

**R.L.Jalappa Hospital and Reseach Centre
Tamaka, Kolar-563101**



Attached to Sri Devaraj Urs Academy of Higher
Education and Research



**SRI DEVARAJ URS MEDICAL COLLEGE
TAMAKA, KOLAR-563101**

**Facilities for Patient Care, Teaching Learning
and Research**

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OUT PATIENT/ IN PATIENT FACILITIES /DEPARTMENTS

1) Emergency Medicine

- a. Trauma services

INTENSIVE CARE UNITS

ICU	MICU	SICU	NICU	PICU	SPICU
HDU	E.M ICU				

Major Departments with respective specialty clinics

2) General Medicine

- a. Nephrology
- b. Cardio-diabetology
- c. Clinical hematology
- d. Geriatric medicine
- e. Hematoncology
- f. Tropical medicine
- g. Immunology and Rheumatology
- h. **Endocrinology**

3) Chest and Tuberculosis

- a. DOTS centre

4) Department of Dermatology

- a. Contact dermatitis and autoimmune disease clinic
- b. Leprosy clinic
- c. Sexually transmitted diseases clinic
- d. Pigmentary clinic
- e. Psoriasis clinic

5) Psychiatry

- a. Neuro psychiatry clinic for elderly
- b. Child guidance clinic
- c. Clinic for senile disorder
- d. Psycho motor clinic
- e. Deaddiction
- f. Memory clinic
- g. Family counselling
- h. Community psychiatry

6) General Surgery

- a. Neurosurgery
- b. Plastic surgery
- c. Laparoscopic surgery
- d. Paediatric surgery
- e. Onco surgery
- f. Urology
- g. Breast clinic
- h. Diabetic foot clinic
- i. Cardio-thoracic and vascular surgery


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7) Orthopedics

- a. Fracture clinic
- b. Paediatric Ortho
- c. Spine clinic
- d. Arthroplasty

8) Ophthalmology

- a. Glaucoma clinic
- b. Retina clinic
- c. Cataract clinic
- d. Oculoplasty clinic
- e. Neuro ophthalmology clinic
- f. Cornea clinic

9) ENT

- a. Headache clinic
- b. Vertigo. Clinic
- c. Deafness
- d. Congenital malformation
- e. Tumor board

10) Paediatric

- a. Well baby clinic
- b. Child welfare including immunization clinic
- c. Child guidance clinic
- d. Child rehabilitation clinic including facilities for speech therapy
- e. Occupation therapy and physiotherapy

11) Obst and Gynaecology

- a. Antenatal clinic ,
- b. family welfare clinic
- c. Infertility clinic
- d. Sexual transmitted disease clinic
- e. Menopause
- f. Labour room
- g. Carcinoma clinic
- h. High risk pregnancy clinic

12) Anesthesiology

- a. Pain clinic

13) Dental


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SUPER SPECIALTY DEPARTMENTS

- a. UROLOGY
- b. CARDIOLOGY
- c. PLASTIC SURGERY
- d. NEUROSURGERY
- e. PAEDIATRIC SURGERY
- f. ONCO SURGERY
- g. ENDOCRINOLOGY**

FULL TIME QUALIFIED DOCTORS AND SPECILAITY TRAINED NURSING STAFF AS WELL AS TECHNICAL STAFF FOR MEDICAL SERVICES ARE AVAILABLE ROUND THE CLOCK.


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SERVICES AND FACILITIES- Utilized for patient care, teaching and Research

I) HOSPITAL SERVICES

1) CLINICAL SERVICES

- a. Reception and billing
- b. Accident and trauma unit
- c. Emergency medical services
- d. Casualty dept
- e. Blood bank and component facilities
- f. Central diagnostic laboratory services

2) RADIOLOGY SERVICES

- a. MRI 1.5 TESLA
- b. SPIRAL CT SCAN MACHINE
- c. DIGITAL X RAY MACHINE
- d. ULTRASONOGRAPHY
- e. COLOUR DOPPLER
- f. DSA
- g. C ARM
- h. ELECTROCARDIOGRAPHY
- i. 2D ECHO
- j. MAMMOGRAPHY

3) PHARMACY

All services are available round the clock in the campus

4) SPECIAL FACILITUES

- a. isolation ward
- b. 2D echo
- c. EMG/EEG
- d. Endoscopy
- e. Physiotherapy
- f. Eye bank
- g. Blood bank
- h. Audiometry (pure tone and impedance)
- i. Dialysis unit

5) OPD with specialities and superspecialities

6) IPD wards


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7) Intensive care units

The hospital has medical intensive care unit MICU , ICCU and surgical SICU, NICU, PICU, and burns unit . All intensive units are well equipped With modern cardiac monitors defibrillators ventilators , central monitoring station and other resuscitation facilities . It is provided with central oxygen line , emergency trolleys with emergency crash cards and medicines nebulizer , glucometer , portable x-rays , USG , ECG machines and resuscitation kits . It caters to a wide range of medical and surgical emergencies

ICCU	MICU	SICU	CCU	HDU	NICU	PICU	SNICU
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8) OPERATION

THERATRE

MAJOR OT : 17

MINOR OT : 1

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II) ADMINSTRATIVE SERVICES

- a. Administrative office
- b. accounts department
- c. medical social workers
- d. time keeping
- e. medical record department

III) SUPPORTIVE SERVICES:

- a. Telephone reception
- b. Hospital store
- c. General store
- d. Maintaince
- e. Central workshop
- f. Biomedical engineering department
- g. IT department
- h. Ambulance services
- i. Transport office
- j. Canteen services
- k. Linen and laundry
- l. House keeping office
- m. CSSD
- n. Biomedical waste disposal
- o. Police outpost
- p. Helping hand for senior citizens
- q. **Anti-Retroviral Therapy [ART] Centre**
- r. **Integrated Counselling and Testing Centre(ICTC)**

IV) ACCIDENT AND EMERGENCY DEPARTMENT

The emergency department of the hospital is well equipped with and manned well qualified and trained staff to manage all kinds of medical and surgical emergencies and to provide trauma care.

RLJH causality department is fully equipped to meet all emergencies right from myocardial infarction to head injury. And trauma cases



V) OPERATION AND THEATRE COMPLEX

Operation theatre complex is provide with overhead lights , central oxygen system , air conditioners , air filters etc. the theatres are equipped with instruments and equipments necessary to meet the needs for all kinds of surgeries .

In ophthalmology we have the latest technique of phacoemulsification and in ENT we do endoscopic surgical procedures

Hospital general OT caters to all cases right from laparoscopic surgery to complicated supra major neuro surgeries . It has skilled team of surgeons from all specialities to carry out the surgeries effectively. IT is also equipped with C-arm . it allows the x-rays to be oriented correct in space in relation to the instruments and the patients

VI) PHARMACY

There is a 24 hrs in-house pharmacy run in the hospital which caters to the needs of the patients for medicines and surgical items

VII) RADIODIAGNOSIS

The department of radiodiagnosis is equipped with following machineries which are handled by trained staff under the guidance of qualified doctors

- MRI 1.5 TESLA
- SPIRAL CT SCAN MACHINE
- DSA
- C ARM
- DIGITAL XRAY
- USG
- COLOUR DOPPLER MACHINE
- PORTABLE SONOGRAPHY MACHINE
- 2D ECHOGRAPHY
- MAMMOGRAPHY

VIII) MASTER HEALTH CHECKUP

Comprehensive health checkup including all the investigations are done at one place.

IX) CLINICAL PHYSIOLOGY

- a. ELECTROENCEPHALOGRAPHY(EEG)
- b. ELECTROCARDIOGRAPHY(ECG)
- c. COMPUTERISED SPIROMETRY (LFT)

X) CENTRAL DIAGNOSTIC AND LAB SERVICES

Central pathology laboratory is accredited by NABL

-Central pathology services are available for pathology , histopathology , biochemistry , haematology, microbiology . Cytology the respective investigations are performed by qualified and trained staff with use of modern machineries

-Pathology laboratory with state of art technology equipped with chemistry analyser

, blood gas analyser , haematology cell counter , ELISA reader and histokinesis facilities .


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-Laboratory of department of infectious diseases equipped with state of the art technology is providing a whole range of tests such as ELISA , PCR etc for the detection of COVID and infectious disease.

XI) PHYSIOTHERAPY DEPARTMENT

The unit has all the facilities for providing physiotherapy to outdoor and indoor patients.

It is well equipped with instruments that are as follows.

- a. Motorized tilt table
- b. Suspension therapy
- c. Hydrotherapy
- d. Advanced electrotherapy equipment
- e. Treadmill
- f. Traction apparatus
- g. Shoulder wheel
- h. Wax bath therapy
- i. Rolling ball
- j. Finger bailing. Equipment
- k. Shortwavediathermy
- l. Long wavediathermy
- m. Walking bars
- n. Pulley wheels
- o. Light weights for muscular exercises

XII) BLOOD BANK

- a. The voluntary blood donation is the back bone of this noble endeavour
- b. Our student community , faculty members and various social organizations and socially conscious public have helped us to meet the growing needs of blood without recourse to professional donors

XIII) OTHER ANCILLARY SERVICES:

1. Community Services

Health centres rural/ urban -

- a. DRSRHC (Devaraya Samudra Rural Health Care Service)
- b. UHC (Urban Health Centre at Kolar)
- c. Blindness prevention and treatment camps- by performing cataract operations in rural areas .
- d. Blood donation camps.

XIV) CENTRAL RESEARCH LABORATORY FACILITIES:

RLJH central research laboratory has established a state of art laboratory for serology, molecular biology , immunology and tissue culture . Over the years large amount of clinical data has been generated. This has been used to develop models for care and treatment strategies.

Our hospital lab is ICMR recognized designated centre for COVID- 19 test

Other Facilities:

- 1) Molecular lab
- 2) RTPCR lab
- 3) Immunology lab
- 4) Culture room



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- 5) Genetic lab
- 6) Plant tissue culture lab
- 7) Washing room -changing room
- 8) DNA-RNA isolation room
- 9) Cold room

Medical Services	
1	General Medicine
2	Cardiology
3	Nephrology
4	Oncology
5	Anaesthesiology
6	Pediatrics
7	Neonatology
8	Critical Care Medicine
9	Obstetrics and Gynaecology (including high-risk Obstetrics)
10	Dermatology and Venereal Diseases
11	Pulmonary Medicine
12	Psychiatry
13	Dentistry

Surgical Services	
1	General Surgery
2	Advanced Laparoscopic surgery
3	Hepato-pancreatico-biliary surgery
4	Urology
5	Plastic surgery
6	Cardiovascular Thoracic Surgery
7	Pediatric surgery
8	Neurosurgery
9	Oncosurgery
10	ENT
11	Ophthalmology
12	Orthopedic surgery
13	Orthoplasty
14	Orthoscopy (Arthroscopy)
15	Dental surgery


Other Services	
1.	Out Patient services
2.	In- patient services
3.	Casualty
4.	EMS services
5.	Critical care unit
6.	Obstetrics HDU
7.	Dialysis
8.	Blood Bank


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9.	Pharmacy
10.	Central Pathology Lab
11.	Microbiology
12.	Immune-histochemistry
13.	Physiotherapy
14.	Urodynamics
15.	Lithotripsy
16.	Pain clinic
17.	Electro convulsive therapy
18.	GERIATRIC MEDICINE
19.	Comprehensive Glaucoma Clinic
20	Anterior segment retinal laser
21	Anterior segment glaucoma and retina OCT (Optical Coherence Tomography)
22	Pediatric Ophthalmology & ROP Clinic (Retinopathy of prematurity)
23	Imaging and Radiodiagnosis
24	Interventional radiology


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