

# ECHOLIS 2016

A QUARTERLY BULLETIN OF LISIE MEDICAL AND EDUCATIONAL INSTITUTIONS



Special Feature  
*Lisie Heart Institute*

CARE *with* LOVE



ECHOLIS 2016

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**FROM THE DIRECTOR'S DESK****GREETINGS.**

It is the nature of people in this part of the globe to visit ailing relatives or friends in hospitals, in groups. So also, when people visit hospitals for consultation they do not come alone but along with their family members or friends.

Though most of the time it is out of sheer love and affection towards the patient, sometimes the accompanying people also may have some minor or major affliction.

They use this opportunity to know about our hospital, about the doctors, the facilities available here, as well as the cost of treatment.

Although crowd control is a major issue facing us, indirectly it also gives us a learning opportunity, as to how to improve our patient care and health services. We cannot turn away a patient for want of a particular facility here. We may lose an entire group of people who may have travelled from remote places in hope of getting solace from Lisie.

This is the main reason why we keep on adding new departments at regular intervals. The latest additions being Paediatric Cardiology/Cardiovascular surgery and Surgical Gastroenterology.

Paediatric cardiovascular defects, most of them are completely correctable if detected on time. The department has started with a bang and has already proved its mettle.

The department is also conducting out-reach programmes with the aim of helping poor children with cardiac disorders from afar. Surgical gastroenterology which was started recently, is also going strong.

By adding new facilities and strengthening the existing ones, we are moving ahead this jubilee year with more enthusiasm and vigour.

“IF EVERYONE IS MOVING FORWARD TOGETHER THEN SUCCESS TAKES CARE OF ITSELF” said HENRY FORD.

MAY GOD BLESS ALL OF YOU.

**Fr. Thomas Vaikathuparambil**

# Our Lisie Heart Institute

The Heart Institute of Lisie hospital which was set up in 2002 has become one of the best-in-class facility providing world class Cardiac Interventional and Surgical care in Kerala. The department has established its high ratings in the field of cardiovascular medicine over the last one and half decades. Its achievements are not only in the field of patient care but also in contemporary scientific development and research in the field of cardiology. All the faculty in the department are well recognized in the field of cardiology at the national level in academic, professional and organizational level.



## DEPARTMENT OF CARDIOLOGY AND CARDIO-VASCULAR MEDICINE

The department has dedicated teams for Adult Cardiology, Pediatric Cardiology and Electrophysiology dealing with the entire spectrum of Cardiovascular diseases. In a span of 14 years the department has taken care of more than 4 lakh patients and performed over 51,000 Cardiac catheter interventions.

The department has recently moved to its new facility with 3 Cardiac Catheterisation labs, and a 24 bedded Coronary Care Unit and a day care Radial Lounge. The department is one of the high volume centers in the country and has excelled in Coronary Interventions. The electrophysiology division has in a short time become one of the finest in our state. Pediatric Cardiology commenced recently and is fully equipped to treat all types of complex congenital and pediatric heart diseases.

### Achievements of the department and its faculty :

Live case transmissions is considered to be the most charming scientific teaching event in any cardiology meeting and is done from only the best centers with state-of-the-art facilities for intervention. The department has the fortune of being a centre for live transmission in various National and International conferences, performing complex coronary interventions which are transmitted live via satellite to the conference venues in different parts of the country.

The faculty of cardiology department are actively involved in organizational activities at State and National level. Their contributions are well appreciated and many of them have been selected as organizing secretaries for various conferences at state and national level.

Cochin cardiovascular summit 2009 : Lionel Opei the legend in the field of cardiovascular medicine was the chief guest. Dr. Rony Mathew was the scientific committee chairman and Dr. Jabir Abdullakutty was the organizing secretary.



National Interventional Council Annual Meeting: It is the largest conference of Interventional Cardiology in the country under Cardiological Society of India. Dr Rony Mathew was the organizing secretary of the National Interventional Council Annual meeting in the year 2012 and Dr. Jabir Abdullakutty was the organizing secretary of its meeting in 2014 at Kochi. Dr. Jabir Abdullakutty was the organizing secretary of the first annual conference of Society for Heart Failure and Transplantation organized in Cochin in 2013. And the Cardiology Society of India, Kerala chapter Annual meeting held at Cochin on 2012, was organized by Dr. Jabir Abdullakutty.



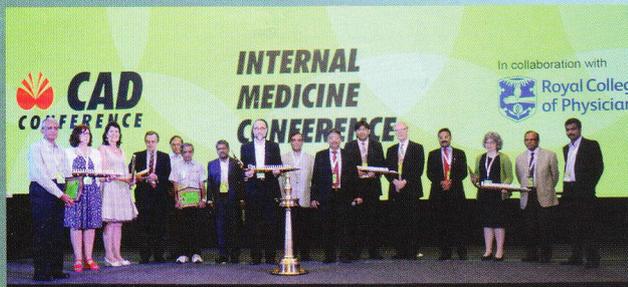
Royal College of Physicians, London conducted a conference in the Internal Medicine for the first time in South India at Cochin in April 2013 with Dr. Rony Mathew as scientific committee chairman and Dr. Jabir Abdullakutty as organizing secretary.

Dr. Rony Mathew is the course director of CAD Mumbai. The meetings of this society attracts a large number of physicians and cardiologists across the country. Society for Cardiac Angiography and Intervention held its first conference of complex coronary interventions outside USA in April 2013 at Cochin. Dr. Rony Mathew was the course Director and Dr. Jabir Abdullakutty was the organizing secretary.

Dr. Ajit Thachil was the organizing secretary for the annual conference of Kerala Heart Rhythm Society at Kochi in the year 2015.

Dr. Jo Joseph is the organizing secretary for the 4th annual conference of Society for Heart Failure and Transplantation to be held on September 2016.

Dr. Jabir Abdullakutty is the Joint organizing secretary for Cardiology Society of India Annual conference- the largest conference of cardiologists in our Country - in December 2016.



The department is actively involved as a National training center in Interventional Cardiology. Post doctoral training was given to doctors from India as well as abroad. Cardiologists from South Africa and Tanzania have successfully completed their training in radial interventions in our Institute. The department is accredited by the National Board of Examinations to conduct DNB in Cardiology, and by the Indira Gandhi National Open

University for PGDCC course in Clinical cardiology.

### Research activities

Clinical research is an important face of any major division of a tertiary care centre. Cardiology department has been quite active in the field of clinical research since last 10 years. We have a registered ethics committee which is the prerequisite for all medical research work. (Dr. Paul Puthooran is the chairman of the ethics committee and Fr. Thomas Vaikathuparampil the member secretary) We were involved in 14 major international clinical trials including ENGAGE AF TIMI48, ATLAS TIMI ACs 51, EXAMINE, TUXEDO, ODYSSEY CV, IMPROVE SCA, INSPIRE ELR, etc. We were one among the largest contributors to the Kerala ACS registry and Dr. Rony Mathew had a poster presentation about the registry in American College of Cardiology annual meeting at Orlando in 2014. We have a full fledged medical research wing with four qualified staff and other necessary amenities. There are 7 ongoing studies at present handled by the research wing.

### Publications and Faculty positions

Dr. Rony Mathew and Dr. Jabir are Indian authors for the famous book "Drugs for Heart" by Dr. Lionel Opei. Dr. Rony was a Co-author for the Paper published about Kerala ACS registry in European Heart Journal. Dr. Rony and Dr. Jabir were chapter authors in the book STEMI update published by Jaypee books. Dr. Ajit Thachil had publications in the Journal of American College of Cardiology, Indian Pacing and Electrophysiology and Indian Heart journal.

Dr. Rony Mathew was faculty in European society of cardiology annual meeting London 2015, Amsterdam 2014. TCT Washington 2015 He was invited faculty for CSI annual meeting, CAD Mumbai, SCAI and various other national level cardiology conferences.

Dr. Jabir was faculty in Euro PCR 2016, SCAI Orlando 2016, Gulf PCR 2015, Asiapacific PCR 2015, AICT 2014 Jakarta, Cardiac structural interventions 2015 Vietnam. Dr. Jacob Joseph was faculty in Malaysia live Kaula lampur. Dr. Ajit Thachil was invited faculty for the annual conference of the Asia Pacific Heart Rhythm Society at Melbourne, Australia, the India Heart Rhythm Society, the India Society of Electrocardiology and various cardiology conferences. He is also the Section Editor of Indian Pacing and Electrophysiology Journal since 2014 and the Joint Secretary of Kerala Heart Rhythm Society since 2014.

Dr. Edwin Francis was the operator for live case transmissions in cardiac structural interventions Asia Pacific, Vietnam 2015, he was speaker in the first Al Jahra International Conference, Kuwait 2016. Dr. Jo Joseph was faculty for Cardiac structural interventions 2015 Vietnam and Frankfurt. He won the best paper award at the Asia Pacific, paediatric cardiology conference in Japan

## CARDIO VASCULAR SURGERY DEPARTMENT



The department of cardiovascular surgery at Lisie had its humble beginnings in 2002 with a view of providing facilities of international standards to the patients at an affordable cost. The department has grown to be a leading unit in the state and has catered close to 10000 patients across the whole spectrum of cardiac diseases. With dedicated 2 theatres and a 14 bedded ICU around 1000 patients are operated every year with a morality of less than 1%. Our team of Doctors was reconstituted in 2008 with the joining of Dr. Jose Chacko Periappuram as the Head of Cardiac Surgery and Dr. Jacob Abraham as the head of Cardiac Anaesthesia. It is worth mentioning that the present team was instrumental in performing the First Total Arterial Bypass surgery program on a beating heart in Kerala. They also lead the Team of doctors who performed the first awake bypass surgery and also the history making Heart Transplantation in the state of Kerala. The department has expanded with the recent addition of paediatric cardiac unit. Two new additional theatres, a paediatric cardiac ICU and a high dependence unit is being completed.

### The department offers the following services:

Off pump CABG and complex revascularisations, Total arterial revascularisation, Minimally invasive coronary artery surgery (MIDCAB), Valve repairs and replacements, Bentall surgery, Redo Surgeries including re-do coronaries, Heart transplantation, Surgery for Jevohah's witness, Neonatal heart surgeries, Infant heart surgeries, Adult congenital heart surgeries, Paediatric valve repairs, Redo heart surgeries for congenital heart disease, Tracheo-bronchial surgeries for neonates, Chest wall deformities, ECMO (Extracorporeal life support)

### Infrastructure

2 fully equipped Modular steel Operation theatres (2 more under construction), 2 Sarns 8000 heart lung machines, 1 ECMO machine (Maquet), 14 bedded ICU, 10 Ventilators, 3 Echocardiography machines

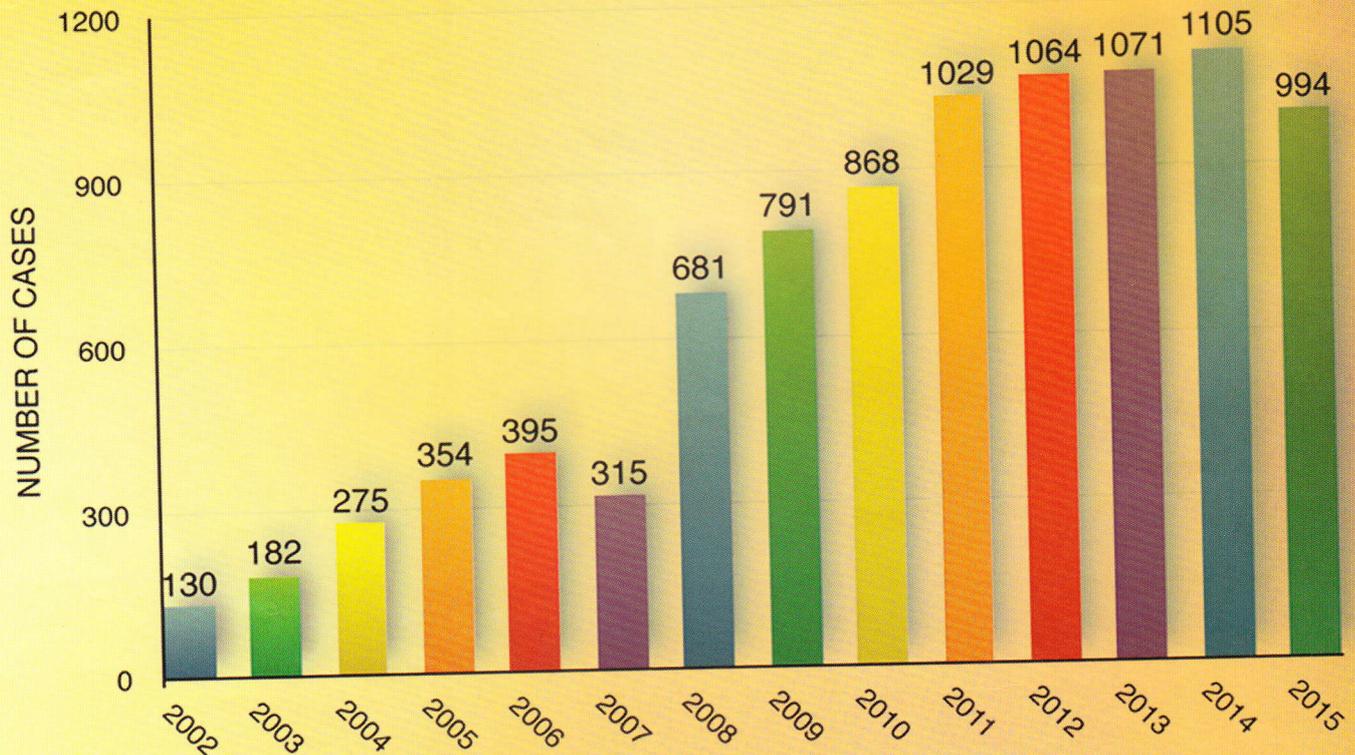


## Faculty - Surgeons

Dr. Jose Chacko Periappuram (HOD), Senior Consultant Cardio Thoracic Surgeon, Dr. Thomas Mathew, Pediatric Cardio Thoracic Surgeon, Dr. Bhaskar Ranganathan, Consultant Cardio Thoracic Surgeon, Dr. Kochukrishnan, Consultant Cardio Thoracic Surgeon, Dr. Manoras Mathew, Consultant Cardio Thoracic Surgeon.

## Statistics

### DEPARTMENT OF CVTS LISIE HOSPITAL



## Transplantation programme

The first successful heart transplantation in Kerala was conducted in 2003 by a team of doctors lead by Dr. Jose Chacko Periappuram and Dr. Jacob Abraham. After the state government passed the legal formalities of organ donation and transplantation in 2011 and after the formation of Kerala Network of Organ sharing in the same year, the organ donation became more popular and transparent.

The Cardiac services of Lisie Heart institute restarted the transplant program in 2013 and during that year the department conducted a series of heart transplantation, leading the Heart transplant in India to a new level. A rapid spurt of Heart transplant programs occurred all over the country and especially in Kerala after the initiative by the Lisie Heart institute. Our department performed the first successful Re-Heart transplant in India in March of 2014 creating a landmark history.

The first airlifting of Heart in a Navy aircraft from Trivandrum to Kochi and a successful implantation of this organ paved way to many more organ donations in the state. So far the Lisie Heart institute has conducted 17 heart transplants and the one survival and post operative results are in par with the western standards.

Currently the department is in the process of establishing an LVAD {Left ventricular assist device} program and the final training of the team is over. As in other fields of Cardiac surgery the Lisie Heart institute leads the way in the transplant program as well.

## Workshops conducted

1. Total arterial revascularisation surgery 2009 —by Dr. Bhattacharya
2. Database for cardiac surgery in 2014—Dr. P.V. Satyanarayana
3. Minimally Inversive Aortic Valve Replacement 2015 —by Dr. Francisco

## Societies

Society for heart failure treatment (SHFT) is a multidisciplinary forum dedicated to further the various management aspects of patients with heart failure was co-founded by Dr. Jose Chacko Periappuram in the year 2012 has been a pioneering group in the country. The first annual conference was held in 2013 in Kochi.

## Papers Presented at National Conferences

1. Dr. Bhaskar Ranganathan

Surgery for Jehovah Witness in India at IACSTCON 2015 at Trivandrum

2. Dr. Thomas Mathew

In vitro valve tester at IACTSCON

A novel retractor for ministernotomy at ISMICS, Boston

3. Dr. Manoras Mathew

IACTS 2016 (Indian Association of Cardiothoracic Surgeons) AT LUCKNOW

Cardiac surgery without blood transfusion: a 7 year single centre experience in Jehovah's Witness.

Pseudomembranous colitis: a dreaded complication post offpump CABG.

4. Dr. Jeevesh Thomas

Heart Transplant in Takayasu disease in IACTSCON 2015 at Trivandrum

Redo Heart Transplant in IACTSCON

## Future direction

Comprehensive heart failure program, Minimally invasive heart surgery, Cardiac Assist devices, Hybrid procedures

## Cardiac Anaesthesiology

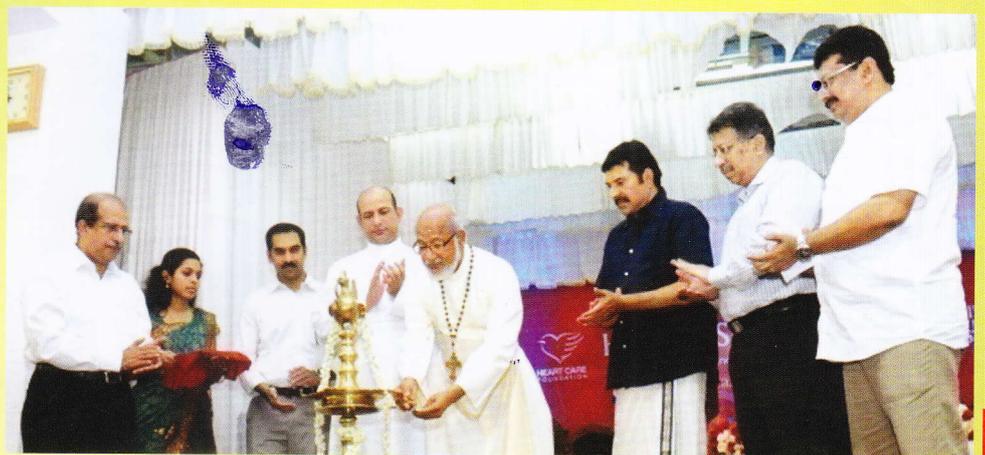
Department of Cardiac Anaesthesiology provides anaesthesia and critical care for Cardiac and Thoracic surgical patients. It is known as one of the largest Cardio thoracic practices in South India. The department provides a full spectrum of perioperative anaesthesia for Cardiac and Thoracic surgical patients including full time anaesthetist present in the Cardio Thoracic Unit, respiratory consultation and postoperative pain management. The department offers one-year postdoctoral certificate course in Cardiac Anaesthesiology and Critical Care Medicine. The Department also offers a 3-day observatory program in Cardiac Surgery for Junior Doctors and postgraduates so as to understand the various aspects of haemodynamics operating in human body. The guardian angels who wore hand in hand to accomplish all the successful endeavours in our cardiac department are Dr. Jacob Abraham (HOD), Dr. Job Wilson, Dr. Subramanian C. (Pediatric), Dr. Grace Maria George.

## Free Heart Surgeries

We have completed 20 free Cardiology & Cardiac Surgery procedure in connectin with Year of Mercy & Diamond Jubilee project.

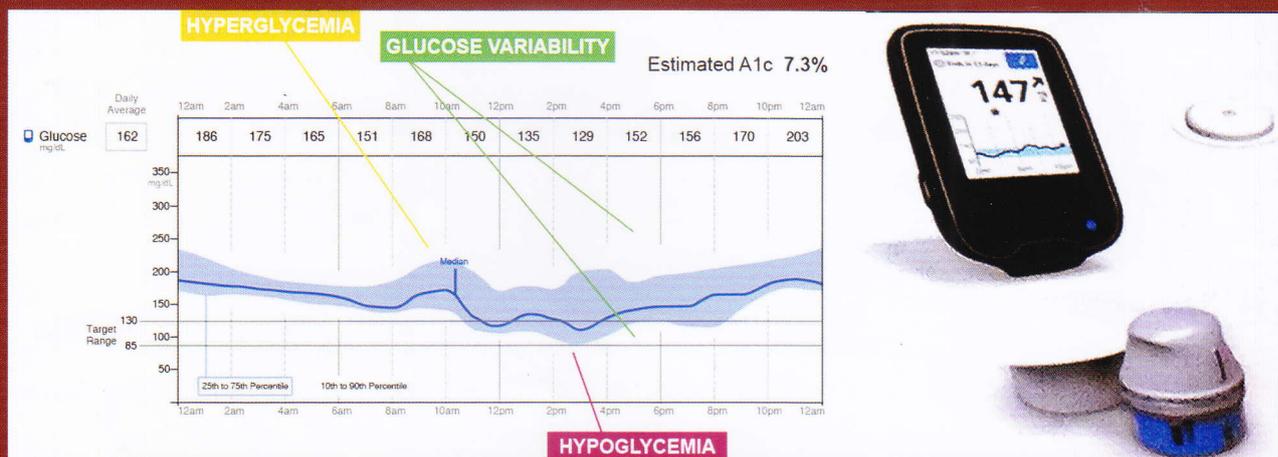
## Hrudaya Sangamam

A heart to heart affair was celebrated in our Lisie Hospital on Sunday the 17<sup>th</sup> April 2016 at Lisie Hospital Auditorium. The official inaugural function was inaugurated by chief guest Dr. K. S. Radhakrishnan, Chairman Kerala Public Service Commission at 11 am.



# AMBULATORY GLUCOSE PROFILE (AGP)

Latest technology to assess patient's diabetic status



The gold standard of control of blood sugar status in a diabetic patient has centred around fasting and 2 hour post meal blood sugars and HbA1c a measure of prior three month's blood sugar status.

International studies have noted that despite these parameters being in the normal range complications of diabetes particularly heart diseases continued to occur in diabetics

Of late focus has shifted to "Glycemic variability"(GV)which in essence are fluctuations in blood sugar values that occur in a day or period of days which has been found to lead to complications of diabetes = cardiac,kidney, nerves, eyes to name a few.In addition unnoticed hypoglycaemia especially in elderly and during the night can kill.

Stated simply even if your fasting and post prandial and HbA1c levels are near normal you could get these complications of diabetes and death due to hypoglycaemia if you have GV(fluctuations in blood sugar values).

Till recently it was costly and cumbersome technology to measure GV.

In 2013 Abbott Diabetes Care adopted the AGP reporting system for use in its newly developed FreeStyle Libre FGM System. Using advanced wired enzyme technology, they were able to develop a two-week sensor requiring no calibration by the patient and combined this with an automated AGP reporting system.It records interstitial fluid glucose every 15 minutes and then collapses the two weeks of glucose data and plots only by time allowing for underlying patterns to be identified. It uses five smoothed frequency curves to represent glucose exposure, variability and stability while simultaneously identifying periods of significant hypoglycemia and hyperglycemia.

The sensor as big as a coin can be inserted painlessly under the skin in the arm and patient can go about doing his routine work,exercise,sleep without any intervention.His food and medication patterns are simultaneously recorded.Readings are taken every five days till fifteen days.

Variations in blood sugar status,reasons for the same,treatment and lifestyle corrections needed can be undertaken by the physician and the patient together on viewing the graphs generated.

So get your AGP done- smoothen your blood sugar fluctuations and save yourself from diabetic complications and unwanted hypoglycemia.

**We have a very reasonably priced AGP monitoring facility at**

**Lisie Diabetes Centre,1st floor Room no.2135,**

**Lisie Hospital New OP block**

**Contact Sr Mercy phone extension 2223 or 9645777334.**

**Department of Diabetology, Lisie Medical Institution, Kochi - 682 018**

## BLS for Health Care Providers

Basic Life Support (BLS) for health care providers accredited by American Heart Association was conducted at Lisie Hospital on 25/06/2016 in collaboration with Indian Institute of Emergency Medical services (IIEMS) 25 doctors participated in the one day programme. The course was led by Dr. Babu Urumese Palatty (Course Director) with Dr. Nisbet Samuel E. and Dr. Ajith V. (Instructors). The Programme was coordinated by Dr. Jinu Issac & team. The next Basic Life Support (BLS) & Advanced Cardiac Life Support (ACLS) is scheduled for 18, 19 & 20th of August. This programme is valid for 2 years. For further enquires please contact Emergency Department.



## Health Care Quality Indicators

The Quality Indicators (QIs) are measures of health care quality that make use of readily available hospital inpatient administrative data. Quality Indicators are used for the continual improvement of the health care delivery system.

### Quality Indicators are of two types

1. Clinical Indicators
2. Managerial indicators

### Clinical Indicators

Clinical indicators are measures of the process, structure and/or outcomes of patient care. They are used by health systems and services, as well as accreditation and regulatory bodies, to identify areas of concern which might require further review or development.

### Managerial Indicators

Managerial Indicators are quantitative measures that can be used to monitor and evaluate the quality of managerial structure, process and outcome.

### Some of the clinical department indicators are given below:

INFECTION CONTROL		
Urinary tract infection rate	Numerator	Number of urinary catheter associated UTIs in a month x 100
	Denominator	Number of urinary catheter days in that month
Pneumonia Rate	Numerator	Number of ventilator associated pneumonias in a month x 100
	Denominator	Number of ventilator days in that month
Surgical Site Infection Rate	Numerator	Number of surgical site infections in a given month x 100
	Denominator	Number of surgeries performed in that month
Bloodstream Infection Rate	Numerator	Number of central line associated blood stream infections in a month
	Denominator	Number of central line days in that month
Incidence of blood body fluid exposures	Numerator	Number of blood body fluid exposures
	Denominator	Number of in-patient days
Incidence of needle stick injury	Numerator	Number of parenteral exposures in a given month
	Denominator	Number of inpatient days in that month
Percentage of employees provided pre exposure prophylaxis	Numerator	Number of employees who were provided pre-exposure prophylaxis
	Denominator	Number of employees who were due to be provided pre-exposure prophylaxis

**NURSING DEPARTMENT**

Return to the emergency department within 72 hours with similar presenting complaints	Numerator	Number of returns to emergency within 72 hours with similar presenting complaints x 100
	Denominator	Number of patients who have come to the emergency
Percentage of cases (inpatients) wherein the nursing care plan is documented	Numerator	Number of inpatient case record wherein the nursing care plan has been documented x 100
	Denominator	Total number of patients(sample size)
Incidence of medication error	Numerator	Total number of medication error x 100
	Denominator	Number of patient days
Percentage of admission with adverse drug reaction	Numerator	Total number of adverse drug reaction x 100
	Denominator	Number of discharges and death
Percentage of patients receiving high risk medications developing adverse drug event	Numerator	Total number of patients receiving high risk medication who have an adverse drug event x 100
	Denominator	Number of patients receiving high risk medication
Percentage of medication chart with error prone abbreviations (illegible handwriting and unaccepted error prone abbreviations)	Numerator	Percentage of medication chart with error prone abbreviations x 100
	Denominator	Number of medication chart reviewed
Incidence of falls	Numerator	Number of falls x 100
	Denominator	Number of discharges and deaths
Incidence of bed sores after admission	Numerator	Number of patients who develop new/worsening of pressure ulcer x 100
	Denominator	Number of discharges and deaths
Return to ICU within 48 hours	Numerator	Number of returns to ICU within 48 hrs x 100
	Denominator	Number of discharges/transfers and deaths in the ICU
Re-intubation Rate	Numerator	Number of re-intubations within 48 hours of extubation x 100
	Denominator	Number of intubations

**ANAESTHESIA DEPARTMENT**

Percentage of modification of anaesthesia plan	Numerator	Number of patients in whom the anaesthesia plan was modified x 100
	Denominator	Number of patients who underwent anaesthesia
Percentage of unplanned ventillation following anaesthesia	Numerator	Number of patients requiring unplanned ventillation following anaesthesia x 100
	Denominator	Number of patient who underwent anaesthesia
Percentage of adverse anaesthesia events	Numerator	Number of patients who developed adverse anaesthesia event x 100
	Denominator	Number of patients underwent anaesthesia
Anaesthesia related mortality rate	Numerator	Number of patients who died due to anaesthesia x 100
	Denominator	Number of patients who underwent anaesthesia

**OPERATION THEATRE**

Percentage of unplanned return to OT	Numerator	No of unplanned return to OT x 100
	Denominator	No of patients operated
Percentage of rescheduling of surgeries	Numerator	No of cases rescheduled x 100
	Denominator	No of surgeries performed
Percentage of cases where the organisations procedure to prevent adverse events like wrong site, wrong patient, wrong surgery, have been adhere to	Numerator	No of cases where the procedure was followed x 100
	Denominator	No of surgeries performed

Percentage of cases who received appropriate prophylactic antibiotics within the specified time frame	Numerator	No of patients who received appropriate prophylactic antibiotics within the specified time frame x 100
	Denominator	No of surgeries performed
OT Utilisation Rate	Numerator	OT utilization time in hours
	Denominator	Resource hours (Total number of hours scheduled to be available for performance of procedures)
<b>BLOOD BANK</b>		
Percentage of transfusion reaction	Numerator	Number of transfusion reaction x 100
	Denominator	Number of transfusions
Percentage of wastage of blood and blood products	Numerator	Number of blood and blood products used x 100
	Denominator	Number of blood and blood products issued from blood bank
Percentage of blood components used	Numerator	No of blood components used x 100
	Denominator	Percentage of blood and blood components used
Turn around time for issue of blood and blood components	Numerator	Sum of time taken (hrs)
	Denominator	total number of blood and blood components issued

## Congratulation to Winners of Anaesthesia Department

Dr. Manu P. Thomas and Dr. Noel Marie Pio Samy (final year DNB students department of anaesthesiology) bagged the first and third prize in the quiz competition at Sri Sathya Sai Anesthesia Conference (SANCON), SSSIHMS Whitefield, Bangalore.



Dr. Noel Marie Pio Samy



Dr. Manu P. Thomas

## Nurses' Day Celebration



TNAI Lisie unit celebrated Nurses Day at Lisie auditorium on 12<sup>th</sup> May 2016 at 2.30 pm. Meeting was presided by Fr. Thomas Vaikathuparambil, Director, Lisie Medical and Educational Institutions and Dr. Sunil K. Mathai, IMA President, Cochin Branch, inaugurated the function. The theme of nurses day is **"A FORCE FOR CHANGE IMPROVING HEALTH SYSTEM RESILIENCE"**. Conjoined with Nurses Day Celebration classes regarding "Safety Meosis" were conducted for all staff nurses by BD company and motivational talk by Fr. Jacob Manjaly was also given to all staff nurses in Lisie Hospital.

# June 14 Blood Donors Day Celebration

**Blood it's in you to give!!!!**

**So give from the heart today and the Life You Save Could Be Your own!!!**

June 14<sup>th</sup> "The World Blood Donors Day (WBDD)". Since 2004, WHO celebrates this Day with much importance. World blood donors Day celebration provides a precious opportunity to all donors for celebrating it on national and global level as well as commemorate the birth day anniversary of Karl Landsteiner.

As part of this celebration of world blood donor's day MSW Department of LISIE HOSPITAL along with Allied Health Science students celebrated the day. A social awareness programme was arranged at reception on June 14<sup>th</sup> at 10 am. It was well planned and arranged. The programme started by invoking the blessings of the Lord by the students of Allied Health Science followed by the welcome speech of Miss Karishma, the programme coordinator .

Mr. Jose Sebastian Chittilappilly, the Chief Finance Officer of Lisie Hospital inaugurated the function. In his opinion Blood Donor's Day is celebrated to fulfill the need of blood transfusion and blood products transfusion to the needy anywhere in the world. It also helps to motivate voluntary blood donors through educational programmes and campaigns in order to strengthen the blood transfusion services.

Rev. Fr. Varghese Palatty, the Assist. Director of Lisie hospital presided over the function. According to him blood donation is one of the most significant contribution that a person can make towards the society. Blood donation is a human duty. So we come forward to donate blood as it can bring back a dying man again in to the light of life. The celebration involves organizing lots of activities and programs on international and national level.

Dr. Soumini Unnikrishnan, the senior consultant of Pathology felicitated the function. There was a video presentation by Sr. Jeslin, Principal (DMLT) regarding of Blood Donation. Mrs. Rinku George conveyed vote of thanks to the dignitaries and the participants.

As part of the same, in the afternoon we had arranged an awareness programme by conducting an attractive flash mob at Oberon Mall, Edappally on 14<sup>th</sup> of June. GNM second year students actively participated in it. We have collected list of voluntary blood donors from Mr. Devassy of Ponnu-runthy.



# Nurse Sensitive Indicators an Overview



**Dr. Usha Marath**

Principal College of Nursing

Nursing is now a data sensitive activity. A nurse- sensitive indicator denotes the quality of nursing care. The measure that gauge its effectiveness is the National Database of Nursing Quality Indicators (NDNQI). Hence nurse-sensitive indicators includes any intervention that is within the scope of nursing practice, sensitive to nursing input, or integral to the process of nursing care. Today's spotlight on patient safety and public reporting has increased the need for nursing to collect and monitor data related to patient outcomes. Nurse- sensitive indicators are typically divided into three categories- structure measures, process measures and outcome measures.

CATEGORY		INDICATORS
STRUC- TURE MEA- SURE	Patient related	Patient characteristics ( age, gender, duration of hospitaliza- tion, type of ward and type of procedure undertaken)
	Nursing related	RN education level, years of experience, status of nurses, licensure
	System or setting related	Hours of nursing care per patient day, nursing staff ratio, pa- tient acuity, patient turn over, workload intensity, percentage of hours supplied by RN's, organizational factors of nursing practice environment, support for continuing nursing educa- tion, nurse manager's ability, leadership and support, ad- equate facilities, relationship with other team members, and adequate budget.
PROCESS MEASURE	Nursing related	Nursing intervention/ nursing practice/ nursing care plan
	Setting related	Documentation
OUTCOME MEASURE	Patient related	Pressure ulcer, falls and falls with injury, hospital acquired in- fection, medication error, failure to rescue, failure to restrain , sepsis, shock
	<ul style="list-style-type: none"> <li>• Safety</li> <li>• Perception</li> <li>• Use of health care</li> <li>• Functional status</li> <li>• Clinical management</li> </ul>	Patient/ family satisfaction with nursing care , patient/ family satisfaction with pain management.  Length of stay, waiting time of nursing care, unplanned hos- pital visit post discharge,  Vital signs status, self care ability  Symptom resolution/ reduction
	Nursing related	Nurses satisfaction with job
	Setting related	Mortality, Safety of nurses, nurses turn over

## Symposium on Neonatal Nursing

Symposium on Neonatal Nursing organized by DANONE Nutricia was held on April 16<sup>th</sup> at Abad Plaza. Post graduate students and staff nurses from Lisie Hospital and few other hospitals of Ernakulum also attended the Symposium. Dr. Rohin Abraham, neonatologist, Lisie hospital was the resource person for the topic, essential newborn care. Mrs. Sumathi P.V. Asst. Professor, Lisie College of nursing was the resource person for the topic Soft skills in nursing.

## Work Shop on Infection Control “Enhancing Quality of Care in Hospitals”

As a part of M.Sc (N) programme, 2<sup>nd</sup> year M.Sc nursing students have organized a continuing nursing education programme on “Infection Control-Enhancing Quality Of Care In Hospitals” which was conducted on 28-01-2016 from 8 am to 5 pm at Lisie main auditorium which is credited with eight hours from KNMC.

The inaugural function was held on January 28 at 8.30 am in Lisie Hospital main auditorium. The function was honoured by Rev. Fr. Thomas Vaikathuparambil, Director, Lisie Hospital, Rev. Fr. Varghese Palatty, Asst. Director, Lisie Medical and Educational Institution, Dr. Usha Marath, Principal, Lisie College of Nursing, and Dr. Rohitha S. Chandra, Clinical Microbiologist, Lisie Hospital. The Invocation started with a prayer song by M.Sc Nursing 2<sup>nd</sup> year students, followed by welcome speech by Mr. Riyamol Alias, M.Sc Nursing 2<sup>nd</sup> year student. The function was inaugurated by lighting the lamp by Rev. Fr. Thomas Vaikathuparambil, Rev. Fr. Varghese Palatty, Asst. Director, Lisie Medical and educational Institution, Dr. Usha Marath, Principal, Lisie College of Nursing, Dr. Rohitha Chandra Clinical microbiologist, Lisie Hospital, Mrs Reena VI, (Organizing convener) and Mrs Reenumol Devassy, (student coordinator). The inaugural address was delivered by Rev. Fr. Thomas Vaikathuparambil followed by keynote address by Dr. Usha Marath, Principal, Lisie College of Nursing. The felicitation was done by Rev. Fr. Varghese Palatty, Asst Director, Lisie Hospital. The inaugural function was wound up at 9.10 am with a vote of thanks by Ms. Krupa Mable Varghese, M.Sc. Nursing 2<sup>nd</sup> year.



First session was about overview of hospital acquired infection, which was dealt by Dr. Rohitha S. Chandra DM, Clinical Microbiologist, Lisie Hospital. The session was an eye opener to all who were present there and it got completed at 10.00 am.

The second session was by Dr. Anup R. Warriar DNB, FID, CTH, CIC, Consultant, Infectious Disease and Infection Control. He dealt with current practices and guidelines for HAI.

The third session was a practical session (quiz competition) which was started at 12.15 pm and carried out by 2<sup>nd</sup> M.Sc nursing students.

The evening session was dealt by Mrs. Sumathi P.V., Assistant professor, Lisie College of Nursing. She dealt with the topic “MRSA, VRSA-fight the superbug”. She explained about MRSA, its myths and safety precautions which all nurses ought to practice in their clinical field and also included VRSA and guidelines for proper use of vancomycin.

The fourth sessions was dealt by Mrs. Soljin Jose, Infection Control Nurse, Lisie Hospital. She dealt with the topic “Role of nurse in infection control practice”. She mentioned regarding the importance of controlling infections in hospitals and the nurses role thereby the quality of the patient care will increase. At the end of the session a practical session was conducted by 2<sup>nd</sup> year M.Sc nursing students. The sessions included poster presentation and OSCE.



## Sports Day



As part of SNA activity, unit level sports competition was organized by Lisie college of nursing on 23/04/2016 at st. Augustine school ground. The competition was inaugurated by Rev. Fr. Varghese Palaty. Dr. Usha Marath, Principal Lisie College of Nursing, delivered message to student. The competition started with march past followed by various sports events such as 100, 200 meter race, javelin throw, shot put, disc throw, walking race and 4×100 m relay. Congratulations to all winners of unit

level competition who participated in SNA zonal level sports competition which was held on 20/05/2016 at Cochin Municipal Stadium, Thoppumpady. The winners of the events were : Reethu K. Shibu – 200 m race, 2nd prize, Ashika - 100 m race, 3rd prize relay 4×100 m, 2nd prize. Congratulations to all students who participated in SNA zonal level poster and quiz competitions held in Lisie school of nursing on 28/04/2016. Winners of poster competition : 2nd prize - 1st and 2nd year B.Sc nursing students, 3rd prize - 4th year B.Sc nursing students. In the quiz competition we have won 2nd position.

# കമ്മ്യൂണിറ്റി നഴ്സിംഗ്

ലിസി കോളേജ് ഓഫ് നഴ്സിലെ കമ്മ്യൂണിറ്റി നഴ്സിംഗ് വിഭാഗത്തിന്റെ നേതൃത്വത്തിൽ മാലിപ്പുറം സാമൂഹികാരോഗ്യ കേന്ദ്രത്തിന്റെ കീഴിൽ എളുക്കുന്ന പുഴ ഗ്രാമ പഞ്ചായത്തിന്റെ 5, 6, 7, 8 വാർഡുകളിലായി ആരോഗ്യ സർവ്വേയും വിവിധ ആരോഗ്യപരിപാടികളും നടത്തപ്പെട്ടു. നാലാംവർഷ ബി.എസ്.സി. നഴ്സിംഗ്, 2-ാം വർഷ പോസ്റ്റ് ബേസിക് ബി.എസ്.സി. നഴ്സിംഗ് വിദ്യാർത്ഥികളാണ് ഈ പരിപാടികൾക്ക് നേതൃത്വം നൽകിയത്. പലസ്ഥലങ്ങളിലായി വിവിധ വിഷയങ്ങളിൽ ആരോഗ്യ ബോധവൽക്കരണ ക്ലാസുകളും ആരോഗ്യ ശാസ്ത്രപ്രദർശനങ്ങളും സംഘടിപ്പിച്ചു. അതുപോലെ പോഷകാരോഗ്യ ക്ലാസുകളും മറ്റ് പരിപാടികളായ തെരുവ് നാടകം, ആരോഗ്യബോധവൽക്കരണ റാലി, സ്കൂൾ ആരോഗ്യപരിപാടികൾ തുടങ്ങിയവയും സംഘടിപ്പിക്കപ്പെട്ടു. ലോകാരോഗ്യ ദിനം ലോകക്ഷയരോഗ ദിനം തുടങ്ങിയവയിൽ വിഷയ സംബന്ധമായി പലപരിപാടികളും നടത്തപ്പെട്ടു.



## Sports Day

On 14<sup>th</sup> April, Lisie School of Nursing conducted sports day which was planned to explore the talents of the young nurses. The programme started at 8 am under the guidance of sports personnel, Mr. Jaison and Sr. Fincy CMC, Principal School of Nursing. The staffs of Lisie School of Nursing Mrs. Neethu Joy, Sr. Sharon FCC and Mrs. Mary Paul, worked hand in hand to make the day a great one.



## SNA Unit Level Competitions



SNA School level cultural competitions were held in Lisie School of Nursing premises from 15<sup>th</sup> to 19<sup>th</sup> April. Active participation of GNM students from each batch, added beauty to the arrangements done by the faculty of school of nursing.



## Congratulats to the SNA Zonal Level Competition Winners

**Sports:-** Miss. Sumitha. K. Alias, 3<sup>rd</sup> year GNM student became **champion** in SNA Zonal level sports competition. She got 1<sup>st</sup> prize in discuss throw, 2<sup>nd</sup> prize in javelin throw and also championship. Miss. Chinnu Devassy, 1<sup>st</sup> year GNM student got 3<sup>rd</sup> Pize in 100-200 mtr race. Miss. Jissy Jose, 2<sup>nd</sup> year GNM student got 3<sup>rd</sup> prize for both short put and discuss throw. Miss. Christina Joseph, 2<sup>nd</sup> year GNM student got 1<sup>st</sup> prize for short put and 3<sup>rd</sup> prize for long jump.

**Cultural:-** Miss. Anju Jose, 1<sup>st</sup> year GNM student got 3<sup>rd</sup> prize in folkdance.



## School Health Programme



Community Service is the best service, to serve the needy and lay people. Our 1<sup>st</sup> year GNM students from Lisie School of Nursing conducted various School Health Programmes for the upliftment of the hygienic habits of the crowd in Malipuram and Narakkal, during the month of April 12<sup>th</sup> and 13<sup>th</sup> respectively. The programmes were organized under the supervision of nursing tutors of Lisie School of Nursing such as Mrs. Mercy P.A, Mrs. Liyamol Kuriyakose and Mrs. Neethu Joy.



## Felicitation Programme

A felicitation programme was conducted by D.Pharm students as an appreciation to their seniors for their glorious results (95% pass with 73% distinction). The programme was organized by 2<sup>nd</sup> year D.Pharm students on 22<sup>nd</sup> June 2016 at 3 pm in Lisie college of pharmacy. It started with a prayer song and was inaugurated by Rev. Fr. Varghese Palatty, Assistant Director; LMEI. He expressed his words of congratulation and wishes for their bright future. He also distributed alumni awards for the toppers of outgoing batch. Dr. Jinu Issac, Principal, Lisie College Of Pharmacy and Ms. Anitha Abraham, Vice Principal, Lisie College Of Pharmacy also expressed their words of encouragement. Prizes were distributed to all winners of the outgoing batch and the programme came to an end by 4 pm.



## Staff Recruitment

### VACANCIES PROPOSED TO BE FILLED UP

1. Staff Nurses - 40 (liable to change)
2. Physician assistants - 2 (-do-)
3. Perfusionist (-do-)

Kindly note the following steps-

Candidate may submit their duly filled application to the Lisie HR office (Mon-Sat, 9 am-5pm) or Email to [lisiehr@gmail.com](mailto:lisiehr@gmail.com)

The following documents/certificates should be attached to the duly filled application form.

1. CV of the candidate with the photographs
2. Copy of relevant certificate and mark list
3. Copy of certificate of registration, if applicable
4. Short listed candidates shall be called for a written test and an interview

## Health Related Upcomming Dates

World population day - 11/7/2016	National nutritional week - 1/9/2016 to 8/9/2016
World hepatitis day - 28/7/2016	World oral health day - 12/9/2016
ORS day - 29/7/2016	Pain and palliative care & alzheimers - 21/9/2016
World breast feeding week - 1/8/2016 to 8/8/2016	World day of deaf - 26/9/2016
Eye donation fortnight - 25/8/2016 to 8/9/2016	World heart day - 28/9/2016

# Floor wise Departments/Services

## ST. AUGUSTIN'S BLOCK

Floor	Floor Name	Departments
0	Little Flower	Reception, Registration, Patient management desk, Admission desk.
1	St. Martin	OP Consultation, P.R.O, Ultra Sound scan, Treatment room, Vaccination room
2	Sacred Heart	Administrative Block
3	St. Euprasia	Cytology, Histopathology, Blood bank.
4	St. George	Operation Theatre Post Operative Room
5	St. Mathew	Neuro surgery ICU, Surgery ICU Transplant ICU
6	St. Mary's	Gynecology (A Ward) Labour Room, Gynaec Casualty
7	Infant Jesus	Pediatric ward, Room, ICU NICU
8	St. Elizabeth	Gynecology Wards and Rooms
9	Mother Theresa	Neuro Surgery Rooms and Ward Ortho Rooms and Wards
10	St. John Paul II	Gynecology Rooms and Ward Dental Rooms and Wards Surgery Ward

## CARDINAL BLOCK

Floor	Floor name	Departments
0	Holy Spirit	Emergency Department, LIRRIS, X-ray, ECG
1	St. Luke	St. Luke Nurses Station ICU Complex <ul style="list-style-type: none"> <li>• Nephro ICU</li> <li>• Neuro medical ICU</li> <li>• Medical ICU</li> <li>• Pulmonology ICU</li> </ul>
2	St. Jude	St. Jude Nurses Station Ward and Rooms Spiritual Fathers Room
3	St. James	St. James Nurses station Neurology Department & CSR (Neuro Electro Physiology Lab, Digital EEG, Video EEG, EMG NCS / NCV, VEP, BERA, Sleep Study / PSG)
4	St. Thomas	St. Thomas Nurses station Lisie Institute of Gastroenterology Endoscopy suite Gastro recovery Endoscopy room

## ST. ANTONY'S BLOCK

Floor	Floor name	Departments
0	St. Sebastian	General Surgery room
1	St. Joseph	Nephro & Uro Rooms
2	St. Alphonsa	ENT Rooms & Medical Rooms
3	St. Chavara	CT OT, CT ICU & Pediatric Thoracic ICU, C.T extension.
4	St. Francis	Cath Lab, CCU & Rooms
5	St. Peter	East & West Cardiology Rooms

## HEALTH CHECK-UP PACKAGES

1. Lisie Child Health check-up (Rs. 750)
2. Lisie Basic Health check-up (Rs. 2250)
3. Lisie Executive Health check-up (Rs. 3750)
4. Lisie Complete Health check-up for women above 40 years (Rs. 7500)
5. Lisie Complete Health check-up for women below 40 years (Rs. 6800)
6. Lisie Holistic Health check-up for men (Rs. 5500)
7. Lisie Diabetic Health check-up (Rs. 3250)

Venue: Health check-up Lounge - Ground floor of St. Augustine Block (New Block), D-Door

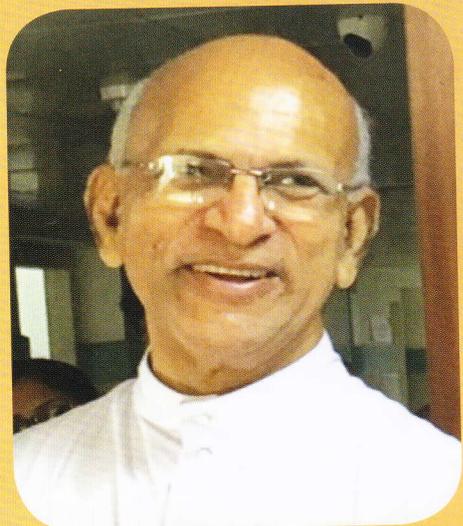
Days: Every Tuesday to Saturday, 7 am - 2 pm

Reporting time: 7.00 am

Contact No. 9497713386, 0484-2402044

E-mail: [lisiehealthcheckup@gmail.com](mailto:lisiehealthcheckup@gmail.com)

# Welcome to Lisie Family



**Dr. (Fr.) Jose Thachil**  
(Spiritual Director)



**Sanju V. Issac**  
(Executive Secretary)



**Sr. Lincy OCV**  
(Office Secretary)



**Sr. Nancy FHGS**  
(Nursing Department)



**Sr. Shalet CPS**  
(Nursing Department)



**Sr. Kochuthresia FHGS**  
(Nursing Department)



**Sr. Liji CPS**  
(Cardiology OP)



**Sr. Rosily Manuel**  
(Spiritual Counselor)



**Sr. Pawana Kochutharayil SABS**  
(Radiology Department)



**Sr. Frency FCC**  
(Billing Section)



**Sr. Anjaly Jose FCC**  
(Billing Section)

# Welcome Back to Lisie Family



**Dr. Mary Margrette Joseph**  
MBBS, DCH

# Welcome to the New Doctors



**Dr. Subramanian Chellappan,**  
MD PDCC,  
(Senior Consultant, Pediatric Cardiac  
Anesthesiologist)



**Dr. Divya Mohan**  
Vadakkedathu, MBBS, MS  
(ENT Surgeon)



**Dr. Bon Sebastian, MBBS, MD**  
(Anesthesiologist)



**Dr. Davis Kurian,**  
MBBS, DA  
(Anesthesiologist)

## അഭിനന്ദനങ്ങൾ



**Dr. AUGUSTINE A.K.**  
MD AIIMS, MRCP (UK)  
Deputy Medical Superintend



**Dr. LISSA PETER**  
Vice Principal Lise College  
of Nursing  
PhD in Nursing, from Indira Gandhi  
National Open University, New Delhi  
TITLE- A study to assess the effectiveness of nursing  
interventions on perimenapausal problems of women  
in a selected community in Kerala

## GOODBYE STARS!!!!



**Msgr. Varghese Njaliyath**  
(Spiritual Director)



**Dr. (Sr.) Sudha CSC MBBS, DCH**  
(HOD, Pediatrician)



**Ajithakumari Shaji**  
(General worker)



**Sr. Treasa Parekkattil SABS**  
(Professor - College of Nursing)

# LISIE HOSPITAL, ERNAKULAM

Advance Booking No: 0484 2401141, 2402044, Extn. 5027

## വിവിധ ചികിത്സാ വിഭാഗങ്ങളും ഒ.പി. ദിവസങ്ങളും

### ജനറൽ മെഡിസിൻ

- 1. ഡോ. ടി.കെ. ജോസഫ് (തിങ്കൾ - ശനി)
- 2. ഡോ. എ.പി. ജോണി (തിങ്കൾ - ശനി)
- 3. ഡോ. ജോർജ്ജ് സേവ്യർ (തിങ്കൾ - ശനി)
- 4. ഡോ. റോജ ജോസഫ് (തിങ്കൾ - ശനി)
- 5. ഡോ. അരുൺ എ.കെ (തിങ്കൾ - ശനി)
- 6. ഡോ. അലോഷ് ചാക്കോ (തിങ്കൾ - ശനി)

### ഡയബറ്റോളജി വിഭാഗം (പ്രമേഹ രോഗ ചികിത്സാ വിഭാഗം)

- 1. ഡോ. ജോർജ്ജ് പൗലോസ് (തിങ്കൾ - ശനി)
- 2. ഡോ. ബെറ്റി ആനി കോശി (തിങ്കൾ - ശനി)

### പർമനോളജി (ശ്വാസകോശ രോഗ വിഭാഗം)

- 1. ഡോ. പ്രവീൺ വത്സലൻ (തിങ്കൾ - ശനി)
- 2. ഡോ. രാഹുൽ സൈമൺ മാമ്പിള്ളി (തിങ്കൾ - ശനി)

### ജനറൽ സർജറി വിഭാഗം (ശസ്ത്രക്രിയ വിഭാഗം)

- 1. ഡോ. ജോയ് മാമ്പിള്ളി (ചൊവ്വ am, വ്യാഴം am, ശനി am)
- 2. ഡോ. പൗലോസ് ജേക്കബ് (ചൊവ്വ, വ്യാഴം, ശനി)
- 3. ഡോ. അനന്തപത്മനാഭൻ (തിങ്കൾ, ബുധൻ വെള്ളി)

### ഡെർമറ്റോളജി (തൃക്ക് രോഗ വിഭാഗം)

- 1. ഡോ. സോമൻ പീറ്റർ (തിങ്കൾ, ചൊവ്വ, വ്യാഴം, വെള്ളി, ശനി)

### ഓഫ്താൽമോളജി (നേത്ര രോഗ വിഭാഗം)

- 1. ഡോ. ലതാ മാത്യു (തിങ്കൾ, ചൊവ്വ, വ്യാഴം, ശനി)

### ഇ.എൻ.ടി. (ചെവി, മൂക്ക്, തൊണ്ട വിഭാഗം)

- 1. ഡോ. റ്റിന വർഗ്ഗീസ് (ചൊവ്വ, വ്യാഴം, ശനി)
- 2. ഡോ. ഫ്രാങ്കി ജോസ് (തിങ്കൾ, ബുധൻ, വെള്ളി)
- 3. ഡോ. ദിവ്യ മോഹൻ (ചൊവ്വ, വ്യാഴം, ശനി)

### ഓർത്തോപീഡിയക്സ് (അസ്ഥി രോഗ വിഭാഗം)

- 1. ഡോ. കെ. രാജാറാം (ചൊവ്വ, വ്യാഴം, ശനി)
- 2. ഡോ. സുരേഷ് പോൾ (തിങ്കൾ, ബുധൻ, വെള്ളി)
- 3. ഡോ. ബിജു പി.എ. (ചൊവ്വ, വ്യാഴം, ശനി)
- 4. ഡോ. മനോജ് എം (തിങ്കൾ, ബുധൻ, വെള്ളി)

### സൈക്യാട്രി (മാനസിക രോഗ വിഭാഗം)

- 1. ഡോ. കുറുവിള തോമസ് (തിങ്കൾ - ശനി After 4 pm)

### ഗ്യാസ്ട്രോ എൻററോളജി (ഉദര രോഗ വിഭാഗം)

- 1. ഡോ. തോമസ് ജെയിംസ് (തിങ്കൾ - ശനി)
- 2. ഡോ. ജോണി സിറിയക് (തിങ്കൾ - ശനി)

### ഗ്യാസ്ട്രോ ഇൻ്റസ്റ്റിനൽ ഹെപ്പറ്റോബിലിയറി & പാൻക്രിയാറ്റിക് സർജറി

- 1. ഡോ. സുനിൽ റ്റി. (തിങ്കൾ, ശനി pm, ബുധൻ, വെള്ള am & pm)

### നെഫ്രോളജി (വൃക്ക രോഗ വിഭാഗം)

- 1. ഡോ. ബാബു ഫ്രാൻസിസ് (തിങ്കൾ - വെള്ളി)
- 2. ഡോ. ജോസ് പി. പോൾ (തിങ്കൾ - വെള്ളി)

### ന്യൂറോളജി (മസ്തിഷ്ക രോഗ വിഭാഗം)

- 1. ഡോ. വിദ്യ എം.വി. (തിങ്കൾ - ശനി)
- 2. ഡോ. അരുൺ കുമാർ എം.എൽ. (തിങ്കൾ - ശനി)
- 3. ഡോ. മിനു ജോർജ്ജ് (തിങ്കൾ - ശനി)

### ന്യൂറോ സർജറി (മസ്തിഷ്ക രോഗ വിഭാഗം)

- 1. ഡോ. കോശി ജോർജ്ജ് (തിങ്കൾ & വ്യാഴം)
- 2. ഡോ. ബി ശ്യാം (ചൊവ്വ & വെള്ളി)
- 3. ഡോ. കൃഷ്ണദാസ് (ബുധൻ am, ശനി am)

### ഡെന്റൽ വിഭാഗം (ദന്ത രോഗ വിഭാഗം)

- 1. ഡോ. ബിജി രാജ് (തിങ്കൾ - ശനി)
- 2. ഡോ. ജേക്കബ് ചാക്കോ (തിങ്കൾ, വ്യാഴം, ശനി)
- 3. ഡോ. Sr. അഖില S.D. (തിങ്കൾ - ശനി)
- 4. ഡോ. ടെറി തോമസ് (വെള്ളി, ശനി)
- 5. ഡോ. സഹിത (തിങ്കൾ - വെള്ളി)

### ഓങ്കോളജി വിഭാഗം

- 1. ഡോ. ശ്രീധരൻ (തിങ്കൾ - ശനി)
- 2. ഡോ. യാമിനി കൃഷ്ണൻ (തിങ്കൾ - ശനി)

### പീഡിയാട്രിക്സ് വിഭാഗം (ശിശുരോഗ വിഭാഗം)

- 1. ഡോ. മേരി മാർഗരറ്റ് ജോസഫ് (തിങ്കൾ - ശനി 10am-1pm)
- 2. ഡോ. രോഹിത് എബ്രഹാം (തിങ്കൾ - ശനി)
- 3. ഡോ. ജെസി തോമസ് (തിങ്കൾ - ശനി)

### ജീറിയോട്രിക് വിഭാഗം

- 1. ഡോ. റോസക്കുട്ടി മാത്യു (തിങ്കൾ - ശനി am)
- 2. ഡോ. സാരാമ്മ ഈശോ (തിങ്കൾ - ശനി am)

### തൈനക്കോളജി വിഭാഗം

- 1. ഡോ. എമ്മി ഡിസൂസ (ചൊവ്വ, വ്യാഴം, ശനി)
- 2. ഡോ. രാജരാജേശ്വരി (തിങ്കൾ, ബുധൻ, വെള്ളി)
- 3. ഡോ. Sr. റാണി പോൾ (തിങ്കൾ, ബുധൻ, വെള്ളി)
- 4. ഡോ. രമ ഭേവി (ചൊവ്വ, വ്യാഴം, ശനി)
- 5. ഡോ. സുമൻ പോൾ (തിങ്കൾ, ബുധൻ, വെള്ളി)

### യൂറോളജി വിഭാഗം

- 1. ഡോ. ദാമോദരൻ നമ്പ്യാർ (തിങ്കൾ pm, ബുധൻ, വെള്ളി)
- 2. ഡോ. വിജു ജോർജ്ജ് (ചൊവ്വ, വ്യാഴം pm, ശനി am)
- 3. ഡോ. രോഹൻ രാജേശ്വർ (ചൊവ്വ, ബുധൻ, വ്യാഴം am)
- 4. ഡോ. തരുൺ ബി.കെ. (ചൊവ്വ am, വ്യാഴം, വെള്ളി)

### കാർഡിയോളജി (ഹൃദയരോഗ വിഭാഗം) Booking No. 0484 2401821

- 1. ഡോ. റോണി മാത്യു കടവിൽ (തിങ്കൾ - ശനി)
- 2. ഡോ. ജേക്കബ് ജോസഫ് (തിങ്കൾ, ബുധൻ, വെള്ളി pm, ചൊവ്വ, വ്യാഴം am)
- 3. ഡോ. ജാബർ അബ്ദുള്ളക്കുട്ടി (ബുധൻ am, വെള്ളി am) തിങ്കൾ, ചൊവ്വ, വ്യാഴം pm)
- 4. ഡോ. അജിത് തച്ചിൽ (ചൊവ്വ, ശനി am)
- 5. ഡോ. ജോ ജോസഫ് (ചൊവ്വ, ബുധൻ, വെള്ളി, തിങ്കൾ pm)
- 6. ഡോ. ഉമ്മൻ പി. മാത്യു (തിങ്കൾ, ചൊവ്വ, വ്യാഴം, വെള്ളി pm)
- 7. ഡോ. ജിമ്മി ജോർജ്ജ് (തിങ്കൾ - ശനി)
- 8. ഡോ. അജിത് കുമാർ കെ.ആർ. (തിങ്കൾ - വ്യാഴം am)

### കാർഡിയോളജി സർജറി

- 1. ഡോ. ജോസ് ചാക്കോ ചെരിയപ്പുറം (തിങ്കൾ - വെള്ളി)
- 2. ഡോ. ഭാസ്കർ രാഗനാഥൻ (തിങ്കൾ - വെള്ളി)
- 3. ഡോ. മനോരമസ് മാത്യു (തിങ്കൾ - വെള്ളി)
- 4. ഡോ. കൊച്ചുകൃഷ്ണൻ കെ. (തിങ്കൾ - ശനി)

### പീഡിയാട്രിക് കാർഡിയോളജി

- 1. ഡോ. എഡ്വിൻ ഫ്രാൻസിസ് (തിങ്കൾ - ശനി)

### പീഡിയാട്രിക് കാർഡിയോളജി സർജറി

- 1. ഡോ. തോമസ് മാത്യു (തിങ്കൾ - ശനി)