



Sri Nathella Sampathu Chetty Clinical Laboratory

Sankara Nethralaya- An update

A Unit of Medical Research Foundation

41, College Road, Chennai

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Dr.N.Angayarkanni Ph.D

DIRECTOR - LABORATORY SERVICES

DIRECTOR - BIOCHEMISTRY

SRI NATHELLA SAMPATHU CHETTY CLINICAL LABORATORY, SANKARA
NETHRALAYA

MEDICAL RESEARCH FOUNDATION



Clinical Biochemistry



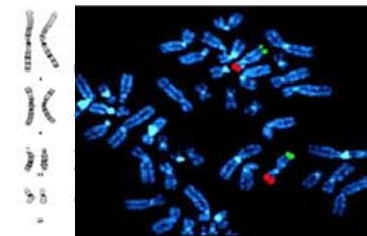
Clinical Hematology



Clinical Microbiology



Histopathology



Clinical Genetics



Molecular Diagnostic



Started in the year 1982

Dr.SB.Vasanthi (Director)



Total patients who walked into lab for collection in the year 2022: **35,152**

Total tests offered : **182**

133 is NABL accredited

SNSC CI lab SN : [Main Laboratory, @ 41 College Road](#)



Collection centers

ISO 15189: 2012

SNSC CI Lab Collection center : 21, Pycrofts Garden Raod (JKCN)

SNSC CI Lab Collection center : CUSSN, St.Thomas Mount

SNSC CI Lab Collection center : SN-RA Puram





NABL Accreditation Valid till : 19.07.24
Accreditation since 2007

SNSC got the 1st NABL Accreditation Certificate
Valid on 24.07.2007



External Quality assessments, Audits and the Reviews



Sri Nathella Sampathu Chetty Clinical Laboratory, Sankara Nethralaya (A unit of Medical Research Foundation) **Since 1982**

- Clinical biochemistry & Sp Cl Biochem:
- Cl hematology and Cl pathology
- Cl Microbiology and Serology
- Ocular Histopathology and cytopathology
- Ocular Genetics
- **Molecular Diagnostics Laboratory**
- **Outsource to Referall Laboratory :
Metropolis - MOU**



Molecular Diagnostics Lab



**SRI NATHELLA SAMPATHU CHETTY
CLINICAL LABORATORY, SANKARA NETHRALAYA
(Unit Of Medical Research Foundation)
QUALITY POLICY ISO 15189:2012**

“We at the clinical laboratory commit to provide Quality Medical Laboratory Service in terms of generating reliable patient test reports on time, using appropriate technology of international standards and ensure continual improvement through committed and competent staff who ensure to abide by the policies and procedures of the laboratory at all times with complete awareness of the required documentations.”

OBJECTIVES

1. To comply with ISO 15189:2012 standards at all time.
2. To maintain technical excellence by using standard technology.
3. To ensure compliance with the statutory and regulatory requirements.
4. To ensure adequate resources and staff competence for effective service.
5. To ensure testing and reporting results in an effective and timely manner.
6. To ensure continued patient satisfaction.
7. To ensure continual improvement in the processes and services.

Date: 14.06.2022

Dr. N. Angayarkanni
Dr.N.Angayarkanni Ph.D
Director-Laboratory Services
Management Representative



Biochemistry



Clinical Pathology
Cl Hematology



Clinical Microbiology
&Serology



Histopathology



Clinical Genetics

Heads/In-charge & Signing Authorities in Laboratory services



Dr.N.Angayarkanni Ph.D
Biochemsitry & Director



Dr.R.Harini MD
Quality manager



Dr.AR.Anand Ph.D
Microbiology & Serology



Dr.Dhanurekha Ph.D
Molecular Diagnostics



Dr.Pralitha Madhuri MD
Microbiology



Dr.S.Krihnakumar MD
**Histopathology &
Cytopathology
CI Hematology &
CI Pathology**



Dr.Jyotirmay Biswas MD
Ocular Histopathology



Dr.Suman.H.Kalantri MD
**CI Hematology &
CI Pathology**



Dr.S.Sripriya Ph.D
Genetics

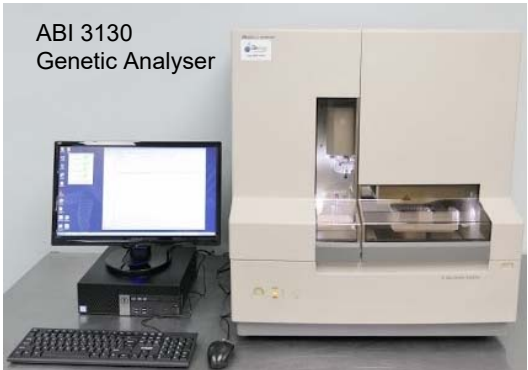
State of the Art -Facility



DadeDimension RXL
Clinical chemistry analyzer



DXH Unicell 800-HAEMATOLOGY ANALYZER



ABI 3130
Genetic Analyser



Rotor Gene Q Real time
PCR machine - Qiagen

Rotor-Gene Q



QIAGEN



We train around 20+ intern students every year as part of the Medical Laboratory Technology (UG/PG) affiliated to the The TN Dr.MGR med univ

Training Program / CME are a continuous process



- Exclusive **Pediatric phlebotomy training** was conducted by Becton Dickinson in Dec-2022
- Clinical Haematology department organised -CME Programme Title : **'Utility of histograms & scatterplots'** 2022,
- CME Programme **"Laboratory medicine quality management systems"** by Prof.Dr.C N Srinivasan and team (Dec 22)

Dr. N.Angayarkanni & Dr.Bharath Selvi participated :

- Workshop on **"Clinical Diagnostics highlighting the importance of Mass Spectrometry "** at Spinco Towers on 28th July 2022.
- Spinco workshop **"5th National Conference on Frontiers in MS Technology and Emerging Applications"** at ITC Grand Chola on 24.11.2022.

Awards / Acheivements



Our Phelbotomy unit is the top scorers
At the National level audit

- NATIONAL LEVEL PRE –ANALYTICAL QUALITY CHECK AUDIT conducted by BD (2023)
- “Winner of National champion award” 2021- 2022 by BD (Becton Dickinson): Phelbeotmy Quiz:
- “ Runner up : 2023

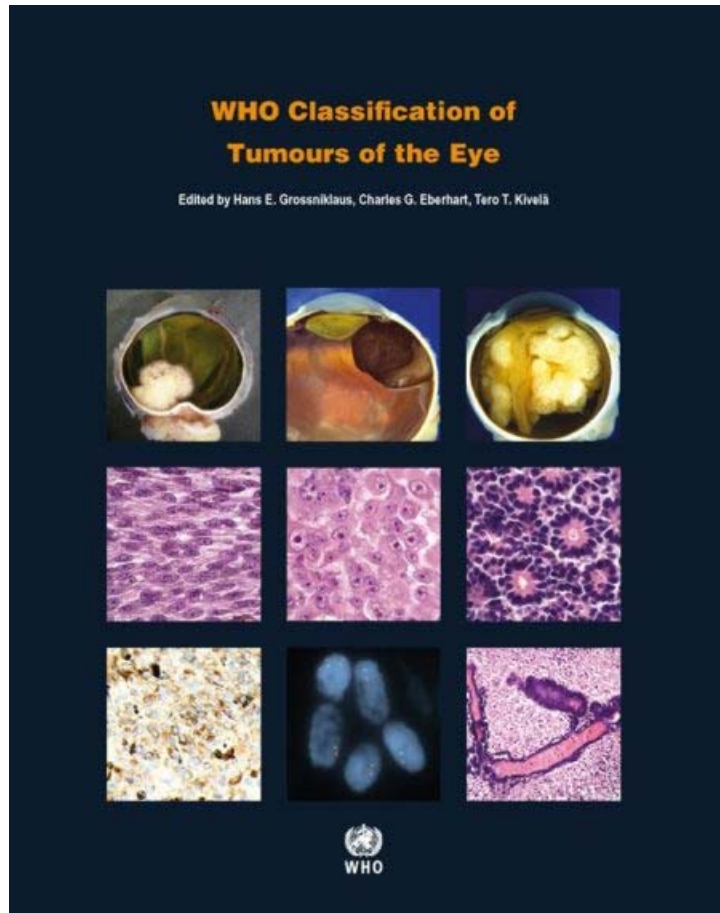
Genetic counselling

Pre-test genetic counseling discussion offered under the code GCS :
672 patients were counseled and
350 patients underwent genetic testing in 2022

Post Test genetic counseling discussion is offered to the patients to discuss the genetic test results under the code TGCS and 52 patients were counseled since April 2022



Fifth edition [Dr.S.Krishnakumar MD \(pathology\)](#),
3 chapters as senior author



Best Pathologist: [Dr.S.Krishnakumar MD \(pathology\)](#),



Meetings / Speaker:

Dr.N.Angayarkanni delivered a Special Guest Lecture entitled " **Clinical Chemistry and Laboratory Science Techniques**" at University of Madras, Taramani Campus on 17.03.2022.



Dr.N.Angayarkanni participated 1st **National Lab Directors Conclave** on 30th & 31st January 2023 at KIMS Hospital, Secunderabad, Telangana



“Enriching Quality and competency in Clinical biochemistry for better patient care”, in the clinical biochemistry Association, CBACON 2023, Chennai

- Dr.Harini participated from SN in the NABH ECO standards internal auditor training in February 2022 & was certified to be an internal NABH auditor.
- Dr.Harini, Quality Manager and Dr.Pralitha Madhuri G , Microbiologist underwent ISO 15189 : 2022 new standard training and were certified.

Conferences/Meetings :

Conference Name:	Title	Place	Presentation	Faculty
UKRI – Engineering and physical council-Proteus project global meeting	Evaluation of probes for rapid detection of pathogens in ocular specimens	University of Edinburgh, Edinburgh/ 06-09-22	Invited talk	Dr. A.R. Anand
Microcon-22	Nanopore sequencing in detection of bacteria from canaliculitis	KIMS-Bhubhaneswar/25-11-22	Poster	Dr. A.R. Anand Dr.Dhanurekha
Microcon 2023 conference	Invitro Evaluation of Macrolides and Linezolid against Pythium insidiosum isolates from Keratitis cases	Kalinga Institute of Medical science, Odisha 23.11.22 to 27.11.22	Poster	Dr.Dhanurekha
workshop on Digital PCR		Adyar Cancer Institute 4.1.23 and 5.1.23	Workshop	Dr.Dhanurekha
	Role of Clinical Microbiologist in combating Antimicrobial resistance	Microbiology Department, Government Kilpauk Medical college in collaboration with The Tamil nadu Dr. MGR Medical University -29.11.22	participation	Dr.Dhanurekha

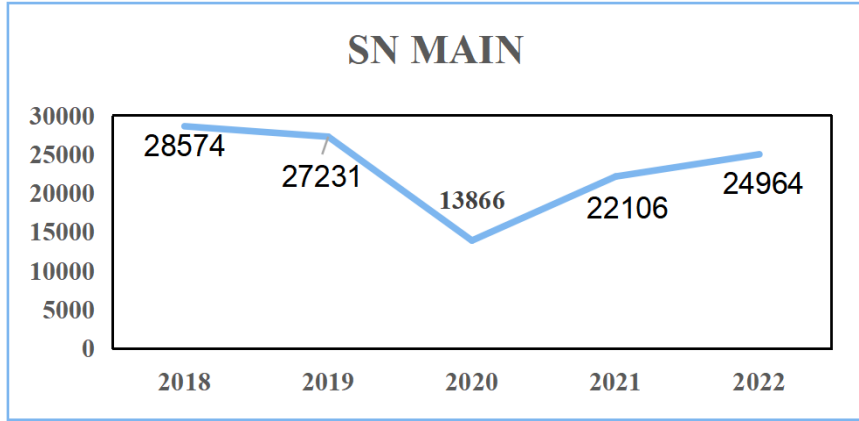
WE ARE IN A CONTINUOUS PROCESS OF
IMPROVMENT

CONSULTANT SATISFACTION IS IMPORTANT :
DIALOGUE IS KEY

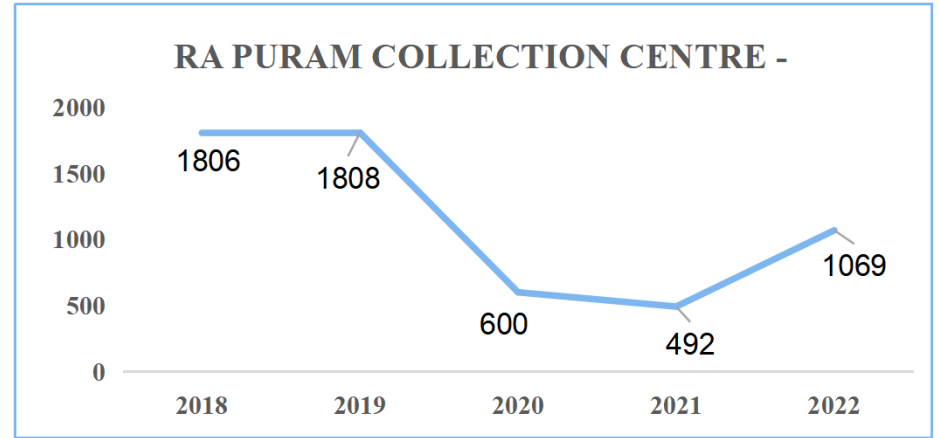
Names of distinguished visitors to the Clinical Laboratory (01.04.2022 – 31.03.2023)

- Dr.Swetha & Team from Mumbai (SN Alumni Members) visited the department on 02.07.2022 to observe the facility
Johnson & Johnson Team visited the department on 21.07.2022 to observe the facility.
- Col.Madan Deshpande & Dr.Lokchand Janyani Nirmal, Seva Sadan Eye Hospital, Pune visited the department on 11.02.2023 to observe the facility
- Dr.Madhan Jayaraman & Team from Sri Lalithambigai Medical College visited the department on 24.08.2022 to observe the facility.
- Aravind Eye Hospital Team from Madurai & Coimbatore branch visited on 10.03.2023 to observe the Laboratory Information System (LIS) & EMR facility at SN as headed by Dr.Ram Mohan (Microbiologist), Aravind Eye Hospital, Coimbatore .
- Students from IIT Madras as part of DBT Fellowship programme at IIT Madras visited the department through Dr.Sheila John on 22.11.2022.

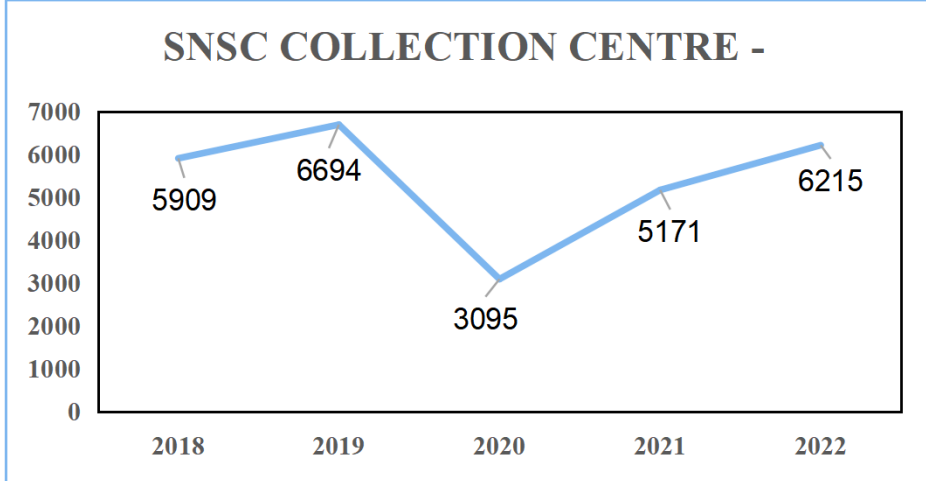
TOTAL NUMBER OF COLLECTION SN MAIN JAN'22-DEC-22



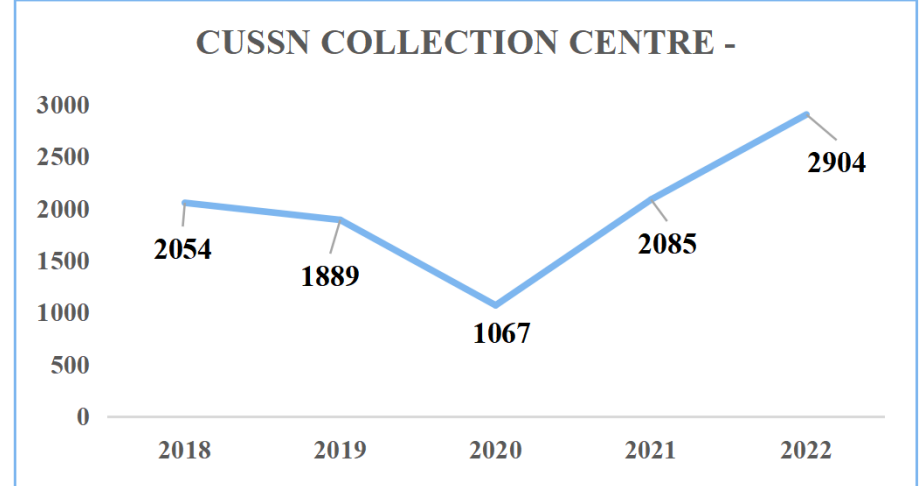
TOTAL NUMBER OF COLLECTION RA PURAM JAN'22-DEC-22



TOTAL NUMBER OF COLLECTION SNSC COLLECTION CENTRE JAN'22-DEC-22



TOTAL NUMBER OF COLLECTION CUSSN- JAN'22-DEC-22



Total Investigations-2022

Clinical Laboratory	TOTAL INVESTIGATIONS 2022
Clinical Biochemistry	112802
CI Hematology, CI pathology	186281
Histopathology Cytopathology	3236
Microbiology Serology Microbiology Surveillance	33438 3238
Molecular Diagnostics	1915 (Jul-Dec'2022)
Genetics	380



THE LABORATORY TEAM

