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Operation Theatre Complex

news letter

OBJECTIVES

- TO PROVIDE STATE-OF-THE-ART OPERATION FACILITIES TO THE UNDERPRIVILEGED
- FREE OF COST OPERATION TO ALL NEEDY PATIENTS COMING TO CIVIL HOSPITAL
- POVERTY ALLEVIATION THROUGH GOOD HEALTH AND EDUCATION
- PROFESSIONALLY QUALIFIED HUMAN RESOURCE
- DEVELOPMENT THROUGH TEACHING AND TRAINING FACILITIES
- RESEARCH AND DEVELOPMENT ACTIVITY.

About eleven thousand surgeries of worth rupees 250 million approx have been performed in different disciplines in the OT Complex.

Dowites'78 Operation Theatre Complex A Unique Enterprise

The concept of developing an operation theatre complex by the 1978 graduates of the Dow Medical College has proved to be better than the dream itself. As the counter of all zero cost surgeries for the patients is increasing, the prospect for even better treatment of poor patients is also on the rise.

About eleven thousand surgeries of worth rupees 250 million approx have been performed in different disciplines in the OT Complex. This has been achieved through the combined effort of the Civil Society and Dowites Operation Theatre Welfare Society which includes the philanthropists whose unconditional support has carried the project through. Despite many hard times, the sympathetic corporate and the untiring team has all

earned their place of honor in this project.

Out of total number of fourteen theatres, thirteen are functioning, six in the capacity of general surgery, two under ophthalmology, two for ENT and three of specialist surgeries. To broaden the horizon of available disciplines and maximize the number of surgeries, we wish to see all theatres functioning, for which we need funds to meet requirements like the purchase of theatre tables and other related machinery and equipments.

The hospital administration has been patronizing and supportive. Yet, like the proverbial poor mother, it has thirty-five other children to look after. The financial constraints overwhelm our desire to

Continued on Page 2



Work Performance

The OT Complex became functional on 13th September 2007. Only three operation theaters were commissioned for general surgery cases. Later on three more operation theaters were assigned for General Surgery. In January 2008 ENT surgeries were started in two more theaters

and in February 2008, EYE surgeries started in yet another two theaters. In August 2008 two more theaters were assigned to super surgical specialties viz. Oro-maxillo-facial surgery,

Continued on Page 3

A Unique Enterprise

Continued from Page 1

provide state-of the art quality surgery to the poor patients. This city is known for its God fearing and caring people. It is here that the civil society can step in and share the burden for a better outcome of the poor and the needy that come to Civil Hospital.

The Dowite78 Operation Theater Complex consists of 14 Operation Theatres, each having about 400 sq. ft. space and is attached with an



Prof. Shafiq-ur-Rehman
General Secretary of DOTS

ground diesel reservoir having a liter capacity of 7000 liters.

There are two autoclaves working in the Central Sterile Supply Department (CSSD), but to economize the cost of disposables, installation of Ethylene Oxide plant is required. Outsourcing of HVAC system, biomedical department, telephone exchange, security, closed circuit television - CCTV cameras, maintenance of

elevators and the presence of high tech staff is all possible at reasonable expense. The supplemental in- house janitorial department to keep the complex immaculate also needs further support.

An auditorium with a seating capacity of 200 is built on the third floor of OT Complex. Live demonstration of surgical procedures from any of the OTs can be performed with two way audio communication between the surgeon in the OT and audience sitting in the auditorium. The O.T. Complex has conducted more than 35 seminars and live surgical conferences, workshops, teaching session, lectures and monthly clinical



Surgery in Progress

anesthesia induction room, scrub area, exit lobby and a store. Operation Theatres have been equipped with requisite modern equipments. Medical gases and suction are centralized. All operation theatres are equipped with the modern Heat Ventilation Air Conditioning (HVAC) system units having antibacterial filters and 6 air changes per hour. The system is in line with international standards. The recovery area, consists of two suites and is located between the two wings of theatres. It has a capacity to manage 21 post operative patients at a time. Continuous service for ongoing surgery has become possible with the provision of 450 KVA Diesel power generator along with an under



Recovery Suite



CSSD Department

meetings, that were attended by students, doctors, and both national and international delegates.

In future we plan to connect OT Complex with the rest of the medical world using high speed internet for two way interactive conferences and training of surgeons at their work places or homes. An ophthalmologic diagnostic suit and an Endoscopic suit are going to become functional soon. Building of this mammoth project was an uphill task; its continuous functioning is a challenging job and a unique experience.

Work Performance

Continued from Page 1

Plastic surgery, pediatric surgery and vascular surgery. Presently out of 14 theaters 13 theaters are functional. The number of surgeries performed till 31st May 2009 has exceeded 10,852.

Surgeons from six general surgery units, ophthalmology unit II, ENT unit I & II, Oro-maxillo-facial unit, Pediatric surgery unit, Plastic and reconstructive surgery unit, Vascular Surgery unit and Neurosurgery unit are operating at Dowite78 operation theatre Complex.

Out of the 10,852 patients, 1684 were Minor surgical procedures, 7578 were major surgeries and there were 1590 extra major Surgeries.

Some of the special cases done by the ENT department included FESS, Ear reconstruction, Tympanoplasty, Myringoplasty, Mastoidectomy, Laryngectomies and Radical Neck dissection. Attention-grabbing cases of the Eye department, requiring special skill included Evisceration, DACE, indirect laser ptosis surgery, vitrectomy, keratoplasty and retinal detachment. Special emphasis has remained on posterior chamber surgery. The team of plastic surgeons did some special cases like palatoplasty, rhinoplasty grafting and BRACA I & II. A number of the special cases of vascular surgery were repair of major arteries and nerves, endarterectomy, femoro-poplited Bypass grafts of major arteries, and abdominal aortic aneurysm resection. The department of pediatrics surgery did a few special cases like arterovenous fistula Braca 1, DP flap rotation & IMF and poswillow Bone hook technique.

Out of the total number of 5973 cases of all six department of surgery, some of the cases requiring special surgical skills included Anterior resection, Laproscopic APR, Oesophagectomies, Radical gastrectomy, Gastrojejunostomies, hepatojejunostomies, spleenectomies, Mastectomies and Hepatic lobectomies a few to mention among many others.

We are proud to say that we have a team of highly qualified and dedicated surgeons. Our surgeons have saved a huge financial burden of

the patient by providing excellent and highly technical services at Dowite78 OT Complex, Civil Hospital Karachi. That is at par with any of the posh private hospital of Karachi.



Table 1
Number of General Surgery cases from 13th September 2007 to 31st May 2009

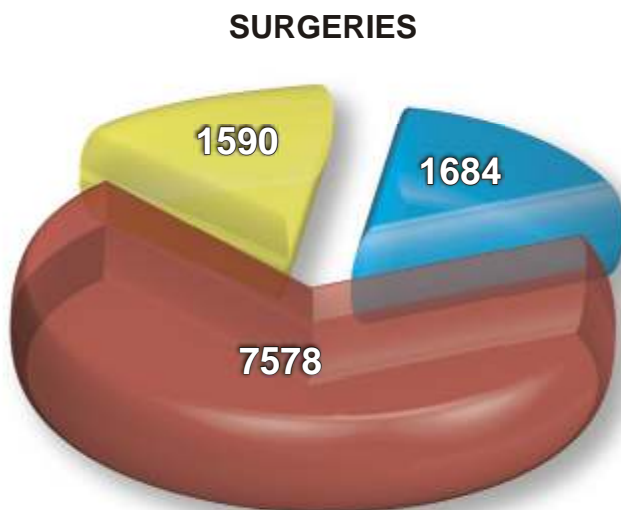
	OT-01	OT-02	OT-03	OT-04	OT-05	OT-06	Total
SU-I	206	190	210	151	172	213	1,142
SU-II	140	192	184	162	170	198	1,046
SU-III	164	193	211	134	132	147	981
SU-IV	176	196	185	151	163	132	1,003
SU-V	151	151	155	141	138	139	875
SU-VI	115	157	178	172	136	168	926
Total	952	1,079	1,123	911	911	997	5,973

Table 2
Number of Eye and ENT surgery cases from 6th February 2008 to 31st May 2009

	OT-08	OT-09	OT-10	OT-11	OT-12	Total
ENT-I	0	1	440	568	1	1,010
ENT-II	0	0	459	546	3	1,008
EYE-II	958	470	0	0	0	1,428
Total	958	471	899	1,114	4	3,446

Table 3
Number of special surgery from 4th August 2008 To 31st May 2009

	OT-06	OT-07	OT-12	OT-13	OT-14	Total
Neurosurgery	1	3	0	0	0	4
Oro-maxillo-facial Surgery	0	0	17	62	50	129
Pediatric Surgery	0	0	65	235	198	498
Plastic Surgery	0	3	78	278	207	566
Vascular Surgery	0	0	32	109	95	236
Total	1	6	192	684	550	1,433



- Minor Surgeries
- Major Surgeries
- Extra Major Surgeries



Human Resource Development



One of the objectives behind building of a state-of-the-art Operation Theatre Complex was to produce quality human resources through teaching and training of doctors and paramedical staff. To realize this objective, Dowites78 Operation Theatre Welfare Society - DOTS built a 200

seating capacity auditorium the first in Civil Hospital Karachi, on the third floor of Dowites78 OT Complex. It has a two-way audio visual connectivity from all 14 operation theatres. A projector with an electronic screen was donated by Dow University of Health Sciences along with 200 fine quality auditorium chairs. Mrs. Kauser Pervez was kind enough to donate three LG - LCD screens for the better view of the audience sitting at a distance.

TRAINING

Hands on workshops
Workshops
Surgical Tutorials
Theatre Skills

TEACHING

Seminars
Clinical Meetings
Lectures
Presentations

TRAINING

1. HANDS-ON-WORKSHOPS

- Head & Neck Surgical Oncology Conducted by ENT Department in March 2007.
- Recent Trends in cleft lip & palate Management by Plastic Surgery Department on 22-24 May 2007.
- Modern Techniques in Hypospadias Surgery by Plastic Surgery Department on 31 March & 1st April 2008.
- Head & Neck Surgical Oncology by ENT department on 28-30 March 2008.
- Reconstructive Head & Neck Surgery by ENT Department on 12th November 2008.
- Laparoscopic Hernia Repair by General Surgery Department on 9th to 11th April 2008.

2. WORKSHOPS

- Radiology Workshop by MedInByte on 22nd April 2008.
- Personal Development in the competitive world of medicine by PMA on 13th December.
- OSCE by Department of Gynae and Obs on 9th August 2008.
- How to write a CV? By IFMSA On 14th August 2008.
- Electives: Why & how career options by IFMSA 15th August 2008.

3. SURGICAL TUTORIALS

- Recent advances in oncology by Department of Surgery 19th April 2008.

4. THEATRE SKILLS

TEACHING

1. SEMINARS

- Multidisciplinary Approach in treating Breast cancer by Surgical Faculty on 26th of June 2007.

- Needle sticks injuries by B-Braun on 19th September 2007.
- GIT by Medinbytes on 12th July 2008.
- Chest and CVS by Medinbytes on 26th July 2008.
- Genitourinary system by Medinbytes on 2nd August 2008.
- Head and Neck by Medinbytes on 30th August 2008.
- Iodine deficiency by CDGK on 17th February 2009.
- Series of Seminars on Research Methodology by Medinbytes on March 21, 25, 28 and April 4, 2009.
- Series of Seminars on Unfolding the mysteries of ECG by Medinbytes on March 26 and 31, 2009.
- Swine Flu virus- The new global threat by madinbytes on May 30, 2009.

2. CLINICAL MEETINGS

- Clinical meetings on monthly basis since February 2008.

3. POST GRADUATE COURSES

- 10th Advance Course for the PG's of MRCOG by Faculty of Obstetrics & Gynaecology from 26 Jan-4th Feb 2008.
- 11th advance course for FCPS by Gynae & Obs Department from 25 Nov-4th Dec 2008.
- MOCK for IMM& MCPS PG's by Gynae & Obs unit IV on 25 April 2009.
- TOACS for IMM& MCPS PG's by Gynae & Obs Unit II on 30 April 2009.

4. LECTURES

- Recent advances in oncology by Surgical Faculty on 22 March 2008.
- Benazir Bhutto Shaheed Youth Development Program by CHK Administration from 15-27 Sep 2008.
- Benazir Bhutto Shaheed Youth Development Program by CHK Administration from 7-13 Oct 2008.

5. PRESENTATION

- Introduction of Endoscopy product by Universal Enterprises on 23 November 2007.
- Role of Phlogenzym in Arthritis Management by Pacific Pharmaceuticals on 08 February 2008.
- Welcome Session to 1st year by IFMSA on 23 October 2008.
- Diagnostic lab stone laying ceremony-presentation to the guest by Patients' Welfare Association (regd) Inaugural session of PWA on May 29, 2009,



Creating Future, Bringing sight to life

Prof. Mohammad Idrees Adhi

The field of Ophthalmology has seen a revolution during the last few years. This has completely changed the outlook of management of the routine and complicated eye problems. It is all the more important in Pakistan, considering the fact, that our country is included among the developing countries which are inhabited by 80% of the blind population of the world. We have very high figures of blindness due to cataract, glaucoma and corneal diseases. The exact figures of blindness caused by diabetes are yet to be known in Pakistan. We need to explore what is happening to our infants when they survive the intensive care after premature birth. A lot of these infants become blind due to retinopathy of prematurity. Many of the young ones die, due to retinoblastoma, a cancer in this age group. We have yet to identify the burden of inherited eye diseases causing blindness. Age Related Macular Degeneration (ARMD) is another problem; we need to look into, to treat this blinding condition in our aging population.

Our other challenges include learning new skills, keeping pace with the changing trends of practice, training the juniors for future and doing research. All this need a strong political will, which unfortunately, is lacking altogether. Just a little more than 1% of GDP is allocated to the health sector by the government in the annual budget. This is obviously insufficient for the vast majority of our population which belongs to the poor socioeconomic group. While working at public hospitals like ours, we see hundreds of such patients faced with blinding diseases, but with resources too little to afford expensive treatments. Even with the best of their efforts and cooperation, as is visible with the present hospital administration, it is not possible to cope up with the increasing cost of health care in general and ophthalmology in particular.

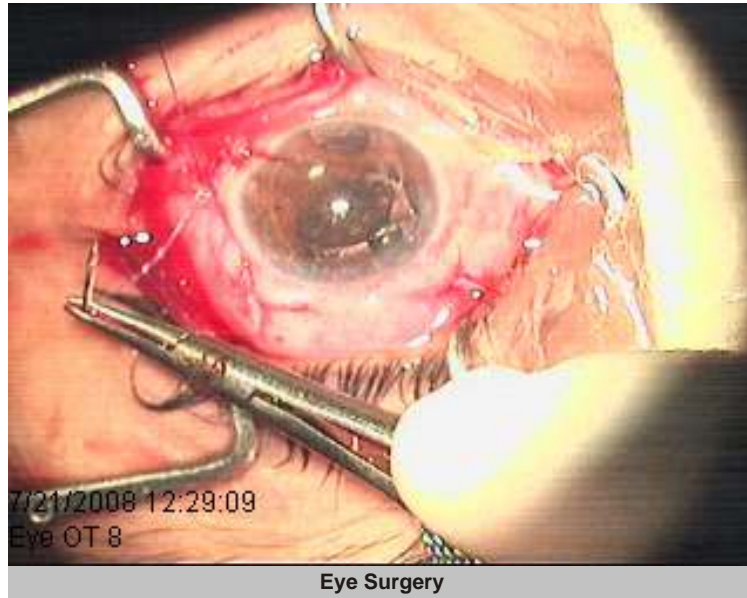
This gloomy picture motivates people like Professor Shafiq-ur-Rehman. The untiring efforts to look for the help of affording people and NGOs are made, and as a result, places like Dowite78 Operation Theater Complex come into existence. At Dowite78 Operation Theater Complex all investigative and operative procedures are done FREE OF COST. This includes all the expensive operations of cataracts with intraocular lens, glaucoma operations and surgeries for retinal detachments apart from other necessary eye operations. These surgeries cost Rs.20,000 to Rs.75,000 in private practice. During the last year we performed 1156 eye surgeries which included more than hundred retinal procedures with no cost to patients. More than 700 retinal angiography procedures (the procedure costs Rs.8,000 to Rs.10,000 in private practice) were performed during the last two years, on a machine donated by one of the



philanthropists. Laser treatment for diabetics, ultrasound examination and visual field testing is also available to all these deserving patients. Recently we have acquired latest machines for most scientific evaluation of retinal diseases, the RETCAM AND OCT machines costing more than 22.5 million rupees financed by the Edhi foundation. By utilizing these machines, we will be able to provide state-of-the-art care to our

non-affording patients. As with all treatments provided by Dowite78 Operation Theater Complex, this service will also be free of cost.

Sight is a basic human right and one should not go blind due to lack of money. It is amazing to see people coming and helping for a genuine cause in this rather disappointing existing health care system. With their help we are able to provide comprehensive eye service to the deserving patients. If somebody wishes to see this happening, he can come and visit Dowite78 Operation Theater Complex. This has to continue and for the continuity we need your help.



Eye Surgery

Your support will create a brighter future

Muhammad Ibrahim, a graduate of the University of Sindh, credits the Dowite78 Operation Theater Complex with saving his sight after a sudden retinal detachment.

"Trusting my sight to the Dowite78 Operation Theater Complex is one of the best decisions I ever made," says Ibrahim. "What makes me feel wonderful and lucky is that this resource is here for people of Sindh. It is a gem in our midst and I hope it has all the resources it needs."

Please join other donors in giving hope to people who are blind or at risk of losing their sight.

A Tribute to the Legends



Late Prof. Manzar Saleem

Prof. Manzar Salim, a legend in his own right, suffered a fatal Acute Myocardial Infarction on the morning of 16th August, 2008 at home.

A man of principles and well known for his organizational skills, who touched the life of many a people, he was working as Prof. of Surgery, Dow University of Health Sciences and Civil Hospital, Karachi.

He was presently Chief Editor of Pakistan Journal of Surgery and

Surgeons' Newsletter of the Society of Surgeons of Pakistan. He was also clinical tutor of Royal College of Surgeon, Edinburgh and Secretary of Pakistan Medical Journalist's Association.

Prof. Manzar Salim was an Executive Member of Dowites78 Operation Theatre Welfare Society DOTS and actively participated in the building and functioning of Operation Theatre Complex.

He is survived by his wife, son a third year student at Dow Medical College and daughter, a second year student at Sindh Medical College. He will be always remembered as a man of principles, admired by both friends and foe alike.



Late Justice Sabihuddin Ahmed

The first Patron-in-Chief of Dowites78 Operation Theatre Welfare Society DOTS® and the sitting judge of Supreme Court of Pakistan Justice Sabihuddin Ahmed died in Karachi on Sunday 19th of April, 2009, due to brain hemorrhage.

60 years old, Justice Sabihuddin Ahmed was appointed Chief Justice of the Sindh High Court on 28.04.2000. He declared some land mark judgments on constitutional laws

Justice Sabihuddin Ahmad was born in 1949 at Hyderabad (Sindh). He received his earlier education in different parts of the country. He did M.A. from Punjab University in 1969 and LL.B. from Karachi University.

The deceased judge of SC was the founder member of the Human Rights Commission of Pakistan and its Vice President (1987 - 1990). He was an elected member of the International Advisory council of the International Centre for Promotion of Human Rights (Interights) and steering committee of the South Asia Forum legal education on gender issues.

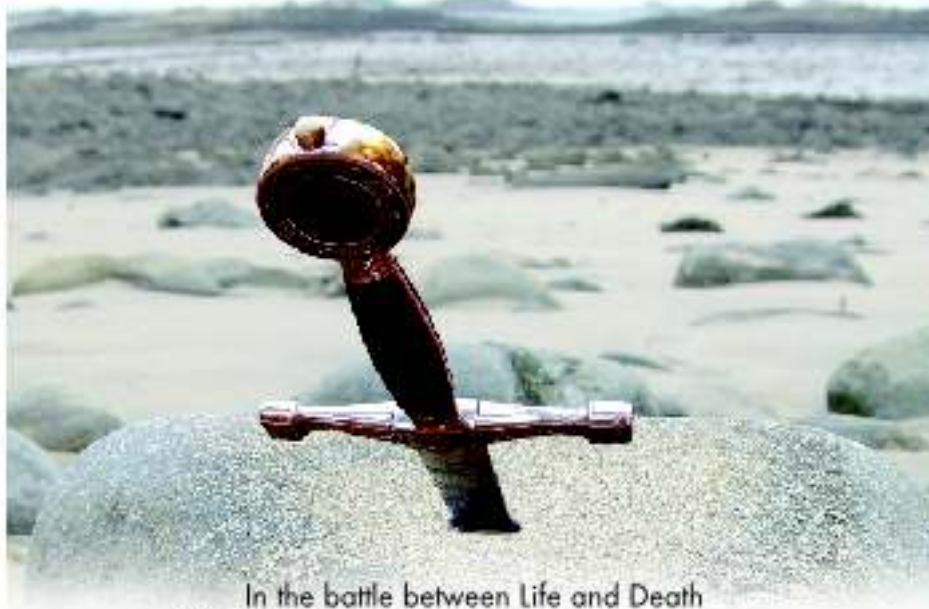
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Election 2009

The General Body meeting of Dowites78 Operation Theatre Society held on Saturday February 21, 2009. The Society Election for the Executive Committee was held under the supervision of the Election Commissioner as the last point of the agenda. The Election Commissioner, Prof. Ata-ur-Rehman announced the new executive committee having the following Office bearers:

Dr. Shaikh Minhaj-ud-Din	President
Mrs. Naureen Azhar Wali Mohd.	Vice President
Prof. Shafiq-ur-Rehman	General Secretary
Prof. Saeeda Haider	Finance Secretary
Dr. Umair-ul-Islam	Joint Secretary
Dr. Abbas Zafar	Joint Secretary
Dr. Shoaib Sultan	Public Relations Secretary

The Executive Members are as follows:

Dr. Capt. Abdul Rahim	Dr. M. Idrees Padela
Prof. Amjad Siraj	Prof. Saleem Marfani
Mr. Faisal Edhi	Dr. Seema Rehman
Dr. Ghazala Tariq	Dr. Shahid Shamim
Prof. Idrees Adhi	Dr. Syed Hamid Zaki

The newly elected executive committee will be serving for two years. The committee has resumed its duties and pledge to abide by the rules and regulation of the society.



Former Executive Committee Dowites78 Operation Theatre Society




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Art for Health

EID GREETING CARDS

The Paintings have been donated to the Dowites78' O.T Complex.
All Proceeds for these painting, support free of cost surgery at the O.T Complex.



Operation Theatre
Complex



Abdul Hayee
Dot-04A



Riaz Rafi
Dot-091A



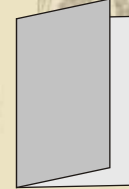
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Ghalib Baqar
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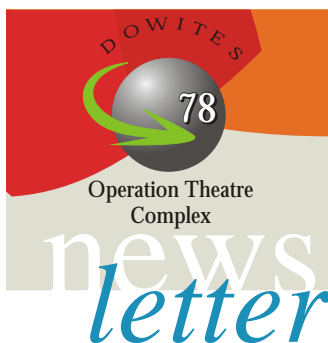
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