

**Clinical Biochemistry Unit**  
**Department of Biochemistry**  
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**New Delhi – 110 029**

**JOURNEY OF CLINICAL BIOCHEMISTRY UNIT TOWARDS**  
**NABL ACCREDITATION**

Clinical biochemistry unit is dedicated to provide patient care services in the field of biochemistry to produce accurate and precise test results to ensure appropriate and timely patient care. The laboratories are equipped with fully automated analyzers, trained manpower and adequate infrastructure. Routine and special biochemical tests are performed in the laboratory with well-defined turnaround time (TAT). The Biochemistry lab, NEB was setup in Feb 2018 and provides quality health services to 500 bedded hospitals round the clock (24X7).

The laboratory has established and implemented the quality system which documents its policies, quality procedures and standard operating procedures to assure the quality and accuracy of test results. All staff members have been fully trained in quality documentation and are committed to comply with the policies and procedures laid down as per ISO 15189:2012. The quality management system of CBU covers extensive internal quality controls, external quality assurance including proficiency testing, inter-laboratory comparison, internal audits and other quality improvement programmes conducted by quality team. Our laboratory also ensures continual improvement of the quality management system by regular meetings and review of quality policy, quality goals, complaints and feedback from clinicians and patients. Internal management review meetings are conducted annually and as and when required to review the actual performance of the laboratory with the goals stated in our quality policy and objectives.

Steadily, the department ventured towards accreditation of the laboratories by external agency, NABL, so as to get its quality work certified and to ensure trust and rapport with its consumers (patients and clinicians) and providing confidence in diagnosis and treatment. For this mammoth task of accreditation in the category of 'very large laboratory' in a government setup catering to more than 1600 patients per day and 4.5 lakh investigations per month; preparations were being done more than one year before submitting the application to NABL. Staff was trained for ISO 15189:2012, documents & manuals were prepared, files & registers were streamlined and compliance towards all the clauses of ISO 15189:2012 & NABL-112 were ensured through repeated faculty and staff meetings.



Finally, the department was confident of all compliance and was able to apply for NABL accreditation in Jan 2021.

NABL audit of Clinical Biochemistry Unit for all the labs was conducted on 14<sup>th</sup>& 15<sup>th</sup> July 2021. The audit was very successful and the department received much accolade. The NABL certificate is awaited very soon adding a bright feather on all these efforts.