

nfant[®] Thrive Breast

Instructions for Use (IFU)



nfant[®]

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User Assistance Information

For problems or concerns, please visit www.nfant.com
email support@nfant.com or call 1-800-761-7601.



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Glossary of Symbols

The following symbols may be found on the package labels. These symbols tell you about the proper and safe use of nfant® Thrive Breast. Some of these symbols may not have meaning in your region, and are listed for informational purposes only.

	Keep dry		Part Number, Catalog number		Serial Number
	"Use By" Date		Manufacturer		Lot Number
	Caution		Follow Operating Instructions		Do not wash
	Lithium battery caution		Single Patient – Multiple Uses		WARNING www.P65Warnings.ca.gov

Indications for Use

nfant® Thrive Breast is intended to measure breast bioimpedance during milk expression.

Description of the Device

The nfant® Thrive Breast is a battery powered, 100% portable device that collects and transmits breast bioimpedance data to the nfant® Thrive Tracker App for display on the user's mobile device.

Essential Performance Functions

The nfant® Thrive Breast collects breast bioimpedance data then communicates the collected data to the nfant® Thrive Tracker App for display on the user's mobile device. The nfant Thrive Breast Sensor is battery operated and can be wirelessly charged. The nfant Thrive Breast Sensor will enter standby mode and not communicate with the user's mobile device when charging. The Sensor should be placed on the wireless charger to reset if any deviations in essential performance functions are observed.



Instructions

Thrive Breast Contents

- 1 nfant Thrive Breast Link
- 2 nfant Thrive Breast Sensor
- 3 nfant Thrive Wireless Charger & Cord
- 4 Reusable Electrode pairs (20) in two moisture-sealed bags.
- 5 Link Stickers (50)

nfant Thrive Breast Starter Instructions
(not shown)

nfant® Thrive Tracker App
(provided separately)

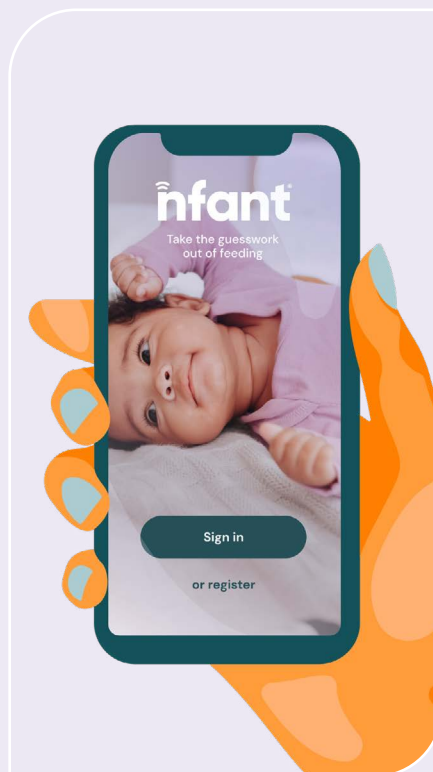
nfant® Thrive Analytics Database
(provided separately)

Mobile Device (user provided – Android 4.4+, iOS 13+)



Getting Started

1. Follow the nfant® Thrive Breast Starter Instructions included in your product box prior to device setup and use.
2. Refer to the nfant nfant® Thrive Breast Starter Instructions for nfant Thrive Breast and Tracker App setup.
3. To obtain Tracker App, download from the Apple or Google Play Store.
4. Follow instructions within the Tracker App to initially setup your baby(s) and caregiver(s) profiles, and assign your Thrive Breast Sensor to your family unit.



< Back

Sign up

Email
Enter email

Password
Enter password

Re-enter password

[READ TERMS AND CONDITIONS](#)
[PRIVACY POLICY](#)

☐ I have read and agree to nfant's Terms and Conditions and Privacy Policy

Create Account

Download the nfant Thrive Tracker App

The nfant Thrive Tracker App is available as a free download for iOS and Android from the App Store and Google Play. The nfant Tracker App is where you will be able to see your feeding data for all products in the nfant Thrive Feeding system.

After creating your username and password in the app, you will be prompted to create a Baby Profile for your child.

Once you have established the profile, continue to follow the steps in the app to begin the calibration process. This calibration process will customize the app for you and your baby and ensure accurate information about your feeds.

Remove items from packaging and charge the sensor

You will need to charge your sensor before first use and again periodically throughout a typical week of nursing. To charge, place it on the charging pad. **The “n” on the charging pad should be face down.** The charging pad will light up blue when correct. The sensor will light up green while charging. When fully charged, the charger light will toggle back and forth between green and blue.



Correct



Incorrect

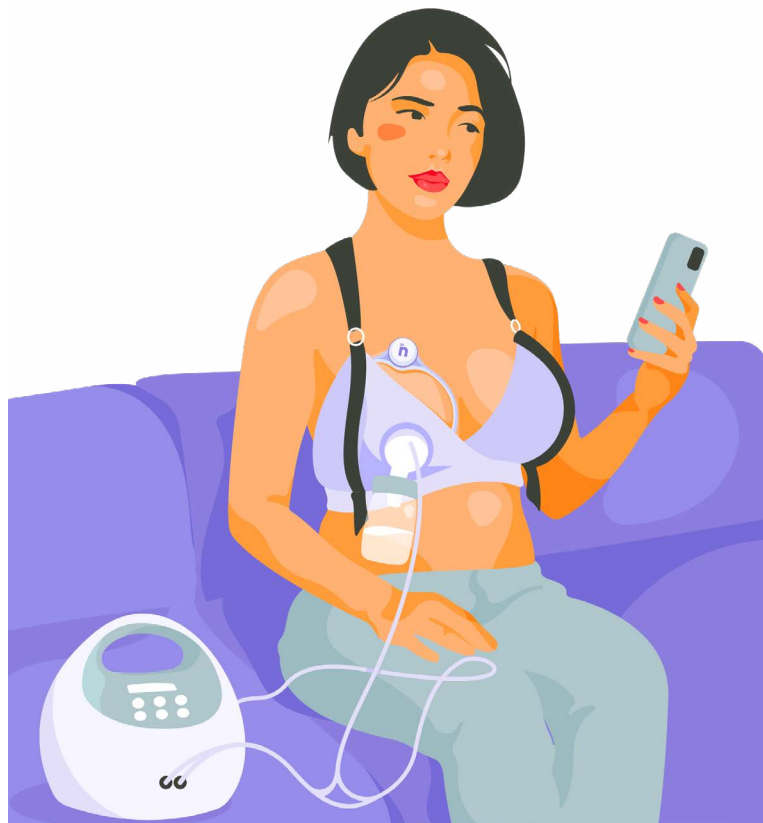
First Use: Calibration

The first time you use nfant Thrive Breast, we recommend measuring a pumping session. It is easier to become familiar with the device and the app without worrying about a baby to feed! But measuring milk flow while pumping is also a very important step in the calibration process.

Recognizing that all moms and babies are unique, calibration ensures accurate and reliable data while you and your baby change over time. In other words, while you are learning about nfant Thrive Breast, the app is learning more about you!

During this calibration session, you will input information about your milk flow, such as volume expressed and when letdowns occurred. This will help the app predict similar information when you are nursing your baby. This data is also combined with the aggregate data from other moms using the app, helping our algorithm become smarter and more precise over time.

If you are not currently pumping, we recommend at least opening your Thrive Breast product and practice placing the Breast Link (page 16) before you measure a feeding with your baby.



Prepare your skin

Clean and dry your skin where the Thrive Breast Link will be placed (on your chest and on either side of your breast) to remove any lotions, oils, dead skin, or makeup.

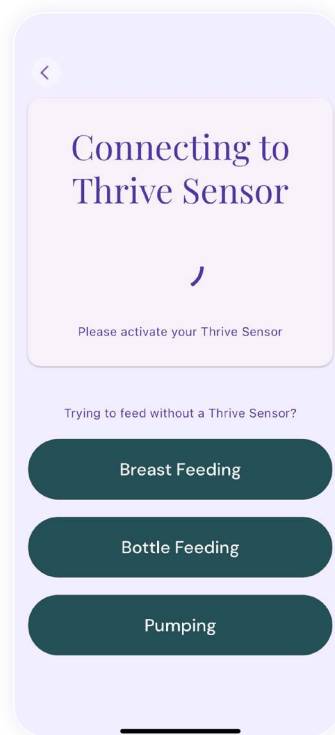
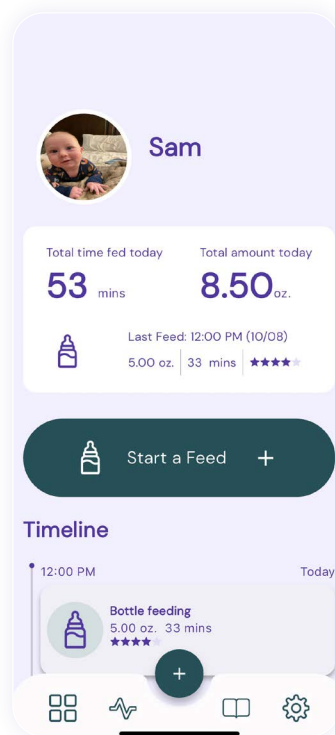
Activate the Breast Sensor

Open the Tracker App on your mobile device. (If you did not register your Breast Sensor during your account setup, it will be automatically be registered during your first feeding.)

Ensure your sensor is charged and turned on (you can shake the sensor gently to wake it). Select “start a feed” in your app dashboard.

- Sensor blinking Red slowly means it is ready to connect
- Sensor blinking Green slowly means connected and ready to stream
- Once you have started a feeding, the sensor will blink Purple. This indicates data is streaming.

You will see a status wheel as your Sensor connects.



Enter weight and preferences

When your Breast Sensor is connected, you will select “pumping” from the options.

You will then be prompted to enter your baby’s weight before feeding, and to select your feeding preferences.

Tap “Confirm.”

<

Baby Weight Before Feeding

Feeding weight

0 lb 0 oz

Add Scale Brand

Done

<

Feeding Preferences

Confirm your feeding preferences below.

 **Cradle**
Support with the arm on opposite side as nursing breast. >

 **Feeding Weight**
10lb 8oz, Hatch baby >

 **Nipple Shield**
No >

Confirm

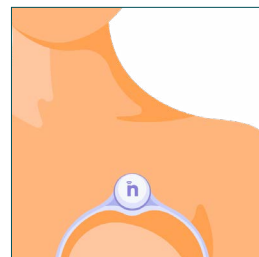
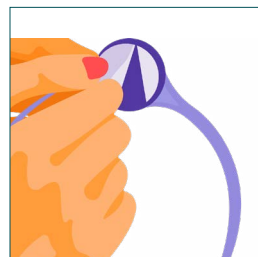
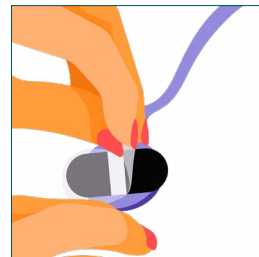
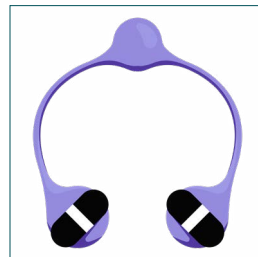
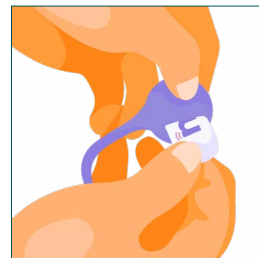
Prepare the Breast Link

- Remove two electrodes from one of the metallic bags (leave the other bag unopened until needed).
- Snap a set of electrodes into each Link pad. Push until you hear or feel the “snap”.
- Turn the Link over and affix a Link Sticker to the back of the Sensor Port. (The stickers are double-sided; peel both sides.)
- Peel the sticker backing off the electrodes so they become sticky.

Place the Breast Link and Electrodes

- Pick up the Link and affix an electrode to either side of your breast. The electrodes should be in line with your nipple (and approximately one inch back from the edge of your flange).
- Stick the top of the Link (the Breast Sensor) to your chest.

You will follow these same steps, using new electrodes and stickers as needed, each time you want to measure a feed.

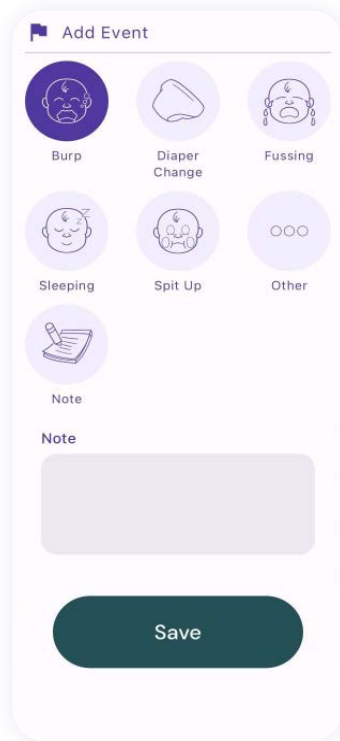


Starting pumping and record your data

When you are ready to pump, Press the play button on the side you are pumping on. Sit still and breathe normally for a few seconds. The Breast Sensor will perform a sweep of your breast.

To record the other side, tap “pause”, move the Link to the other breast, and press play for that side. Make sure the Breast Sensor is pulsing purple.

During the pumping session, you will be asked to log when you feel your letdowns occur and the volume of milk you expressed.





First Feeding

Once you have finished calibrating your app, you are ready to measure your first feeding with nfant Thrive Breast. You will follow the same initial steps as before, but this time you will select “nursing” instead of “pumping” in the app. Follow the prompts to add your baby’s weight and your feeding preferences.

We recommend recording one breast per feeding, until you become more confident in your use of Thrive Breast. Recording both breasts during a single feeding is recommended only for professional use.

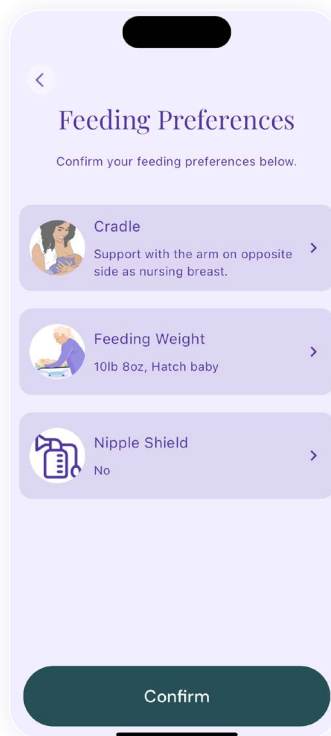
It is not necessary to measure all feedings for routine use. nfant Thrive Breast is most effective when used to understand when feeding milestones are occurring with mom and baby. Recommended use is 1-2 feedings a day to 3-5 feedings a week, depending on your goals.

Enter weight and preferences

You will then be prompted to enter your baby's weight before feeding, and to select your feeding preferences.

Tap "Confirm."

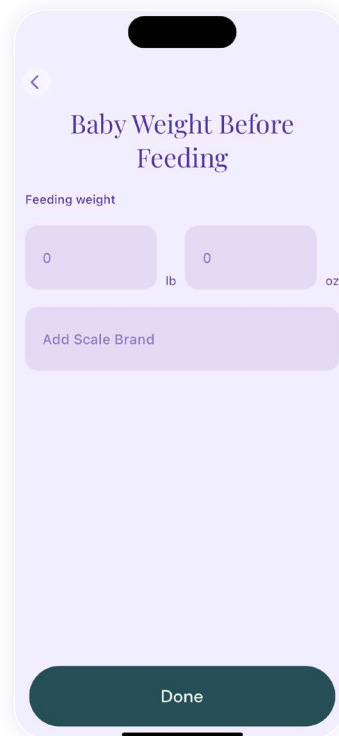
Note: If you do not have a scale at home, you can skip this step.



The "Feeding Preferences" screen features a back arrow at the top left. The title "Feeding Preferences" is centered, with the instruction "Confirm your feeding preferences below." underneath. There are three preference cards, each with an icon, a title, a description, and a right-pointing arrow:

- Cradle:** Icon of a person cradling a baby. Text: "Support with the arm on opposite side as nursing breast."
- Feeding Weight:** Icon of a person weighing a baby. Text: "10lb 8oz, Hatch baby"
- Nipple Shield:** Icon of a nipple shield. Text: "No"

A dark green "Confirm" button is at the bottom.



The "Baby Weight Before Feeding" screen features a back arrow at the top left. The title "Baby Weight Before Feeding" is centered. Below it, the text "Feeding weight" is followed by two input fields for weight, labeled "lb" and "oz", both containing the number "0". Below these fields is a button labeled "Add Scale Brand". A dark green "Done" button is at the bottom.

When you are done feeding, select “end feeding.”

You can now rate the feed and/or add any post-feeding information, such as any cues you saw from your baby or post feeding events (such as spit-up).

We marry the data that you entered at the start of the feeding, the impedance we’re capturing (see following pages), any events you entered during the feeding, and your answers to the final feeding questions to give you insights on your milk flow and feeding session.

This screenshot shows the 'Add Event' screen in the app. At the top, there's a header with a back arrow and a 'Feed Time' label. Below this is a search bar. The main content area is divided into two sections: 'Add Event' and 'Other Events'. The 'Add Event' section has four icons: 'Mid-pump amount', 'Diaper change', 'Temperature', and 'Medicine'. The 'Other Events' section has five icons: 'Burp', 'Fell asleep', 'Woke up', 'Readjust pads', and 'Other'. At the bottom, there is a large 'Save' button.

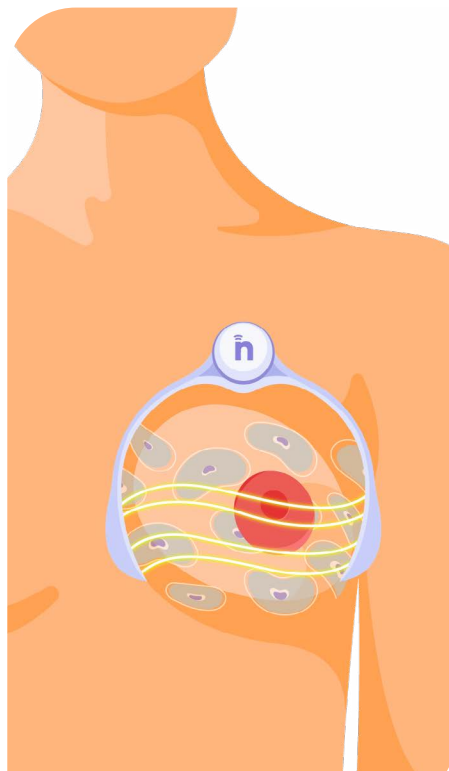
This screenshot shows the 'How did it go?' screen in the app. At the top, there's a header with a back arrow and the title 'How did it go?'. Below this is a five-star rating system. The main content area has three sections: 'Did you experience any pain while feeding?' with a slider from 'No pain' to 'Very painful', 'Post feeding weight' with a text input field for 'Baby weight after feeding' and a unit selector 'oz', and 'Sensor used or not' with two toggle switches for 'Left side' and 'Right side'. At the bottom, there is an 'Add Notes' text area and two buttons: 'Save & Exit' and 'Next'.

Understanding Your Milk Flow

nfant® Thrive Breast is intended to measure when milk is flowing during breastfeeding (milk ejection/letdown) and how much milk flowed during a breastfeeding session (volume expression to $\frac{1}{4}$ oz). It does this using bioimpedance.

Bioimpedance is a technique that measures the resistance of body tissues to the flow of a small, harmless electrical current. It is commonly used to estimate body composition, such as the percentage of body fat, muscle mass, and water content. Bioimpedance analysis (BIA) is applied in health, fitness, and medical settings to monitor overall health, assess hydration levels, and track changes in body composition over time.

Bioimpedance can estimate the volume of breast milk produced by a nursing mother by measuring the electrical resistance of the breast tissue before and after feeding. Because breast milk contains water, proteins, and electrolytes, it conducts electricity differently than the surrounding tissues. By comparing the bioimpedance readings before and after a feeding session, the change in electrical resistance can be correlated with the volume of milk removed. This method allows for a non-invasive, real-time estimation of milk production without directly measuring the milk itself.



As you nurse, the app will estimate a “bioimpedance number.” The final bioimpedance number reflects the tissue’s electrical resistance at various stages of milk flow and is presented in the app as a proxy for changes in milk volume or flow rate during the nursing session.

This number will typically range between 60 and 240. If your number falls outside of this range, the irregularity may be caused by movement, oil residue on the skin, or improper placement of electrodes.

You can toggle between your bioimpedance number (Figure A) and a live feeding screen (Figure B) that indicates letdowns and when milk is flowing.

You can also view a summary of your feeding session (Figure C), which include the total time of the feed, the amount of time that milk was flowing, and the estimated total volume of milk expressed.

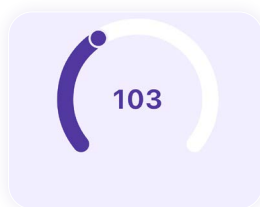


Figure A

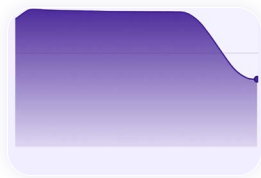


Figure B

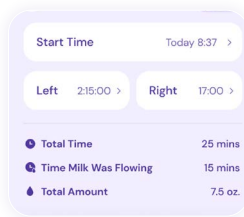


Figure C

WARNING:

nfant Thrive Breast is a health and wellness tool and not a medical device. It is intended to complement a user's healthy lifestyle; it is not intended for use as a medical device or to replace a medical device. It does not and is not intended to diagnose, cure, treat, alleviate or prevent any disease or health condition or investigate, replace or modify anatomy or any physiological process.

Validity of information on bioimpedance, amount of milk flow and timing of milk flow provided by the nfant Thrive Tracker App is intended for general health and wellness purposes only and is not a substitute for professional medical advice, diagnosis, or treatment. These statements have not been reviewed by the US Food and Drug Administration.

Best Practices for Use

- 1 On the Mobile Device, ensure all wireless connectivity is turned on.
- 2 A Wi-Fi connection is not required for feeding. An internet connection is required post-feeding for data to be processed by the nfant cloud database and viewed on the Tracker App.
- 3 The nfant® Thrive Breast Sensor is self-calibrated every feeding to display feeding data for interpretation by the user. More information on calibration settings and user preferences can be found in the Thrive App settings section.
- 4 Do not let your sensor battery drain to zero percent. After a few hours of use, or after several idle days, charge your sensor for an hour.
- 5 If the Breast Sensor is used on more than one baby, make sure it is assigned to the appropriate baby at the time of feeding. Failure to do so will result in the feeding data being assigned to wrong baby in the nfant® Analytics Database. Default settings in the Tracker App assume one Breast Sensor per baby.
- 6 Inspect all Thrive Breast components prior to each use. Always replace components that show signs of wear.
- 7 It is not necessary to measure all feedings for routine use. nfant Thrive Breast is most effective when used to understand when feeding milestones are occurring with mom and baby. Recommended use is 1-2 feedings a day to 3-5 feedings a week, depending on your goals.

Cleaning Instructions

- **Breast Link:** Hand wash only—wipe with alcohol.
- **Breast Sensor:** The Breast Sensor is not waterproof! If needed, gently wipe clean with a damp cloth or alcohol wipe. Never submerge in water or place in the dishwasher.
- **Electrodes:** Do not clean. Electrode hydrogel will begin to dry out after opening and first use. Use within 24 hours then discard. If re-using during the 24 hour period, place plastic protectors back on electrodes after use and return to bag. You may choose to leave the electrodes on your skin until the next feeding.



Charging the nfant® Thrive Breast Sensor

- 1 Plug charger into a 5 volt USB jack.
- 2 The charging coaster should glow Blue and Green (like a poker chip). Then, solid Green and then go to sleep (no light).
- 3 Place the breast sensor logo side down. The coaster will glow Blue. *If the sensor is not in the correct location, or something else is on the coaster, the coaster will glow Green and eventually go to sleep.*
- 4 When the Thrive Breast sensor is fully charged, the coaster will alternate green and blue.



nfant® Thrive Breast Sensor & Mobile Device

The nfant® Thrive Breast Sensor communicates with the mobile device wirelessly. The standard protocol prohibits the nfant® Thrive Breast Sensor from communicating to more than one mobile device at a time.

- The nfant® Thrive Breast Sensor is HIPAA compliant. No personal identifiable information is stored or transmitted from an nfant® Thrive Breast Sensor unless input by the user.
- The nfant® Thrive Breast Sensor is reusable. The default settings assign one Breast Sensor to a single patient. Future releases of software may enable use of the Breast Sensor between different patients. In this case, users of the mobile device may assign feeding data collected with a nfant® Thrive Breast Sensor to a particular patient or user account.

Mobile Device & Web Portal

Patient data is stored for nfant Labs Inc., and accessible outside the app by parents or professionals only under certain circumstances. The default setting for over the counter use and access of the nfant® Analytics Database through the Web Portal is inaccessible. Please refer to customer support for more information on Web Portal availability for prescription use or professional setting usage for further questions.

Thrive Breast Sensor Light Indications

1. Wake up the nfant® Thrive Breast Sensor by tapping. The indication light (located directly about the wifi symbol in the nfant logo) should turn on and begin slowly blinking Red.
2. Select new feeding. Indication light on the sensor will turn Green when connected to the App.
3. Press start feeding. Indication light will flash Purple when data streaming starts.
4. For breaks in use hit "Pause". Breast Sensor light will flash Green slowly, indicating sensor is paired but not streaming. Hit "Play" to continue streaming sensor data. Sensor light will flash Purple.
5. Sensor will automatically disconnect when feeding is complete and flash Red until it goes to sleep. Place sensor on center of charger "n" logo down. Sensor will blink White when charging and not communicate with App.



Table 1: nfant® Thrive Breast Sensor Light Indications

Status	Color	Rate	How status is initiated
Off	N/A	N/A	1. Device is immobile or battery empty. 2. Device was woken-up but did not pair within mobile device within the allotted timeframe. 3. Timeout after feeding.
On & Not Paired	Red	Slow	1. User physically activates by tapping nfant® Thrive Breast Sensor over wake-up threshold. 2. After completion of feeding and deactivation from nfant® Thrive Tracker App until timeout.
On & Paired but not streaming. Awaiting user activation	Green	Slow	1. User pairs nfant® Thrive Breast Smart Sensor with the mobile device through the nfant® Thrive Tracker App. 2. User hits pause during streaming.
Streaming data of the nfant® Thrive Tracker App	Purple	Slow	Streaming data to nfant Thrive Tracker App
On & streaming signal dropped	Red	Slow	1. Device moves out of range of tablet during streaming data. 2. Line of sight to nfant® Thrive Tracker App interrupted during streaming.
Charging sensor	White	Slow	Sensor charging on wireless charging pad.
Charging sensor	Purple	Slow	Sensor fully charged

General Warnings and Cautions

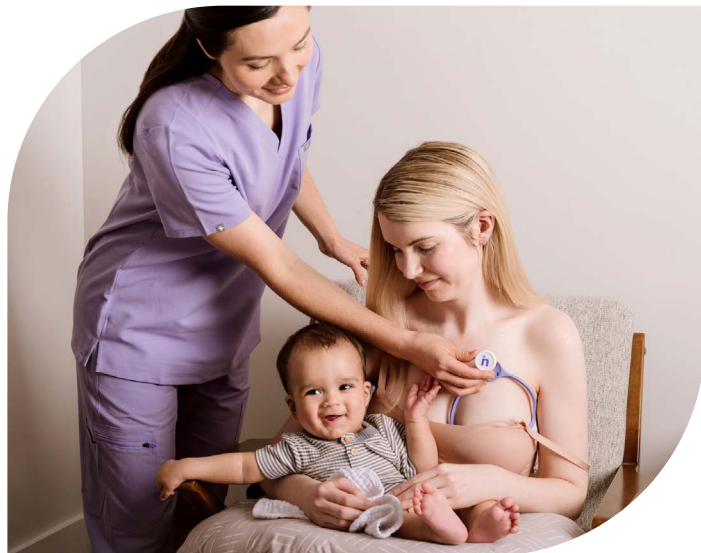
Important user information

- The device is designed for use with breastfeeding women.
- There is no significant “risk for electric shock” as the device does not produce enough voltage and/or current to cause electric shock and additionally is completely isolated from the user and infant during use. There are no known risks for using the device greater than general breastfeeding or breast pumping.
- Electrodes adhered to skin contain conductive adhesive hydrogel and are safe and effective for physiological monitoring.
- Silicon stickers contain medical grade skin adhesive. Allergic reaction by skin is possible and should be testing prior to use.
- All sensors have a unique calibration. Ensure readings are only taken using the correct calibration information from the sensor. Use of the incorrect calibration information may result in an inaccurate reading.

Precautions

- Read this entire guide before using the device.
- Familiarize and follow nfant® Thrive Breast Starter Instructions prior to device setup and use.
- The nfant® Thrive Breast Sensor is a reusable device.
- The nfant® Thrive Breast Link is a reusable device.
- Prior to each use, inspect the device for damage. DO NOT use if damage is apparent.
- Prior to each use, ensure that the battery level of the nfant® Thrive Breast Sensor and mobile device are sufficient and the device works properly. Failure to do so may result in poor performance and or lost data.
- Prior to each use, ensure that the nfant® Thrive Breast Sensor is properly paired and within line of sight range of the mobile device (30 meters). Failure to do so may result in poor performance and/or lost data.

- Use nfant Thrive Breast at temperatures between between 10°C and 27°C (50°F and 80°F) with a relative humidity level between 30% and 50%; this means keeping the environment cool, dry, and with minimal fluctuations in temperature and humidity to prevent damage from moisture and extreme heat.
- In the event the nfant® Thrive Breast Sensor is submerged in water or substantially wet, it may be damaged and no longer function. If internally wet, do not use or discard.
- Exposure to excess lint or dust may cause the system to malfunction.
- Refer to Table 1: Light Indications, to learn about light indications of the device and their meanings. Failure to learn and recognize what each light signal indicates may result in poor performance and or lost data.
- The system is not intended to be used in a severe electromagnetic radiation environment or an industrial environment.
- DO NOT modify the device. Failure to comply may render the device inoperable or result in poor performance or inaccurate data.

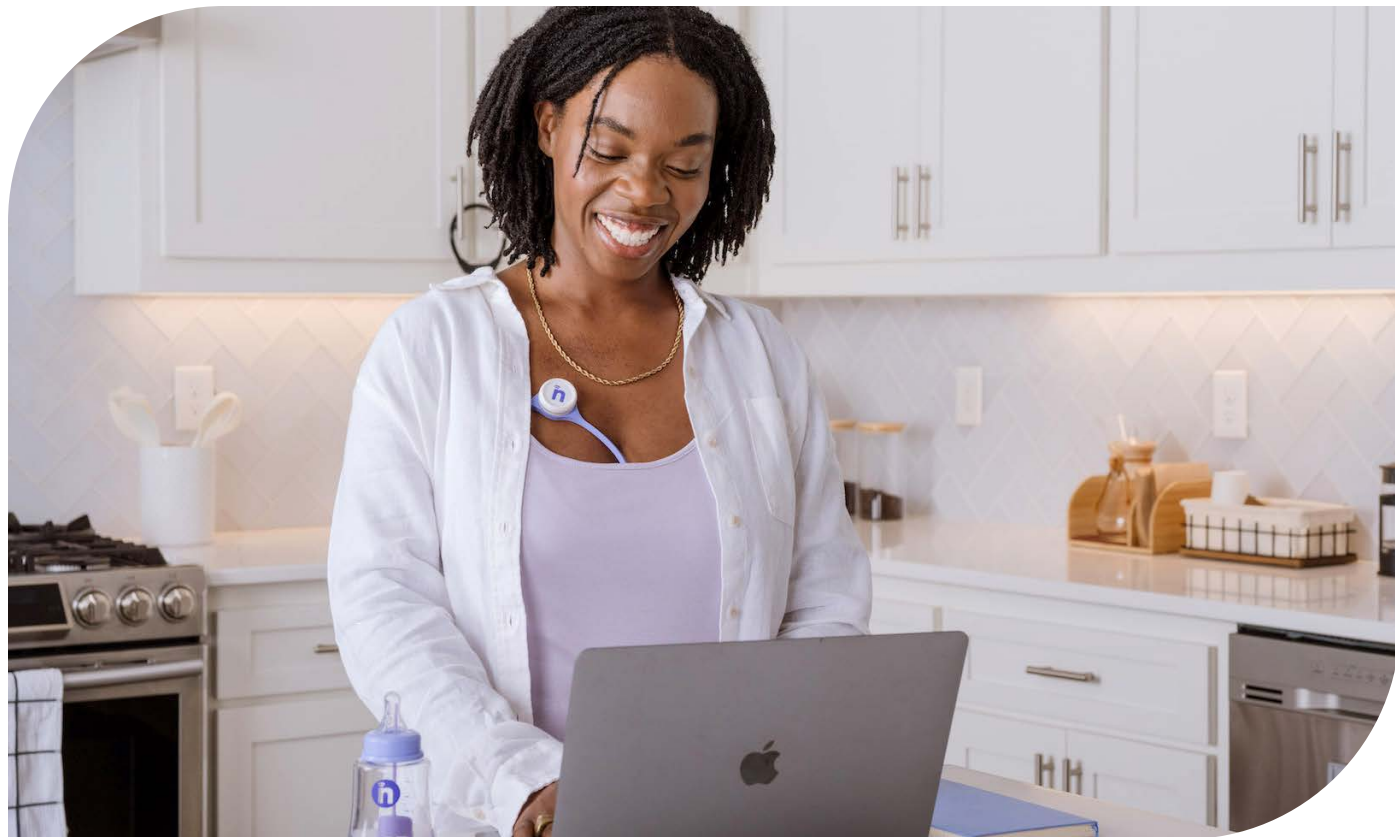


Wireless Technology

Table 2: Wireless Product Specifications

Parameter Performance Characteristic	Wireless Technology IEEE 802.15.4 Low Energy Class II*
Modulation	GFSK
Operating Frequency Range	2402–2480 MHz
Bandwidth	674.4 kHz
Conducted Power	0.54 dBm
Throughput	24 Mbit/s
Over the Air Data Rate	1 Mbit/s
Bit Error Rate	0.1 %
Antenna Gain	0.5 dBI
Latency	6 ms
Data Detection Range	30 meters

*Contains FCC ID QOQ-GM240S



Electromagnetic Environment Guidance

The device is intended for use in the electromagnetic environment specified in the table below. The customer or user of the device should ensure that it is used in such an environment.

Table 3: Electromagnetic Immunity and Emissions Specifications

Immunity Test	IEC 60601-1-2 Test Level	Compliance Level	Electromagnetic Environment Guidance
Electrostatic Discharge (ESD) IEC 61000-4-2	+/- 6 kV Contact +/- 8kV Air	+/- 8kv Contact +/- 15kv Air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity
Electrical Fast Transient/Burst IEC 61000-4-4	+/- 2 kV for power supply lines +/- 1kV for input/output lines	Not applicable, Battery operated	Not applicable
Surge IEC 61000-4-5	±1 kV differential mode ±2 kV common mode	Not applicable, Battery operated	Not applicable
Voltage Dips, Short Interruptions and Voltage Variations on Power Supply Input Lines IEC 61000-4-11 Input Lines IEC 61000-4-11	0% UT; 0.5 cycle at 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°. 0% UT; 1 cycle and 70% UT; 25/30 cycles. Single phase at 0°; 0% UT; 250/300 cycle.	Not applicable, Battery operated	Not applicable

Immunity Test	IEC 60601-1-2 Test Level	Compliance Level	Electromagnetic Environment Guidance
Power Frequency (50/60 Hz) Magnetic Field IEC 61000-4-8	3 A/m	3 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical home, commercial or hospital environment.
Conduct Disturbances IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz 6 Vrms in ISM bands between 150 kHz and 80 MHz	3 Vrms 150 kHz to 80 MHz	Portable and mobile RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30cm (12 inches) to any part of the device, including cables. Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey,^a should be less than the compliance level in each frequency range. Interference may occur in the vicinity of equipment marked with the following symbol: 
RF Radiated Immunity IEC 61000-4-3	10 V/m (80MHz – 2.7GHz)	3 Vrms 80 MHz to 2.5GHz	
Proximity fields from RF wireless equipment IEC 61000-4-3	Section 8.10, Table 9 of the IEC 60601-1-2: Edition 4.1		
Immunity to Proximity Magnetic Fields IEC 61000-4-39	Section 8.11, Table 11 of the IEC 60601-1-2: Edition 4.1		Immunity to proximity magnetic fields in the frequency range 9kHz to 13.56MHz was evaluated.

^a Field strength from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the device is used exceeds the applicable RF compliance level above, the device should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the device.

Compliance Statements

- The nfant® Thrive Breast Sensor meets the following requirements:
 1. the International Standard IEC 60601-1-2 Medical Electrical Equipment Part 1: General Requirements for Safety
 2. Collateral Standard: Electromagnetic Compatibility-Requirements, and
 3. the radio interference Radiated emission requirements of CISPR 11 for Measuring RF Emissions from Group 1, Class B ISM Equipment.
- Under Group 1, Class B ISM Equipment, this device is suitable for use in all establishments including domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.

- This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operations

Coexistence

- Wireless low-energy technology uses Adaptive Frequency Hopping (AFH) technology in order to achieve a robust and reliable transmission in 'noisy' RF environments found in domestic, industrial and medical applications. AFH also minimizes interference from wireless technology to other wireless ISM band radio technologies.
- Multiple nfant® Thrive Breast Sensors may be used simultaneously while adjacent to one another. Leave at least 3 meters between devices.

Precautions

Be sure to use in a location where visibility between the device and mobile device that you want to connect is clear. Electromagnetic propagation is affected by absorption and reflection from structures, objects, and people. If the distance between the device and mobile device are farther than 30 meters apart or are separated by an obstruction, they might not communicate or the communication distance may be shorter. To assess the electromagnetic environment, an electromagnetic site survey should be considered.

Infant Labs cannot accept liability for any damages incurred due to impaired operation or data loss, etc., that occur through the use of this product.

WARNING

- The device should not be used adjacent to or stacked with other equipment. If adjacent or stacked use is necessary, the device should be observed to verify normal operation in the configuration in which it will be used. Portable RF communications equipment (including peripherals

such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the [ME EQUIPMENT or ME SYSTEM], including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result

- The use of accessories other than those specified for the device is not recommended. They may result in increased emissions or decreased immunity of the device.
- Do not attempt to change battery. Failure to comply may result in excessive heat, shock or short circuit and may cause damage to the device. Keep any batteries out of the reach of children and seek immediate medical attention if a battery is ingested. These lithium polymer batteries are a rechargeable power source and are common in computers, cell phones, cameras, and other small electronic devices. If dropped, crushed, or short-circuited, lithium batteries can release dangerous amounts of heat and may ignite, making them dangerous in fires.

Maintenance

- Wipe the outside of the nfant® Thrive Breast Sensor and Link with a damp cloth or isopropyl alcohol wipes between uses. Do not allow liquid to enter sensor during cleaning.
- A solid red indication light or no light after tap detection indicates that the battery requires charging.

Storage

- Keep nfant® Thrive Breast Sensor in its original packaging until ready to use.
- The nfant® Thrive Breast Sensor is safe to be assembled with the nfant® Thrive Breast Link and stored on a shelf or in the original box under standard conditions in a clean, dry environment between uses.
- Do not use nfant® Thrive Breast Sensor past their expiration date.
- The expiration date format is YYYY-MM-DD, and printed on the package label.
- Store only in standard conditions, temperature ranges -20° to 60° Celsius.
- The nfant® Thrive Breast Sensor and all products within the nfant® Thrive Feeding System are not sterile and under normal conditions should not be used in an “oxygen rich environment.”

Sensor Life

- The nfant® Thrive Breast Sensor has a 2 year shelf life and 7 hours of streaming battery life under normal conditions.
- An entire battery charge from 0% to 100% takes approximately 2 hours with the provided charger.

Product Disposal

- Consult your local waste management authorities for instructions on disposal of devices containing electronic waste and batteries.
- Follow labeling instructions for materials with items contained in nfant® Thrive Breast.
- Visit nfant.com for special programs or promotions to recycle or trade in your Breast Sensor.

Materials

Parts	Materials ¹
Thrive Breast Link	Silicon rubber, stainless steel, copper
Link Sticker	Silicon gel tape
Thrive Breast Sensor	Sensor housing: ABS plastic, polycarbonate Electrical pins: Brass ² , gold
Electrodes	Electrically conductive hydrogel (crosslinked acrylic resin, polyhydric alcohol, electrolytic salt, additive stabilizer, De-ionized water), magnetic stainless steel button, non-woven cloth with printing.

¹ Materials that may have contact with the skin

² Sensor electrical contact pins are brass alloy, which may contain up to 4% lead, and are ROHS compliant.



WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and/or birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Limited Warranty

- nfant Labs warrants that nfant® Thrive Breast shall be free from defects in material and/or workmanship for one (1) year from the date of purchase or until the expiration date, whichever comes first.
- If such a defect is found, you must report it and return the product to nfant Labs. Upon notification a replacement will be sent to you and the return of product coordinated.
- The user/owner must operate the equipment in accordance with the most recent User Manual and any additional training or training materials provided by nfant Labs designated representatives.
- This limited warranty does NOT apply where there has been a failure of the goods due to improper use; breakage not due to defect; or failure on account of faulty or improper handling.
- For full Warranty terms and conditions including a full list of exclusions visit www.nfant.com.

Troubleshooting

Table 4: Common Troubleshooting Problems

Problem	Possible Causes/Solutions
The nfant® Thrive Breast Sensor will not fit onto the nfant® Thrive Breast Link.	Make sure the nfant® Thrive Breast Sensor is facing the correct direction with the nfant logo facing outward and slots align with the Breast Link slots.
Data signals look noisy.	Check that the nfant® Thrive Breast Sensor is fully engaged and the Breast Link is connected to the electrodes properly. Be sure to clean skin prior to adhering of electrodes.
The blinking indication light won't turn on.	Recharge sensor with supplied wireless charger.
Sensor won't charge.	Make sure sensor is positioned in center of charger with logo facing down.
Sensor won't pair with the nfant Thrive Tracker App.	Make sure the nfant® Thrive Breast Sensor is in close physical proximity of the mobile device in use (30 meters), Bluetooth is turned on and no electronics are between the Sensor and the mobile device. Ensure mobile device is iOS 13 or Android 4.4 or higher and has Bluetooth 4.0 or higher.
The device pairs, but no data appears on the app interface.	Make sure nfant® Thrive Breast Sensor is paired with the correct mobile device.
Data does not appear on the app interface.	Make sure Thrive Breast is assembled correctly. Ensure you are in range and indicator light indicates streaming. Make sure nfant® Thrive Tracker App is most up to date version.
Mobile device is not turning on or working properly.	Make sure the mobile device has enough battery charge.

Visit our Feeding 101 Help Center at nfanf.com for in-depth resources, tips and baby feeding guides.

