

Bihar 1st Hospital to Deploy an AI Assistant for Patient Care

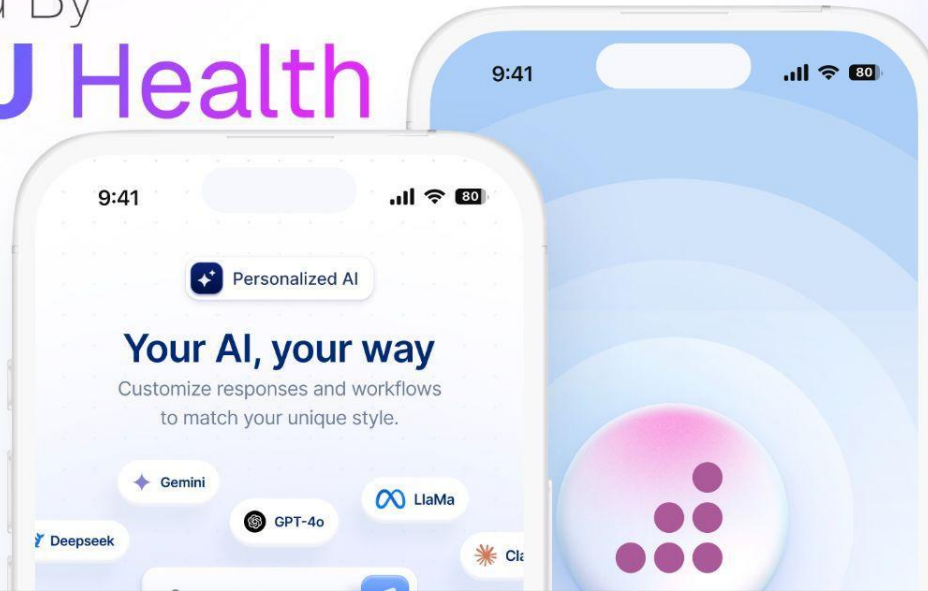


10th Edition

CAH TECH 2025



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Why Do We Need **Digital Front Door** That Feels As Responsive And Empathetic As A **Care Coordinator**?



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Digital Leakage - Poor Marketing ROI



98% Drop Off
We had 25,000+ monthly website visitors, yet only 2% converted into bookings

Operational Overload — Slow Response, Lost Patients



30 mins Average Response Time
Our call center handled 3500+ weekly inquiries

Fragmented Experience & Missed Cross-Sells



₹2Cr Revenue Lost
Patients used different numbers for booking, billing, and reports. We were missing ₹2Cr a year in related services.

Long Waits = Lost Trust



25-30 mins

Wait time
Even booked patients waited 25-30 minutes for registration. In today's world, patients expect Amazon-like convenience — instant, simple, and seamless.

The Problem: Missed Patients, Missed Revenue, Missed Experience

30+ years old
Legacy of Bihar.
400+ Beds



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Pre Tulu Health Launch



Marketing ROI is low despite high traffic:
25K visitors and **1M** Social Impressions
98% of website visitors dropped off

Overburdened 4 Staff still
Avg response time: 30-40 min
patients lost patience

Patients used **different numbers** for
booking, billing, and reports.
We were missing **₹2Cr** a year in related
services — pure leakage.

“This Solution 5x our online
bookings in 15 days and freed up
our call center staff to focus on
high-value patient cases.
Patients loved the instant, local
engagement.”

- Dr Sambit Das, CEO

Impact on Patient

“From anxiety at 10 PM to clarity in minutes — AI turned patient frustration into confidence.”



Patient Stories



Elderly Patient Struggles with Calls → Guided by AI

“I couldn’t get through on the hospital line. The assistant helped me share my symptoms and select a cardiology appointment without calling anyone.”

2. Late-Night Neuro Query → Next-Day Booking

“I reached out at 10 PM, unsure if anyone would respond. Within minutes, the assistant guided me to Dr. Anwar Alam, took my details, and confirmed a morning slot.”

3. Post-Surgery Rehab Query → Routed to Physio

“After my knee surgery, I just typed ‘I need physiotherapy.’ The assistant instantly connected me to the physio department and shared available slots.”

Impact on Hospital

Business And Operational Excellence



Progress So far



Conversion rate of **15%** with
Lead to appointment rate **>90%**

The AI handled **4000+ messages**

After-Hours (8PM –8AM) **>20%**
Local Language - **12%**

≈80 hours/month saved
Reduction in Call drop for 320 Patients

Projected Annual Progress



≈2500 qualified leads/year,
≈2000 bookings/year directly driven by AI

The AI will handle **>200,000+ messages**
and 10000+ patients

Patients now use a single WhatsApp and web interface. will boost cross-sell adoption to **10–12% in monthly ancillary revenue.**

≈1500 staff hours/year saved
80% reduction in staff time spent on FAQs and scheduling.
Saved salary for 6 employees

SCALABILITY OF THE SOLUTION

Built Once, Scales Everywhere.



Plug-and-play for any hospital

Uses standard website + WhatsApp integrations.
Plug and Play AI Agents through open API



Quick Deployment

Trains on hospital-specific FAQs;
Rapid hospital deployment—**live in 2 weeks**



Safe Modern infrastructure

Built on modern technology stack- AWS
Data security compliance (HIPAA, etc.)



Rich healthcare and Geography context

Adaptive AI learns **hospital-specific language & tone**.
Supports **multi-location** hospitals and **90+ regional languages**.

If scaled across 5 hospitals →
10,000 patients × 5 =

50,000 served annually

Why Healthcare Providers Choose This?

USEFULNESS FOR OTHER HOSPITALS

Innovation With Measurable Adoption

Increases new patient
acquisition by

5-8x

First hospital in Bihar using
multilingual AI for real
appointment booking.

Reduces missed call leakage
by

40%

24x7 AI replacing manual call
center workload

Enables responsiveness without
expanding staff.

24x7

*"For the first time, our front desk slept while
patients still booked appointments."*

– Ruban Hospital Admin



Your Journey Starts Here

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