

The background features large, overlapping purple geometric shapes, including squares and rounded rectangles, some with white diamond-shaped cutouts. These shapes are arranged in a pattern that suggests a stylized 'J' or a similar abstract form.

# Janitri

Innovating for Saving Lives at Birth

AS SEEN ON  
**SHARK  
TANK**  
**INDIA**

# Did you know?

Globally, 223 mothers die in 100,000 live births.

In 1000 live births, 19 babies die during delivery or post-delivery

In India, in 1 lakh live births, 97 mothers die after pregnancy, delivery, or post-pregnancy.

In 1000 live births, 26 babies die during delivery or post-delivery.

80%

of complications can be avoided by closely monitoring the mother and baby in the last three months before delivery and during labor, along with making informed decisions.

# Current Challenges

## **Lack of Monitoring in Maternal and Newborn Care:**

- 800 daily maternal deaths.
- Only 58.1% pregnant women get only 4 antenatal visits.
- 14.7% global births with low birth weight in 2020.

## **Delay in Early Decision Making:**

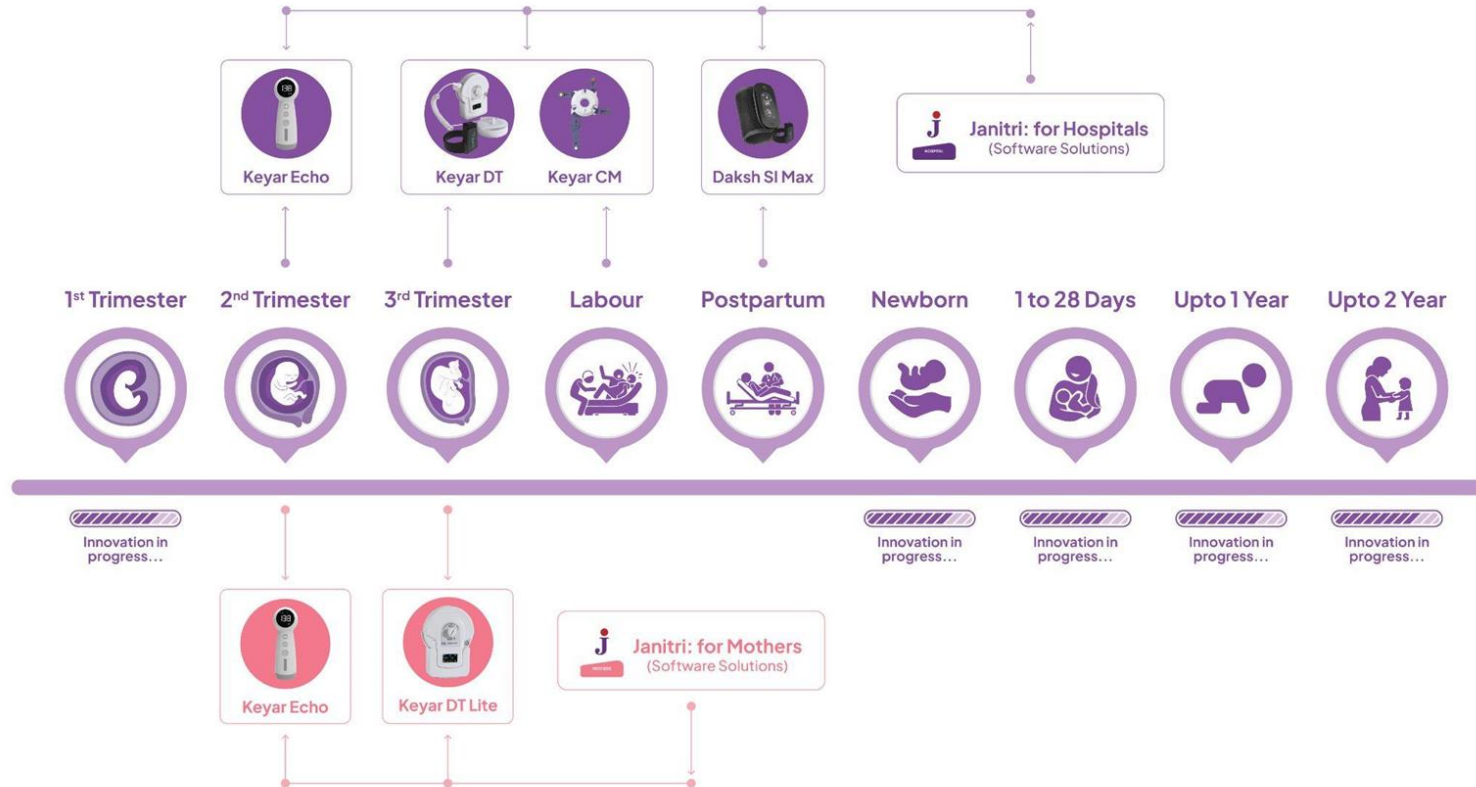
- 37.5 health workers per 10,000 in India (below WHO's 44.5)
- 50% global health worker deficit

A close-up photograph of a woman with dark hair kissing her newborn baby on the forehead. The baby is wrapped in a white blanket and is sleeping peacefully. The woman's eyes are closed, and she has a gentle expression. The background is softly blurred, showing a warm, indoor setting. In the top right corner, there are several overlapping purple circles of varying sizes. The text 'Our Solution' is overlaid on the bottom left, with 'Our' in white and 'Solution' in white with a red circular background behind the 'S'.

# Our Solution

“In 1000 days journey, solving the lack of vitals monitoring and early decision-making with the wearable devices, app and AI/ML-based solution in different phases”

# Covering 1000 days journey





# Our Solutions

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Hospital Monitoring  
Products Offerings





# Keyar DT



# Keyar DT

## Wireless & Portable Fetal Monitor

Familiar Doppler and TOCO probes in wireless avatar.  
Suitable for prenatal NST and fetal monitoring during third trimester and active labor. The device can be used from 28th week onwards.



Measuring parameters

FHR and UC

Additional Consumables

Ultrasound Gel

Package Includes

Doppler, TOCO, SpO<sub>2</sub> device, Ultrasound gel, Belts



# Why Choose Keyar DT?



## Mother's Mobility

Wireless probes allow monitoring throughout the birthing process.



## Clear Heartbeat Sound

High-quality probes with multiple sensors gives clear fetal heartbeat sound.



## Twin Monitoring

Connect an additional Doppler probe to monitor two fetuses at the same time.



## Auto-Interpreted cCTG Reports

Auto-Interpretation of baseline acceleration, STV, and other cCTG parameters.



## Remote Monitoring

Access live graphs and digital records on your mobile with our doctor's app.



## Monitors All Presentation

Flexible placement of probes allows getting readings of fetal presentation.



# Keyar DT Pro

Wireless and Portable Fetal Monitor

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A reliable CTG machine to carry with you anytime anywhere.

## Key Features

- Remote monitoring
- Automated alerts and alarms
- Auto-interpreted cCTG reports
- Continuous monitoring of MHR, FHR and UC

## Package Includes

Doppler | TOCO | Belts | Ultrasound Gel | Charging cable | Twin probe



# Keyar DT Max

## Wireless and Portable Fetal Monitor

A portable and smart CTG machine with most advanced features.

### Key Features

- Remote monitoring
- Automated alerts and alarms
- Auto-interpreted cCTG reports
- Automated fetal movement marker
- Continuous monitoring of MHR, FHR and UC
- Pocket-sized speaker to listen heartbeat

### Package Includes

Doppler | TOCO | SpO<sub>2</sub> device | Belts | Ultrasound Gel | 10.1" Touch Monitor | Charging cable | Speaker | Fetal movement marker | Twin probe | Trolley (Add-on)





# Keyar CM



# Keyar CM

Beltless fetal monitoring device that uses ECG and EMG signals to monitor cephalic presentation post 36+ weeks or during active labor.



Measuring parameters

FHR, MHR, UC.

Additional Consumables

Electrodes

Package Includes

CM Patch, Electrodes, Type C USB cable

# Why Choose Keyar CM?



## Single Time placement

No need to move the probe to relocate the baby's heartbeat.



## Bring Mother's a Comfort

The patch facilitates painless and easy monitoring during active labor



## Continuous Monitoring

Get constant readings of fetal and maternal vitals throughout the labor



## Auto-Interpreted cCTG Reports

Auto-Interpretation of acceleration, baseline, STV, and other cCTG parameters.



## Remote Monitoring

Access live graphs and digital records on your mobile with our doctor's app



## Digital Reports

Print reports with any printer on A4 paper and say goodbye to thermal paper.



# Keyar Duo Max

## Portable Smart CTG Machine

A comprehensive solution integrating  
Ultrasound & ECG-based fetal monitors, and software.

### Key Features

- Remote monitoring
- Auto-interpreted cCTG reports
- Monitors all fetus presentation
- Automated fetal movement marking
- Continuous monitoring of FHR, MHR, UC
- Pocket-sized speaker to listen heartbeat

### Package Includes

Doppler | TOCO | Keyar CM | SpO<sub>2</sub> device | Belts | Ultrasound Gel | 10.1' Touch Monitor | Charging cable | Electrodes | Speaker | Fetal movement marker | Trolley  
(Add-on)





# Daksh SI Max





# Daksh SI Max

## Smart Obstetric Shock Index Monitor

A portable medical-grade wireless monitor to predict Postpartum Hemorrhage risk

### Key Features

- App-based interface
- Built-in digital display for vitals
- Auto-calculated SI readings with graph
- Check past SI trends
- Monitor Heartrate, BP, SpO<sub>2</sub> , OSI

### Package Includes

SI Monitor | SpO<sub>2</sub> device | 10.1" Touch-screen | Charging Cables | Trolley  
(Add-on)



# A Wireless SI Monitor to Predict PPH Risk



## Early Prediction of PPH

Get postpartum hemorrhage risk predicted on an early stage with the help of OSI values



## Easy to Use Software Application

Built-in bluetooth allow easy connection with the software



## Remote Monitoring

Access to patient's details and past records



## Blood Pressure and Heart Rate Monitoring

Acces to accurate blood pressure and heart rate values to take timely action



## Auto generated SI readings

Auto-Interpretation of OSI levels, blood pressure, heart rate and SpO<sub>2</sub> levels along with graphs & insights



## Timely Alerts

Built-in alert system to notify doctors and nurses regarding the patient's condition



# Keyar DT Max Plus

Wireless Fetal, Maternal & Shock Index Monitor

A portable and smart CTG machine with a shock index monitor.

## Key Features

- Remote monitoring
- Central monitoring
- Digital partograph
- Get important labour score
- Get critical alerts & alarms
- Continuous monitoring of FHR, MHR, UC
- Auto-interpreted cCTG reports
- Auto-calculated SI readings with graph
- Check past SI trends
- Digital Case Sheet
- Hospital Referral Feature
- Predict PPH risk

## Package Includes

Doppler | TOCO | SpO2 device | Belts | Ultrasound Gel | 10.1' Touch Monitor | Charging Cable | Speaker | Fetal Movement Marker | BP & Pulse Monitor | A4 Printer | Trolley and Printer (Add-on)





# Janitri: for Hospitals

(Software)



# Our Software Solutions



## **Janitri for Hospitals**

Hospital Monitoring Application



## **Janitri for Mothers**

Home Monitoring Application

# A New Age Fetal-Maternal Monitoring Software



## Auto-interpretation

Make faster and more accurate decisions with ready baseline, acceleration, STV, other CTG parameters.



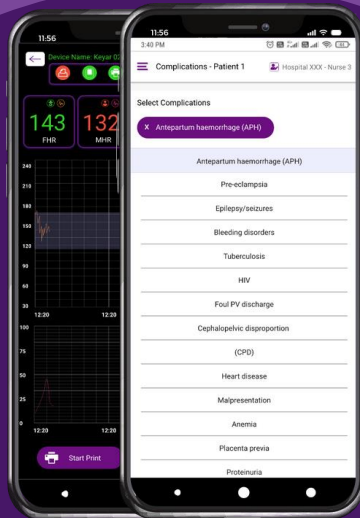
## Complete Labor Monitoring Tool

includes WHO-approved digital partograph and post-partum monitoring protocols.



## Access Patients Health Record

Staff nurses can view history of care within a hospital system & keep a track of any changes that have been made.



## Important Labor Scores

Get automated important labor scores like Bishop, APGAR & Robson's Classification.



## Timely Alerts

Creates timely alarms and alerts for critical labor parameters

# Software Application for Complete Digitalisation of Labor Room

Nurse application to record data and access report

Doctor's interface to access data and reports remotely

Dashboard for all stakeholders for reports & patient data



- Digital case sheets
- Auto interpretation of FHR & UC graph
- Auto-generated partograph
- Alerts and alarms
- All patient data access
- Cloud storage

# Application Interfaces



## Nurse's Interface

Admit patients and connect Keyar device for monitoring & data access



## Doctor's Interface

Remotely access live graphs and past records anytime anywhere



## Dashboard /Central Monitor

View all patients live graphs in single screen.



# Nurse's Application

The Nurse's Login provides live FHR, MHR, and UC graphs, admission notes, and digital consent for all labor ward mothers. This allows immediate access to health records from the nursing station. The Digital case sheet is supplemented by a detailed report which includes their medical history and vital signs, their name or PID numbers and address details, and treatment details.

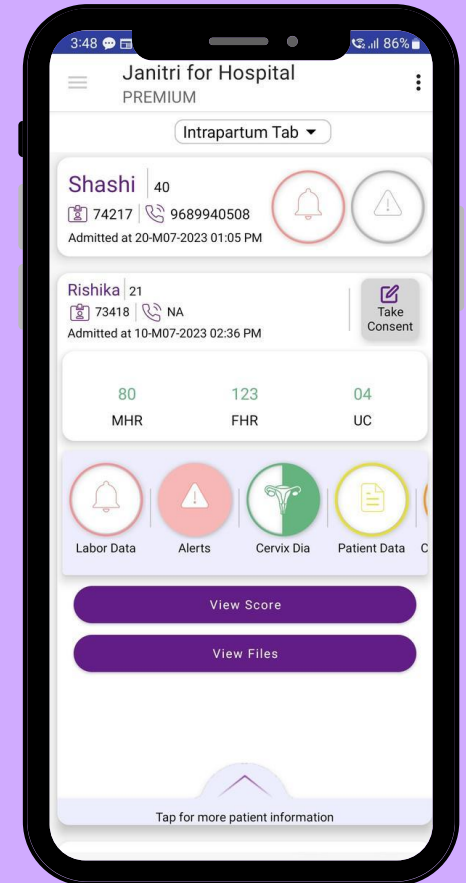
- ✓ **Digital Partograph**
- ✓ **Live FHR, MHR and UC graph**
- ✓ **Digital Consent**
- ✓ **Admission Notes**
- ✓ **Digital Case-sheet**
- ✓ **Alerts and Alarms for Labor Vitals**



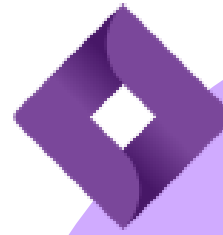
# Doctor's Application

The Doctor's login enables you to view any pregnancy-related data remotely. The doctor can read reports and fill in doctor's notes which will be displayed in the nurse application. It also gives you all pregnancy-related alerts and enables you to track when the last monitoring for a particular patient was done.

- ✓ Remote Monitoring
- ✓ FHR, MHR and UC graph
- ✓ Doctor's Note sections
- ✓ Alerts and Alarms for Labor Vitals
- ✓ Mother's Health Files and Scores for Remote View



# Central Monitor



View all patients live graphs in single screen at nursing station.

- ✓ Remote Monitoring
- ✓ FHR, MHR and UC graph
- ✓ Mother's Health Files and Scores for Remote View
- ✓ Alerts and Alarms for Labor Vitals



## OUR OFFERINGS

| Features   | Free | Basic | Premium |
|--|------|-------|---------|
| Connect with Keyar devices                       | ✓    | ✓     | ✓       |
| Non Stress Test (NST)                            | ✓    | ✓     | ✓       |
| Continuous monitoring                            | ✓    | ✓     | ✓       |
| Auto-interpreted cCTG reports                    | —    | ✓     | ✓       |
| Remote monitoring                                | —    | ✓     | ✓       |
| Cloud storage                                    | —    | ✓     | ✓       |
| Multi-patient monitoring with central monitoring | —    | ✓     | ✓       |
| Critical Alerts                                  | —    | —     | ✓       |
| Alerts and alarms for vitals                     | —    | —     | ✓       |
| Digital documentation                            | —    | —     | ✓       |
| Partograph                                       | —    | —     | ✓       |
| Pre-delivery and post-delivery checklist         | —    | —     | ✓       |
| Patient medical records and examination forms    | —    | —     | ✓       |
| Admission notes                                  | —    | —     | ✓       |
| Delivery and placenta forms                      | —    | —     | ✓       |
| ROBSON, APGAR & BISHOP score calculation         | —    | —     | ✓       |
| Postpartum monitoring for mother and child       | —    | —     | ✓       |
| Referral feature                                 | —    | —     | ✓       |

\* We have comprehensive APIs and SDKs for integration with third party softwares and Hospital management systems if required.



## Our Home Monitoring Product Offerings

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For Mothers



# Keyar DT Lite



# Keyar DT Lite

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A medical-grade smart fetal doppler to perform NST at home for high-risk mothers.



## Key Features

- Perform NST & share reports
- Easy access to past records
- Bluetooth-enabled wireless connectivity
- Use anytime & anywhere
- Can be used from 28th week of pregnancy

# Why Choose Keyar DT Lite?



## Medical Grade

ISO 13485 certified. Used and trusted by hospitals and doctors.



## Training and Support

Get virtual training and unlimited support from our experts.



## Easy-to-use

Mother-centric design, simple application and compact device.



## Perform NST & Share Reports

Easily share reports with your doctor and get instant feedback.







## How it helps?

Listen to your baby's heartbeat  
on your smartphone

Perform NST (non-stress test) at  
home

Minimize hassle & risk associated  
with frequent visits to hospitals

Peace of mind and remote  
guidance



# Keyar DT Pro



# Keyar DT Pro

## Wireless & Portable Fetal Monitor

Familiar Doppler and TOCO probes in wireless avatar. Suitable for prenatal NST and fetal monitoring during third trimester and active labor.



## Key Features

- Perform NST & share reports
- Easy access to past records
- Bluetooth-enabled wireless connectivity
- Use anytime & anywhere
- Monitor FHR and UC

# Why Choose Keyar DT Pro?



## Twin Monitoring

Connect an additional Doppler probe to monitor two fetuses at the same time.



## Monitor FHR and UC

Mothers can monitor FHR and Uterine contraction at comfort of home.



## Medical Grade

ISO 13485 certified. Used and trusted by hospitals and doctors.



## Training and Support

Get virtual training and unlimited support from our experts.



## Easy-to-use

Mother-centric design, simple application and compact device.



## Perform NST & Share Reports

Easily share reports with your doctor and get instant feedback.






## How it helps?

Listen & and record your baby's heartbeat and track uterine contractions in the comfort of your home

Perform NST (non-stress test) at home

Minimize hassle & risk associated with frequent visits to hospitals

Peace of mind and remote guidance





# Keyar Echo



# Keyar Echo

Smart Handheld Fetal Doppler

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A smart and reliable fetal doppler to check your baby's well-being.



## Key Features

- Lightweight, easy to carry
- Bluetooth-based connectivity
- Built-in speaker
- Built-in digital display for vitals
- Record and share your baby's heartbeat
- Handheld, use anytime & anywhere

# Why Choose Keyar Echo?



## Medical Grade

ISO 13485 certified. Used and trusted by hospitals and doctors.



## Easy-to-use

Mother-centric design, simple application and compact device.



## Training and Support

Get virtual training and unlimited support from our experts.



## Built-in Speaker & Digital Display for Vitals

Listen your baby's heart rate and monitor vitals at the comfort of your home



A pregnant woman with dark hair, wearing a white top and a pink cardigan, is sitting and looking at her smartphone. Her left hand is resting on her belly. The background is a solid pink color.

## How it helps?

Listen to your baby's heartbeat  
on your smartphone

Share baby's heartbeat with your  
loved ones

Keep your anxiety away

Peace of mind and remote  
guidance

# Janitri: For Mothers

With our home monitoring solution, mothers can monitor the FHR and perform NST tests at home.

## How it Works?



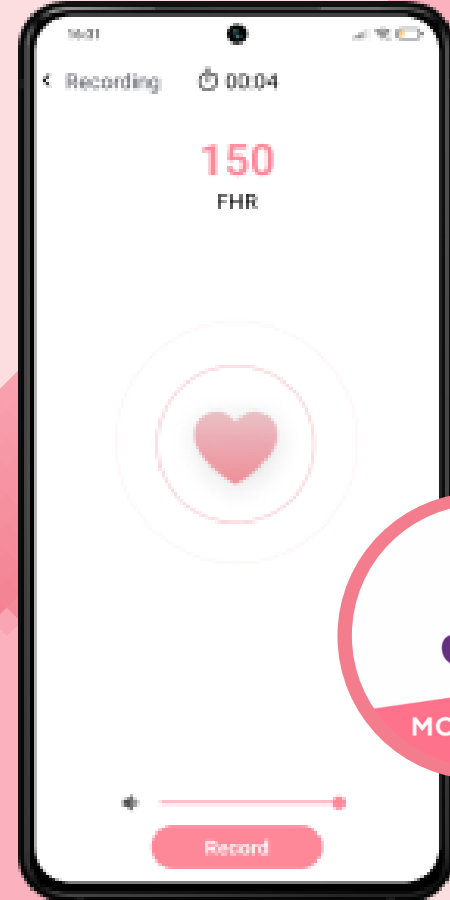
Download the application Janitri for Mothers from the Playstore.



Connect the device via bluetooth and Start monitoring the FHR impressions along with fetal movements.



Share the reports digitally with the consulting doctors to have prompt solutions as the case may be.



# Doctor's Testimony



Keyar CM is a path-breaking innovation which is very different from conventional CTGs available currently. It is very affordable, portable and easy to use and also provides real-time relay of the data with timely alerts and alarms.

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**Dr. Latha Venkatram**

Senior Gynaecologist, Rangadore Memorial Hospital, Bangalore



I've used Janitri's digital fetal monitor for two years. Impressive features: wireless, remote data access for doctors, and beat-to-beat variability. Kudos to Janitri for making doctors' lives easier!

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**Dr Emanuel Gracias**

Obstetrician-gynaecologist



Our rural setup relies on your monitoring device. They have been lifesavers, making patient monitoring affordable and convenient. The pocket-sized Doppler has replaced manual fetal kick charts, empowering mothers to monitor their baby's well-being at home.

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**Dr. Mary N. Harun**

Medical Director, Limuru Cottage Hospital, Kenya

# Why do doctors love us?

2/2



Janitri's software Janitri: for Hospital, helped doctors and nurses in remote areas to identify early danger signs of ANC and refer patients for further follow up. This was of great help to the people of Pavagada and other districts. I am proud to have been an administrator during this pilot project.

**Dr. Venkatesh Murthy N**

Taluk Health Officer Sidlaghatta Taluk, Chikkaballapur District.



The DAKSH (now, Janitri: for Hospital) application has been very useful for our labor ward. It automatically generates a partograph, helps nurses take critical decisions, and reminds nurses to fill in vital signs in a timely manner. It also provides weekly and monthly analysis. I highly recommend this application for all labor wards.

**Dr. Ramphool Meena**

Medical Officer, (MO) PHC Bhadoti



I am a staff nurse in the labor room at MCH hospital in Sawai Madhopur. The Janitri tablet and DAKSH app have been very helpful for us in dealing with high-risk pregnancies. The referral mode is a particularly useful feature, as we are alerted to patients who have been referred from peripheral centers. This has helped us to provide timely and appropriate care to the patients.

**Dr. Mamta Gunawat**

Junior Resident(JS), MCH Hospital, Sawai Madhopur

# Home Monitoring Testimony



"Janitri's device was a miraculous discovery. It spared me from exhausting commutes and allowed remote monitoring. I was able to perform regular NST test at home and my gynecologist promptly provided the right advice, ultimately saving my baby's precious life"

**Shreyasi**  
Mother



"Everything was going alright, but one fine night we didn't feel the movement of the baby. We waited and waited, but nothing was happening. The next doctor's appointment was in the morning. We rushed to the hospital and post checkup found everything was okay, but those 12-15 hrs were very stressful for us. Later I found Janitri fetal doppler to check baby's heart beat. It was very small and easy to use."

**Aditya Mankar**  
Father



"Janitri's home NST solution saved me from travelling to the hospital every 2nd day after 33rd week of my pregnancy. I was sharing regular reports with my doctor and that helped me wait till the right time for delivery. I was blessed with a healthy baby girl & can't thank Janitri enough for help in this journey. Happy that such products are developed in India."

**Jayashree Nath**  
Mother

# Trusted By Mothers

2/2



"I was so excited to use Keyar Mini to listen to my baby's heartbeat. It's so small and easy to use, and it really helped to ease my anxiety during pregnancy. I would definitely recommend it to other expectant mothers"

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**Chandana Angadi**  
Mother, Davanagere.



"My experience using janitri fetal monitoring device was extremely useful and comfortable where I was facing a problem to travel for doing NST and doctor Mekhal Dwarakanath suggested me about janitri and I started using and it saved me from travelling and time to the hospital. I was sharing regular reports with my doctors which help me a lot & I thankful to my doctor and janitri for helping me in this journey and I would really recommend janitri for pregnant women's."

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**Chethu Chaithra**  
Mother, Delhi.



"As an expectant mother, I was always worried about my baby's health. The Keyar Mini doppler gave me peace of mind by allowing me to listen to my baby's heartbeat whenever I wanted. It's a compact and easy-to-use device that I would highly recommend to other mothers."

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**Snehalata Jaiswal**  
Mother, Bilaspur.

# Clinical Validation

|    | Title of Study  | Journal   |
|----|---|---|
| 01 | DAKSH: Digital Partograph and Intrapartum Monitoring Mobile Application ( <a href="#">Link</a> )  | International Journal of Medical Research & Health Sciences<br>2019         |
| 02 | Case study: paperless labour monitoring system in low resource healthcare settings ( <a href="#">Link</a> )   | The 10th Indian Conference paper,<br>Research Gate<br>2019                  |
| 03 | From Guidelines to Practice: Assessing the Implementation Fidelity of Partograph Use for Monitoring Labour in Primary Healthcare Settings in India Using a Tablet-Based Mobile Application ( <a href="#">Link</a> )                   | Journal of Health & Medical Informatics<br>2019                             |
| 04 | Usability and acceptability of electronic Partograph in north- east states, India ( <a href="#">Link</a> )  | International Journal of Current Research<br>2021                           |
| 05 | Scaling up DAKSH intrapartum application: impact, challenges, and learning ( <a href="#">Link</a> )   | International Journal of Community Medicine and Public Health<br>2022       |
| 06 | To Assess the Accuracy, Sensitivity and Specificity of Fetal Heart Rate (FHR) and Uterine Activity (UA) from Abdominal ECG and EMG Electrodes in Comparison with Conventional Cardiotocography (CTG) Machine ( <a href="#">Link</a> ) | International Journal of Obstetrics, Perinatal and Neonatal Nursing<br>2023 |
| 07 | Field Validation of Intrapartum Monitoring Tool used in Rajasthan   | White paper<br>February 2020  |

# Clinical Partners



Govt. medical College  
Chandigarh



Jubilee Mission College.



All India Institute of  
Medical Sciences Patna



All India Institute of  
Medical Sciences Jodhpur



All India Institute of  
Medical Sciences Bathinda



Rangadore memorial hospital  
Bengaluru



Narayana Health



All India Institute of  
Medical Sciences New Delhi



St. John's National Academy  
of Health Sciences



# Supporters



# Our Star Moment

Showcased our products on the Shark Tank India and bagged investment of 1 Crore INR from investor Namitha Thapar



# Awards & Recognition

2016

Winner of Falling Walls  
Labs 2026, India, held at  
Berlin Germany

2017

Insight Success- The 10  
Most Admired Medical  
Device Companies

2019

Medical Made in India  
Innovation Silver Winner

2019

Awarded Best Healthcare  
Startup  
Healthcare Summit

2020

Winner - The India  
Sweden Healthcare  
Innovation Challenge

2020

Winner at 4th  
Commonwealth Digital  
Health Merit Award in  
Maternal & Neonatal  
health category

2021

Awarded as the TOP  
INNOVATOR at Public  
Health Innovation  
Conclave

2023

Cult Innovator of  
the Year



# Connect with us.

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Website

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Call us

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