



chiron

Chiron is a cutting edge **cloud based IOT enabled** laboratory information management system (LIMS).

Meeting an end-to-end set of laboratory requirements ranging from logistics/specimen tracking, through to instrument interfacing and result sign-out with everything in between, this product delivers results. It enables and supports key compliance frameworks defined by governments and industry bodies while simultaneously pushing the boundaries of efficient and accurate result reporting.

Some of the modules Chiron offers include:

- Multiple subsidiaries within your broader organisation
- Multiple administrative branches, bleeding rooms, mini-labs, laboratories and more
- Callout/Ticketing
- Logistics/Collection and specimen tracking/transfer between couriers and labs
- Requisition/Lab form entry and scanning with upload to data lake repositories for both short and long term persistence
- Receipting of payments at the front desk
- Dynamic intelligent laboratory result processing queues across various pathology disciplines including clinical, microbiology, cytology/histology
- Quality control and calibration cues which further support compliance, coupled with Levey-Jennings plots
- Our state-of-the-art graphical sign-out chart which has been proven to assist in quick and accurate diagnosis. Spot abnormal results and draw a clinical picture in seconds.
- Route printing to hospitals, research facilities, laboratories and partner doctors practices
- Stock and consumable tracking with just-in-time order reporting and triggers
- Full audit trails on lab requests together with access to digitized versions of hard-copy requests
- Allocate roles and users to specific branches and departments. Define permissions and access levels the way you want.
- Instrument and analyzer asset tracking registry
- Dashboards and widgets which enable you to determine laboratory throughput, turnaround-time metrics and bottlenecks. Identify silos within the laboratory which require higher performance
- DoctorsPortal where your requesting and referring physicians and specialists may log in and inspect progress, view/download results and more
- SMS-ing of results to doctors and/or patients
- Interfaces with 1000's of instruments from manufactures such as Beckman Coulter, Siemens, Roche, Sysmex, Abott, Thermofisher and more
- Integration options with third-party insurance and medical aid switching providers
- Integration options with ERP's
- Platform independent web client works on Windows, iOS and Linux

Find out more at <http://www.chironeone.cloud>

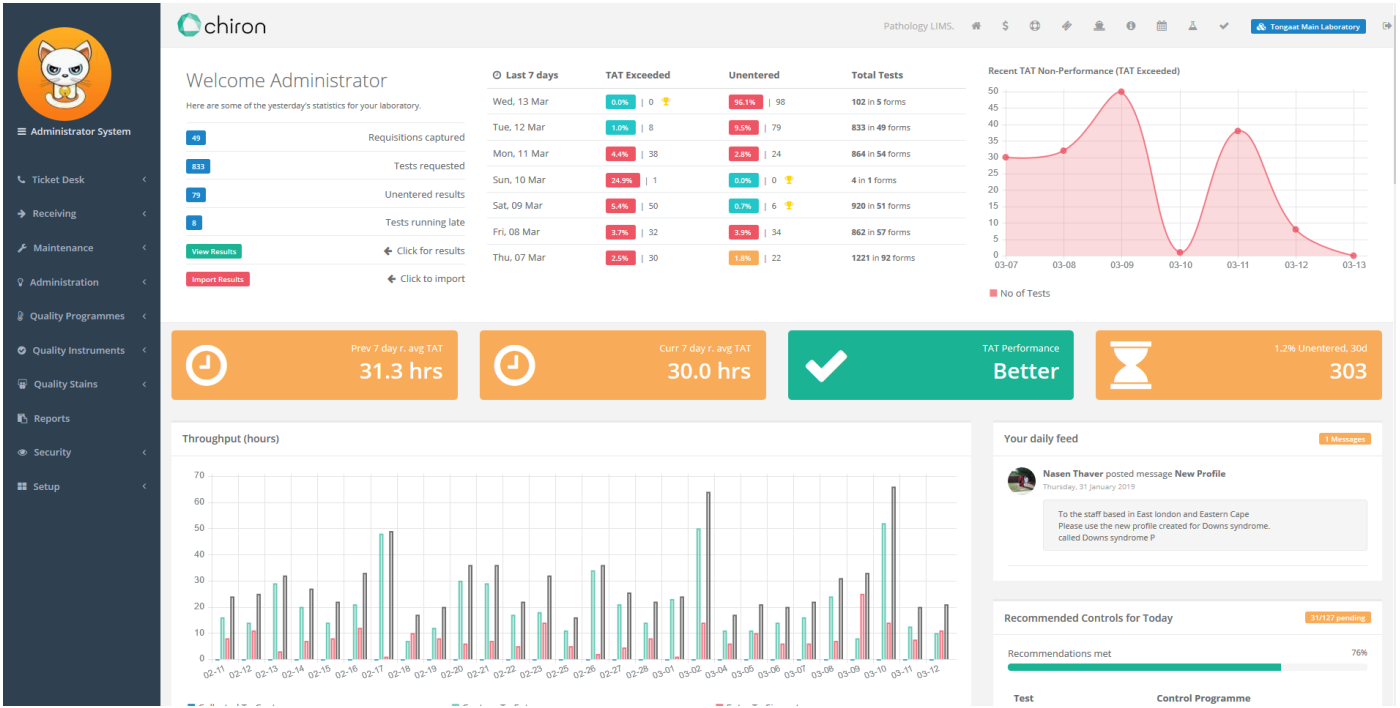


Figure 1 - Operations Dashboard

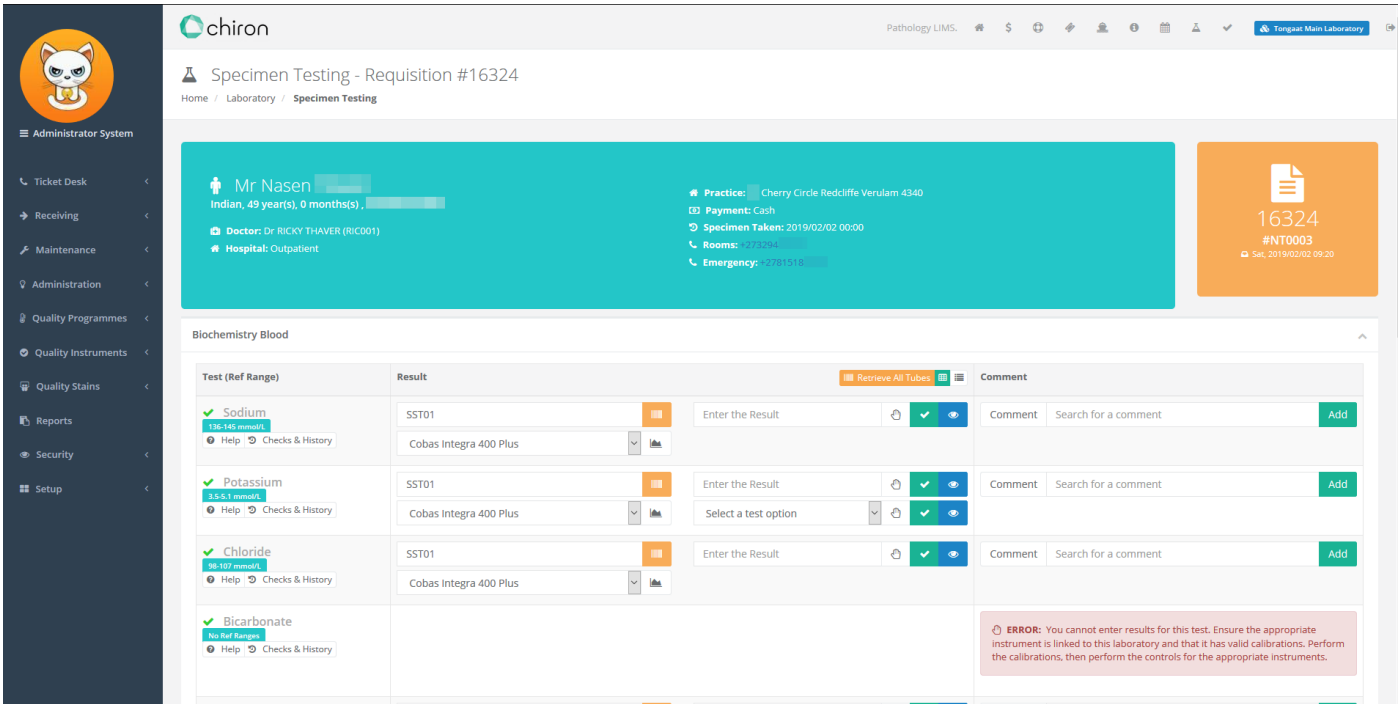


Figure 2 - Result Entry

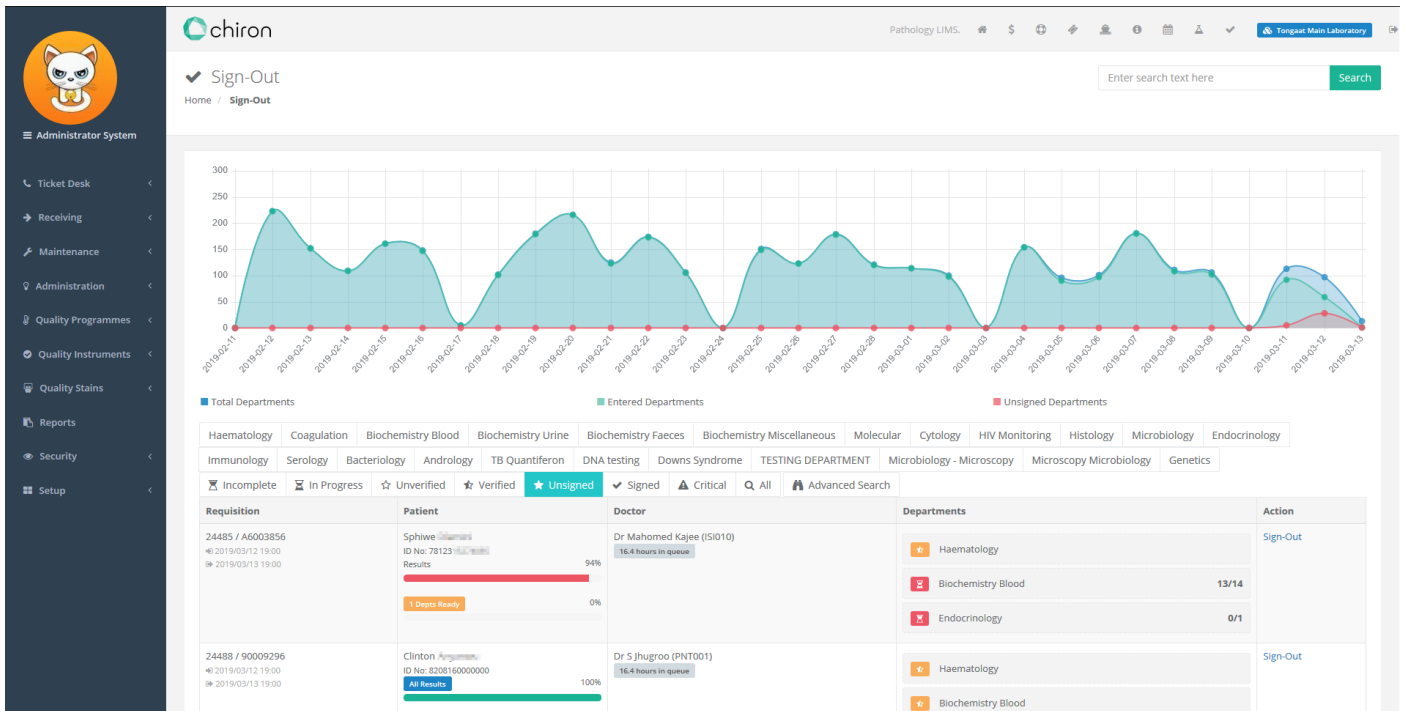


Figure 3 - Sign-Out Queue

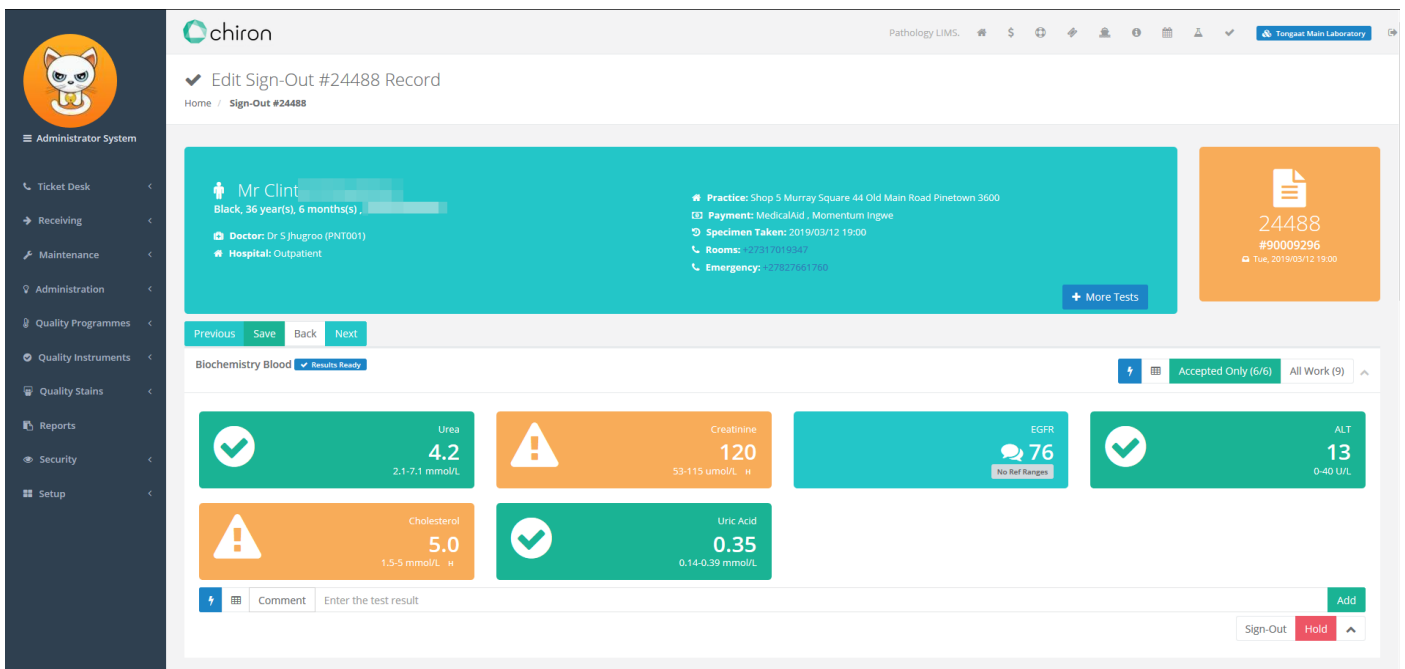


Figure 4 - Sign-Out Quick View

chiron Pathology LIMS. Tongaat Main Laboratory

✓ Edit Sign-Out #24488 Record
Home / Sign-Out #24488

Mr Clinton
Black, 36 year(s), 6 month(s)

Practice: Shop 5 Murray Square 44 Old Main Road Pinetown 3600
Payment: MedicalAid - Momentum
Specimen Taken: 2019/03/12 19:00
Rooms: 27317018547
Emergency: +27837661780

24488
#90009296
Tue, 2019/03/12 19:00

Previous Save Back Next

Biochemistry Blood Results Ready Accepted Only (6/6) All Work (9)

| Test | Result | Comment |
|--|--|--|
| Urea Performed on Cobas Integra 400 Plus by Ukalen G... QC History | 4.2 Mar 13 01:53 Current 2.1-7.1 mmol/L Not On Hold Accepted | Comment Enter the test result Add |
| Creatinine Performed on Cobas Integra 400 Plus by Ukalen G... QC History | 120 Mar 13 01:53 Current 53-115 umol/L Not On Hold Accepted | Comment Enter the test result Add |
| EGFR Performed on Cobas Integra 400 Plus by Ukalen G... QC History | 76 Mar 13 03:35 Current No Ref Ranges Not On Hold Accepted | Ukalen G... says: Interpretation of the Estimated Glomerular Filtration Rate according to the National Kidney Foundation: Estimated GFR > 60 = Normal renal function or mild renal impairment Results are standardized for a body surface area of 1.73 m2. The Estimated GFR is not a sensitive test for renal failure and cannot be used to indicate mild renal impairment. The estimation is not valid for persons younger than 18 years or pregnant females. |

Figure 5 - Sign-Out Traditional View

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