

AI-ENABLED DISCHARGE SUMMARY GENERATOR







“Reduced discharge TAT, save medical staff time & Improve patient satisfaction”



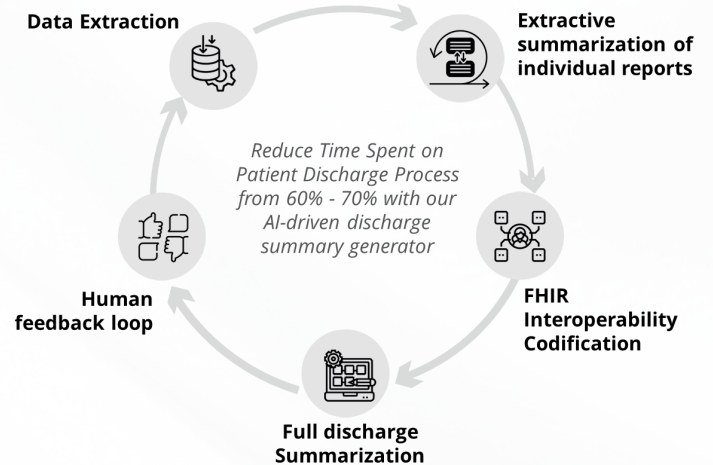
OUR SOLUTION

An AI-enabled automated solution that allows hospitals to prepare final discharge summaries within minutes of discharge intimation. It assimilates and analyzes clinical data from various sources to generate accurate, comprehensive FHIR-compliant summaries, facilitates faster claims exchange using NHCX, and improves operational efficiency and patient satisfaction.

KEY FEATURES




-  Data integration with different sources (EMR, RIS, LIMS, HIS, Pharmacy)
-  Day wise Summarization of encounter
-  FHIR Standards Compliance
-  Automated Summary Generation
-  Workflows for discharge summary approval by treating physician.
-  Feedback loop to improve the summarization

How Automation Can Streamline Workflows?



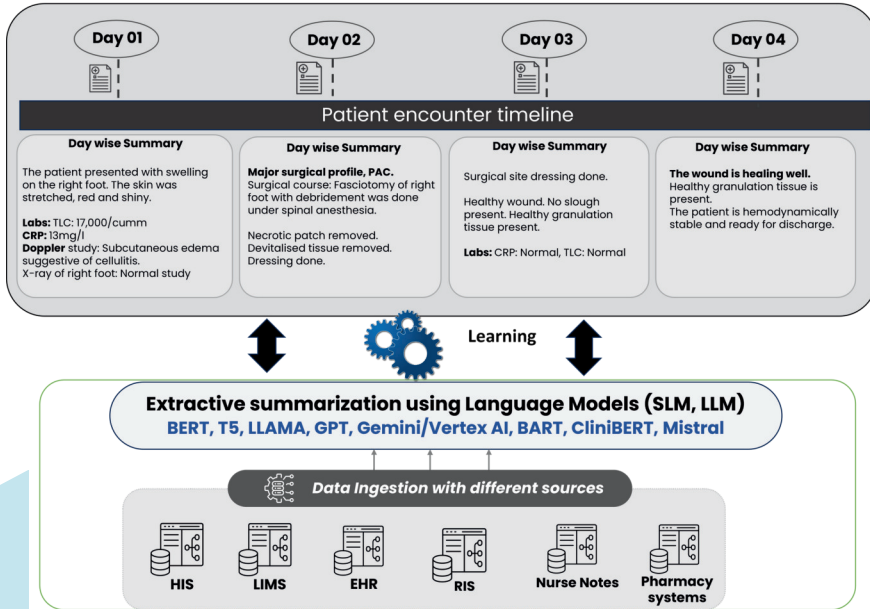
WHY CHOOSE US?

We leverages cutting-edge AI and NLP to deliver accurate, real-time discharge summaries, ensuring seamless communication and reduced delays for optimal patient care.

-  Automating labor-intensive tasks
-  Faster claims exchange
-  Integration with EHR Systems

OVERVIEW

Admitted Patient



Approval Workflow



Final Discharge Summary

Discharge Summary	
Summary	Details
Summary	D. Sathishan
Patient Identification	Name: D. Sathishan Date of Birth: January 1, 1980 Medical Record Number: 123456
Date of Admission	April 1, 2023
Date of Discharge	May 25, 2023
Reason for Admission	Patient presented to the emergency department with severe chest pain radiating to the left arm, accompanied by shortness of breath and sweating. Initial ECG findings and elevated cardiac enzymes confirmed the diagnosis of Acute Myocardial Infarction (heart attack).
Procedures Performed	Coronary Angiogram revealed a 90% stenosis in the left anterior descending (LAD) artery. Coronary Artery bypass and placement of a drug-eluting stent were successfully performed by interventional cardiology.
Medications Prescribed	- Aspirin, 81 mg daily (antiplatelet agent for heart health) - Atorvastatin, 40 mg daily (to manage cholesterol levels) - Metoprolol, 50 mg twice daily (beta blocker to control heart rate and blood pressure) - Nitroglycerin, as needed (for chest pain relief)
Patient's Condition at Discharge	At discharge, the patient's condition was stable. All interventional chest discomfort was reported but significantly improved compared to admission. The patient was ambulatory and independent in performing activities of daily living. Vital signs were within normal range. Cardiac rhythm was sinus rhythm with no significant ectopy.
Follow-up Care Instructions	Medication: Continue all prescribed medications without interruption. Diet: Follow a heart-healthy diet low in sodium, saturated fat, and trans fat. Activity: Gradually increase activity levels as tolerated. Return for urgent follow-up, including re-evaluation in the interventional catheterization laboratory. Contact your primary care physician for long-term management. Contact your cardiologist if you experience any symptoms of heart failure or other concerning symptoms.

BENEFITS



Hospitals

- Ensure operational efficiency & cut costs by 30%- 50% by automating labor-intensive processes.
- Improving Discharge TAT & Patient satisfaction.
- Faster release of Beds leads in improvement in Top-line.



Medical Staff

- Flow: Clear timeline of patient's journey enhances continuity of care.
- Insightful Trends: Identifies critical data to prevent complications
- Speed & Precision: Instant, accurate summaries for better decisions and fewer errors.



Patients

- Reduced discharge TAT makes patient happier
- Faster claims processing
- More time with treating physician
- Enhanced Follow-Up Care & Communication (Follow-up appointments, medication schedules, and dietary recommendations.)



WHO WE ARE

Founded in 2022, Achala Health is driven by a passion for transforming healthcare with innovative technology. By blending industry expertise, practitioner insights, and cutting-edge solutions, we create patient-centric applications that elevate the experiences of patients, doctors, and healthcare practices.



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