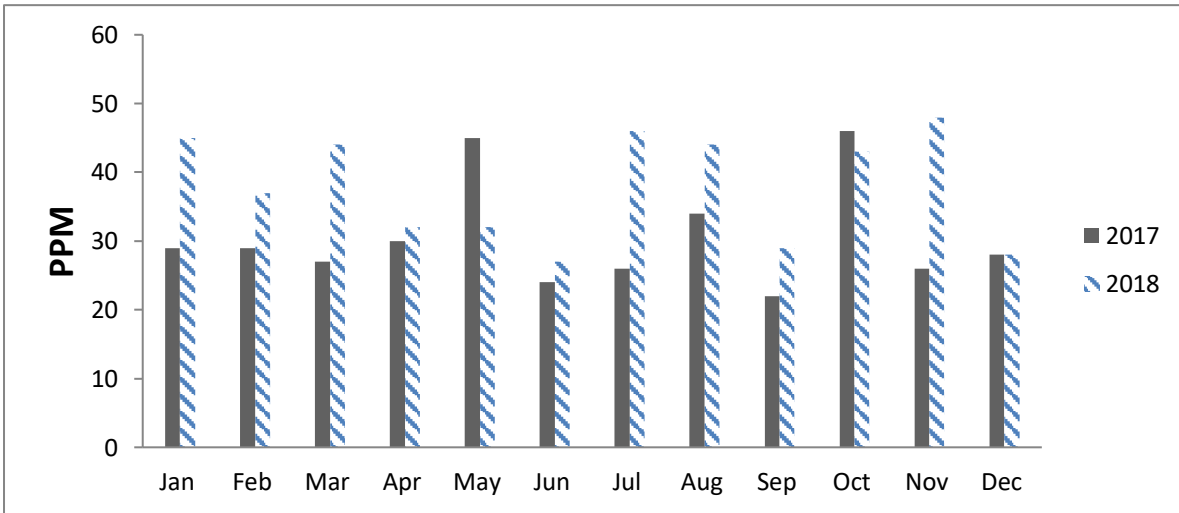


Categorization of Angioplasty Services 2018

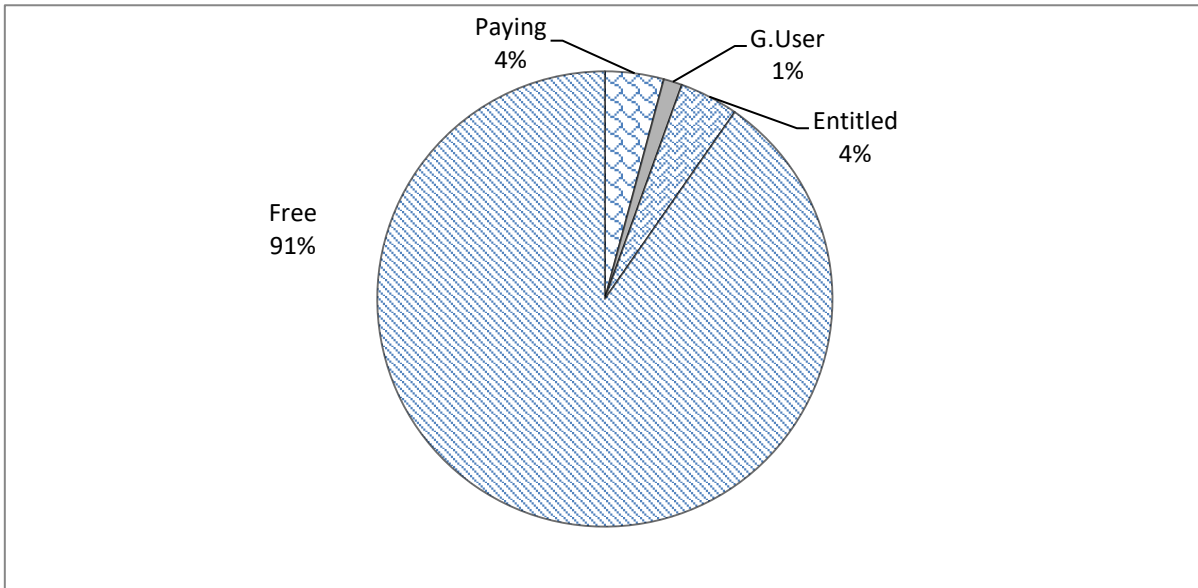


PATIENTS SERVICES REPORT
INTERVENTIONAL CARDIOLOGY DEPARTMENT
PPM 2017-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2017	29	29	27	30	45	24	26	34	22	46	26	28	366
2018	45	37	44	32	32	27	46	44	29	43	48	28	455

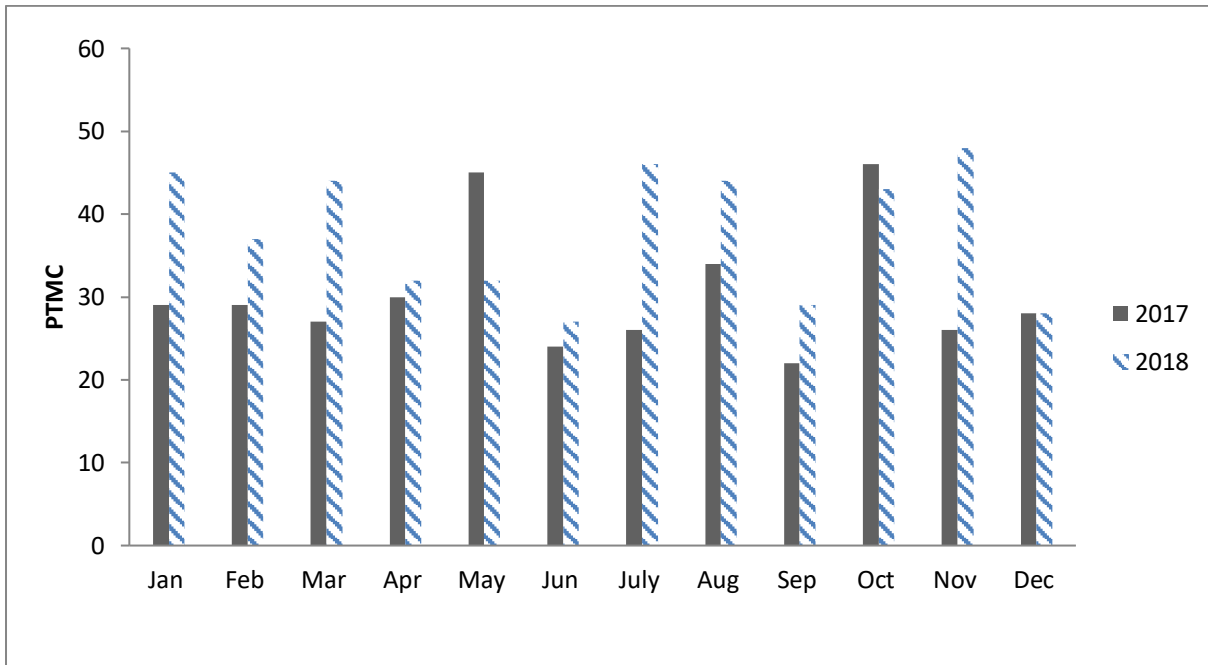


Categorization of PPM Services 2018



PATIENTS SERVICES REPORT
INTERVENTIONAL CARDIOLOGY DEPARTMENT
PTMC 2017-2018

Year	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Total
2017	12	9	7	9	7	2	7	11	5	15	5	6	95
2018	13	12	14	16	20	7	13	8	8	15	8	6	140



STATISTICS DEPARTMENT

- Statistics Department is started its working in December 2009. Update all indoor outdoor patients' record, collects data from various wards/departments analysis and generate daily, monthly, and annual progress reports, which are helpful in budgeting, management, planning and useful for researchers and medical graduates.

INFORMATION TECHNOLOGY DEPARTMENT

I.T Department of Faisalabad Institute of Cardiology, Faisalabad started its working in May, 2009. The following department's data has been computerized through proper software and database system.

- OPD Registration (New & old patient Records)
- Pathology Lab (All test results are being recorded and reports are generated)
- Account (Payroll module for salary generation)
- Purchase Cell Module (Supply orders, Rate Contracts, Budget Status etc)
- Material Management (Medicine/pharmacy)
- Material Management (General Store)
- Computerization of Patient Category & Cardiac Status (Socio-Economic Status)
- Computerization of OPD Pharmacy (Slips Feeding, Auto Slip generation of Repeat patients, stock Status)
- Computerization of Duty Rosters of Grade-1 to 5
- Computerization of Record Room/SO office Data (Bed Statement, Files In/Out Patients Record)
- Computerization of Diagnostic Module for Echo, ETT, Angiography, Radiology
- Computerization of Indoor Management System.
- Computerization of OT notes
- Computerization of Billing System.
- Computerization of Appointment Module for Invasive and Interventional Procedures
- For Pathology, Radiology, Department we have made online facility to the following departments stepping forwarding towards paper less environment
Emergency, ICU, IICU, CCU-I, CCU-II, Cardiology, Cardiac Surgery, Lab, ICU Online X-Rays
- Attendance & Time Management System.
- Tender Management system for Purchase Cell.
- OPD clinics computerization.

Purchase Cell

The Purchase cell is working in this institute under the Additional Medical Superintendent (Purchase). All the Electro medical equipment's, machineries, furniture, medicines etc. are being purchased through this cell according to Government Policy.

On Panel Departments:

The following departments are on the penal of FIC Faisalabad

1. Pakistan Telecommunication Company Limited (PTCL)
2. Sui Northern Gas Pipelines Limited (SNGPL)
3. National Institute for Biotechnology and Genetic Engineering (NIBGE)
4. National Institute of Agricultural Botany (NIAB)
5. Punjab Institute of Nuclear Medicine (PINUM)
6. Pakistan International Airlines (PIA)
7. Faisalabad Electric Supply Company (FESCO)
8. Civil Aviation Authority (CAA)
9. State Life Insurance.
10. Prime Minister National Health Program.
11. State Bank of Pakistan.
12. Adam Jee Insurance.

Educational Programs:

The institute has started post graduate training program to enhance the capacity building and Specialists training for Medical Officers in field of Cardiology and Cardiac Surgery is performing according to central induction policy of Health Department, Punjab.

The training program /training run under the institution.

- M.D, Cardiology
- M.S, Cardiac Surgery
- Post graduate Training FCPS
- Diploma Cardiology
- B.Sc. Perfusionist.
- Paeds Cardiology Accreditation.

The Institution is providing the training BLS and also the community oriented lectures for people orientation regarding the Heart Diseases.

Achievements

- Registered with Pakistan Medical and Dental Council
- Affiliated with University of Health Sciences Lahore
- Affiliated with College of Physicians and Surgeon Pakistan
- Accredited By PHC (Punjab Health care commission)
- Institute is stepping forward to reduce the incidence of cardiac diseases through awareness regarding risk factors and changing the life style of the peoples through its *Continuous Medical Education Programs (CME)*
- Research facilities in field of Cardiology and Cardiac Surgery
- Training the post graduates doctors in all cardiac specialties
- Training facilities for nurses and paramedics, have started *Basic Life Support program (BLS)*
- Approved PC - 1 For Staff (16 residences) Type C.
- Addition of three Echocardiography Machines
- Queue Management System in OPD Departments
- Biometric attendance system for employees.
- Installation of Echo, ETT and Holter
- Completion of expansion of Emergency Department
- New Academic Block
- Model Pharmacy is operational now
- Emergency Department revamped
- Appreciation to Executive Director, FIC, Faisalabad from Honorable Chief Minister of the Punjab for purchasing of Stunts under the rules & Regulations.
- Renovation of Auditorium
- Renovation of Emergency ward and outfield repair
- New Angiography Machine is added in Angiography Department
- Installation of R.O Plant for drinking water
- Complete civil work Paeds ICU in addition of Paeds Surgery ICU.
- Renovation of Blood Bank.

Future Plans

- Replacement and up gradation for Bio Medical Equipment.
- PC-I form for strengthening of the service for Congenital Heart Diseases
- Provision for coronary CT Angiography Machine
- Construction of Staff Residences (C –Block)
- Provision of new OPD Block.
- Provision of new Cardiology Block (4TH floor).
- PC-1 for construction of new Main Store.

FINANCIAL RESOURCES

The source of financing to this institute is Government of the Punjab, Health Department. The building portion is being executed by the Punjab Communication & Works Department. The non-building portion is being done by the institutional authorities. The breakup of Grant-16 for year the 2017-2018 is given below:-

POSITION OF ALLOCATION AND EXPENDITURE 01.07.2017 To 30.06.2018 (Grant-16)

Sr. No	Head of Account	Allocation Rs.	Expenditure Rs.	Balance Rs.
1.	Employees Related Expenses	504,596,000	490,776,635	13,819,365
2.	Operating Expenses	948,262,207	910,302,221	37,959,986
3	Total Employees Retirement benefit	4,832,000	3,730,714	1,101,286
4.	Grant Domestic	1000,000	0	1000,000
5.	Transfer	40,025,400	39,348,361	677,039
6.	Repair & Maintenance	62,780,000	56,329,813	6,450,187
Total		1,561,505,607	1,500,497,744	61,007,863

Biomedical Engineering Department:

BME department started its working in 2011. The Bio-Medical Engineering Department in FIC has full expertise in engineering and technology management which plays a vital role in determining potential for implementation and cost-effectiveness of new medical technologies in different types of medical equipment which include therapeutic, monitoring, life support, diagnostic, lab equipment and other critical care and cardiac equipment. A state of the art Workshop has been established for onsite service and repair of Medical Equipment. The modern testing equipment's have been installed recently for improvement of efficiency.

The department is meant to provide following facilities with optimum operational efficiency:

- Training of hospital staff in the use and maintenance of equipment.
- Online inventory control of medical equipment.
- Provision of round the clock back up support.
- Ensure Periodic Preventive Maintenance (PPM) and calibration of equipment.
- Repair/maintenance of faulty medical equipment
- Liaison with the manufacturers and suppliers of equipment.
- Assessment/evaluation and recommendations for procurement of suitable equipment.
- Propose specialized test equipment to support Bio-Medical engineering equipment.
- To assist in formulating workshop procedures in this discipline.

Quality Assurance Department

Quality Assurance Department has been working since October 2017. We aim at standardizing healthcare services delivery systems to provide the six components of quality healthcare: safety, effectiveness of care, patient-centered, timely service delivery, efficiency and equitability. The drive of QAD is to provide standard quality health services to patients.