DUO

Quick Start Guide

Eko

DUO

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1. Download the Eko App

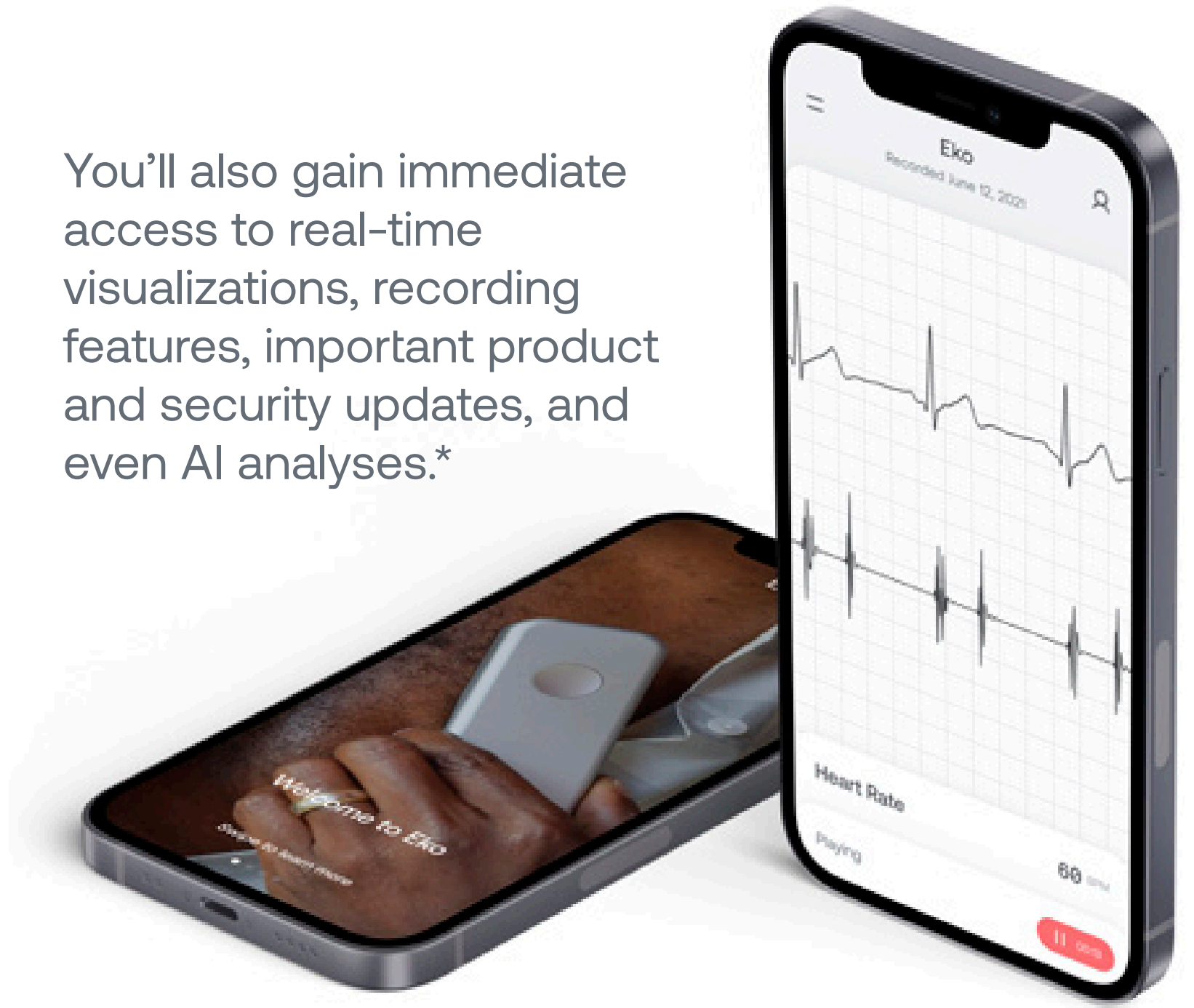
Eko App

Download the Eko App to your mobile device using this QR code or search “Eko App” in the Apple App Store or Google Play Store.

It is important to have the Eko App ready to complete the setup of your DUO.

Scan with your phone’s camera to download the Eko App

You'll also gain immediate access to real-time visualizations, recording features, important product and security updates, and even AI analyses.*

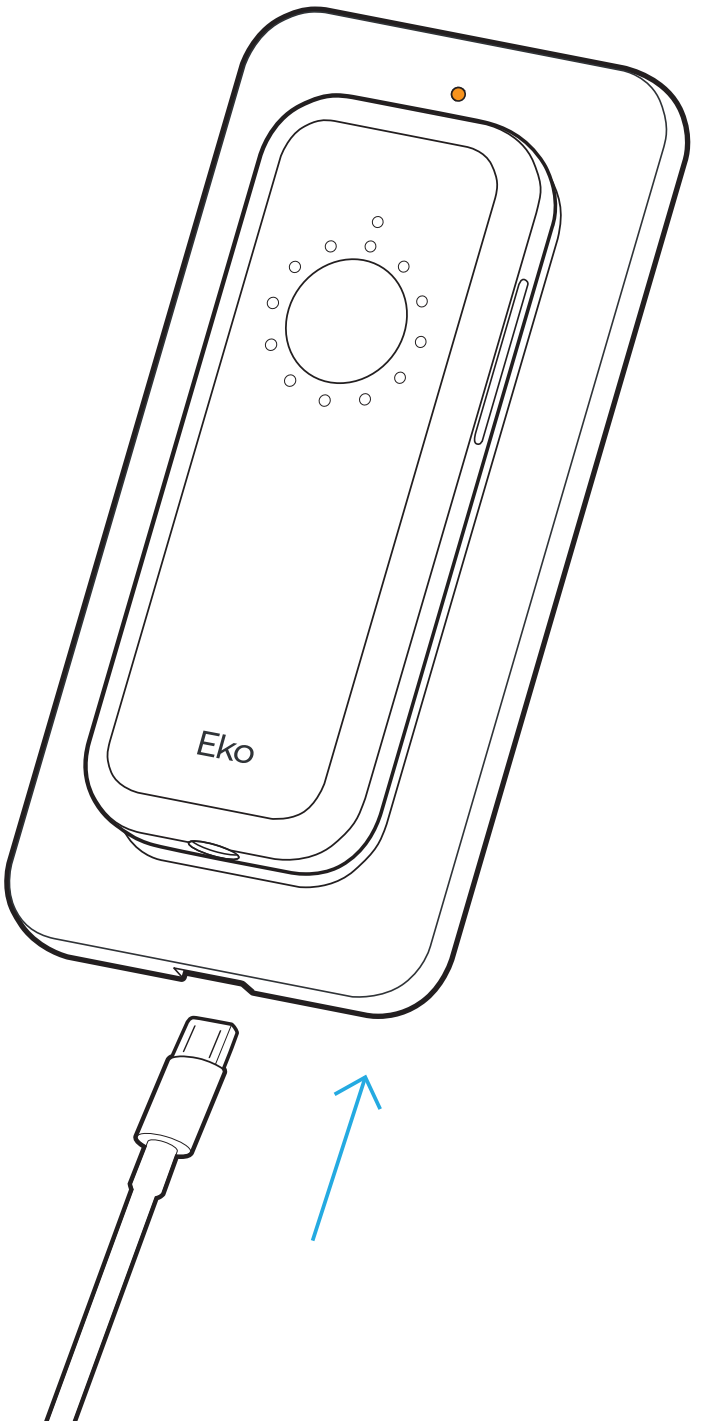


*May require a subscription

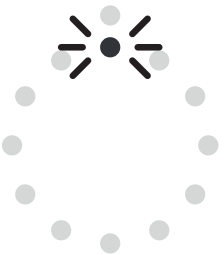
2. Setting Up the DUO

Charge Your Device

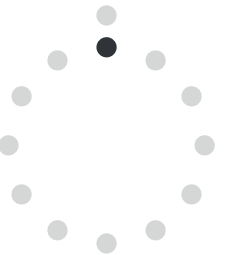
Plug the charging pad into an outlet using the included micro USB and wall adapter. Place DUO on the wireless charging pad. **The lights circling the center button will turn on, indicating that the DUO is charging and properly placed.** An orange light will also appear on the changing pad. The lights on DUO will turn off once fully charged.



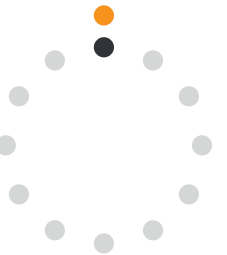
DUO Light Patterns



DUO is on, blinking.
In pairing mode.

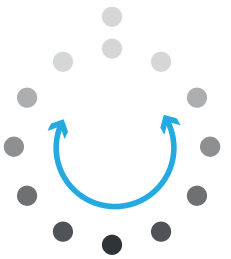


DUO is on.
Paired with device.



DUO is on.
20% Battery.

DUO is on, blinking.
10% Battery.



DUO is charging.
Lights circle button.

DUO is fully charged. Lights are off.

3. Install DUO Earpiece

Hear Audio

If you purchased an Eko Earpiece, insert the connector into the audio jack and twist counterclockwise to secure.

DUO can also be used with most wired 3.5mm headphones.

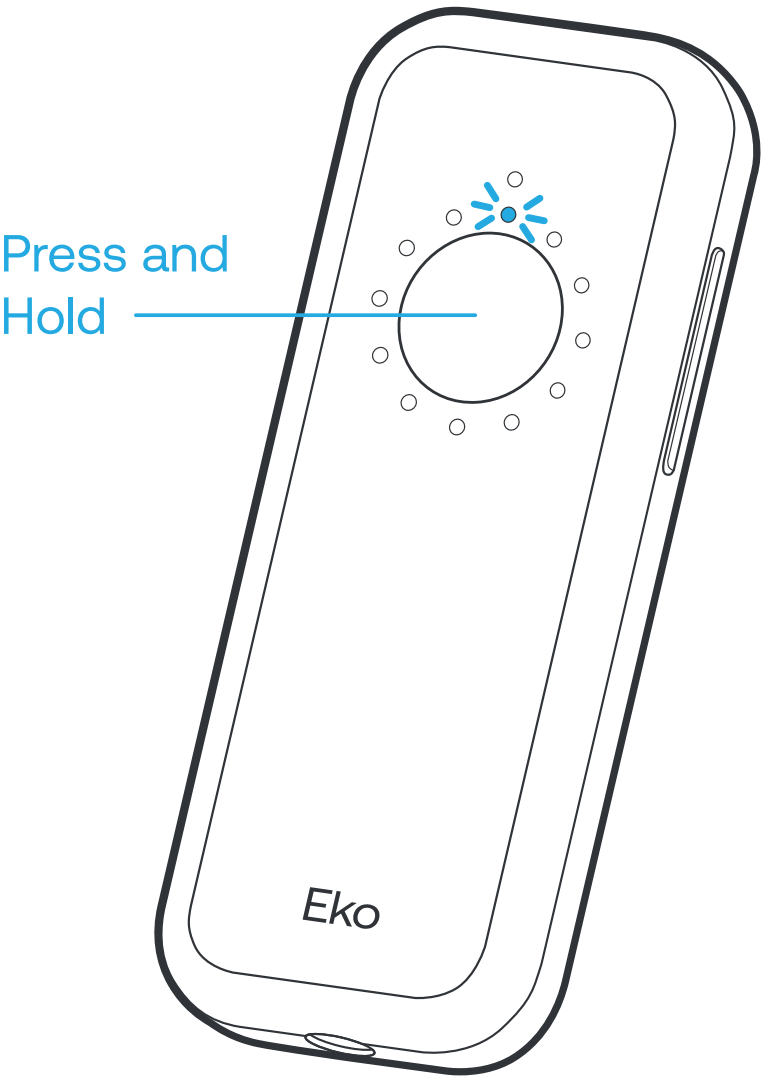
4. Powering On and Off

Turn DUO On/Off

To turn on, press and hold the center button for 1 second, then release. The lights will blink.

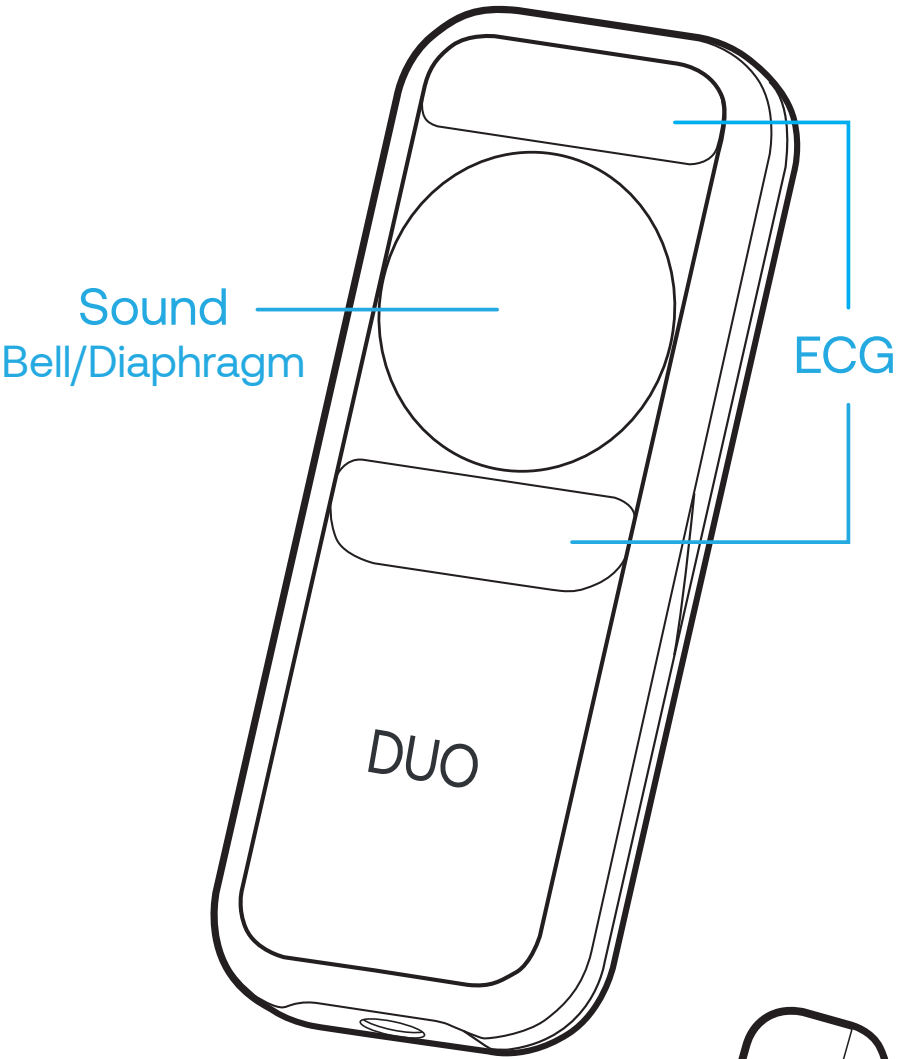
When paired with Eko App, light will turn solid.

To turn off, press and hold the button for 2 seconds, then release. Lights will turn off.



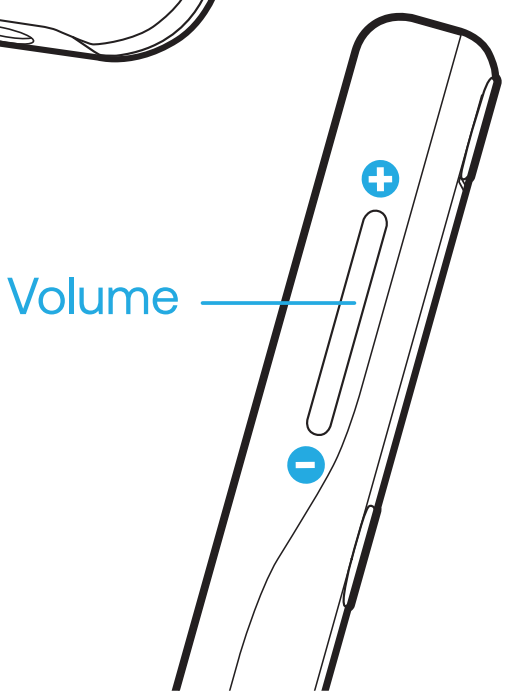
Sounds + ECG

DUO is equipped with a digital stethoscope diaphragm and 2 ECG electrodes.



Volume Control

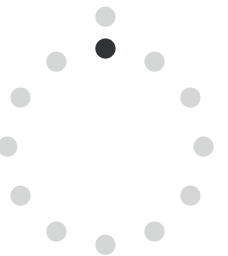
Click the side button to adjust the body sound amplification in the Earpiece.



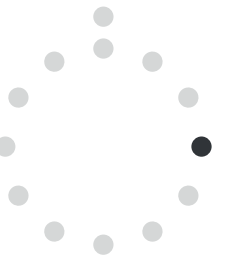
5. Adjusting the Audio Filters

Change Audio Filter

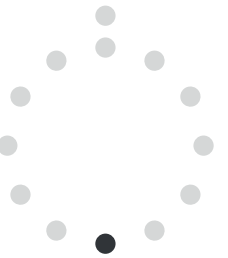
The DUO has 4 different audio filters. You can change to a different audio filter by clicking the center button three times.



Diaphragm (Cardiac)



Bell



Mid-range (Pulmonary)

Extended

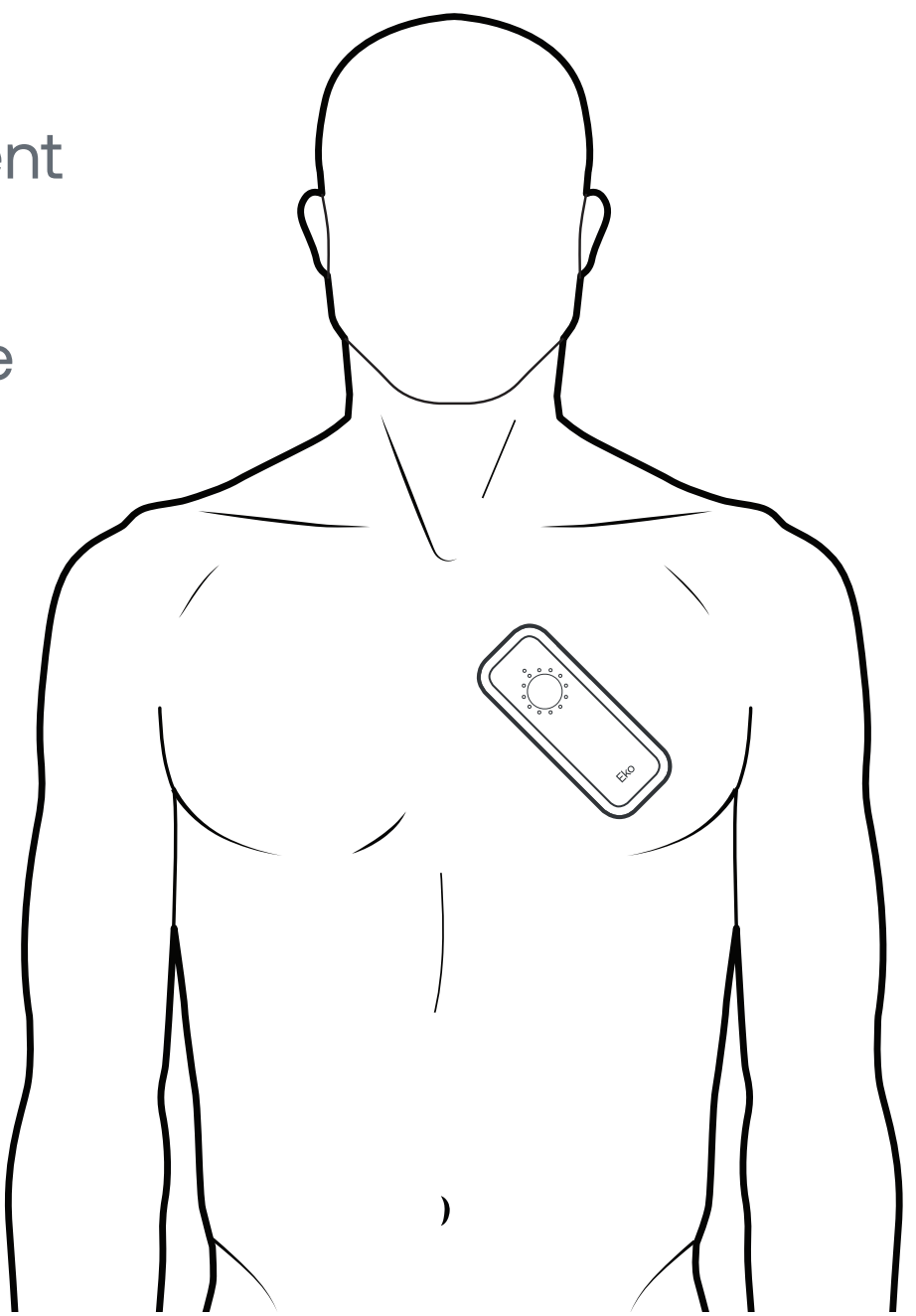
6. ECG-Capturing High Quality Signal

Placement

DUO streams a single lead ECG. Best placement can vary.

ECG electrodes must be placed on the skin.

DUO can also be used to auscultate at all anatomical positions.

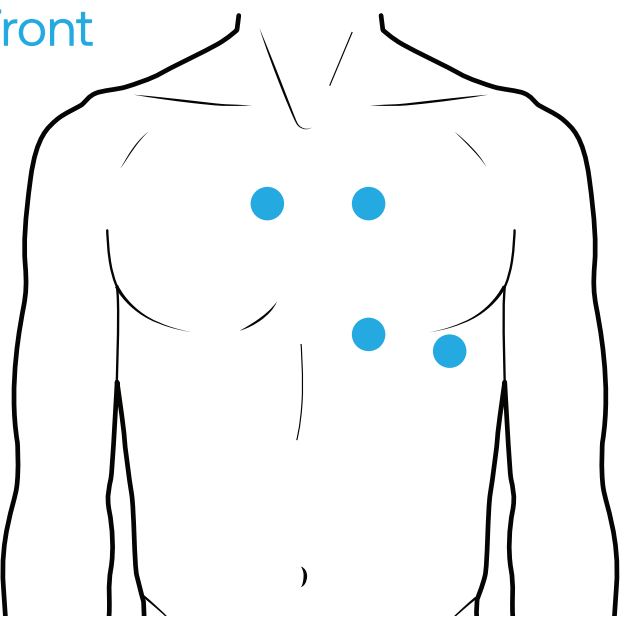


7. Sound-Capturing High Quality Heart and Lung Sounds

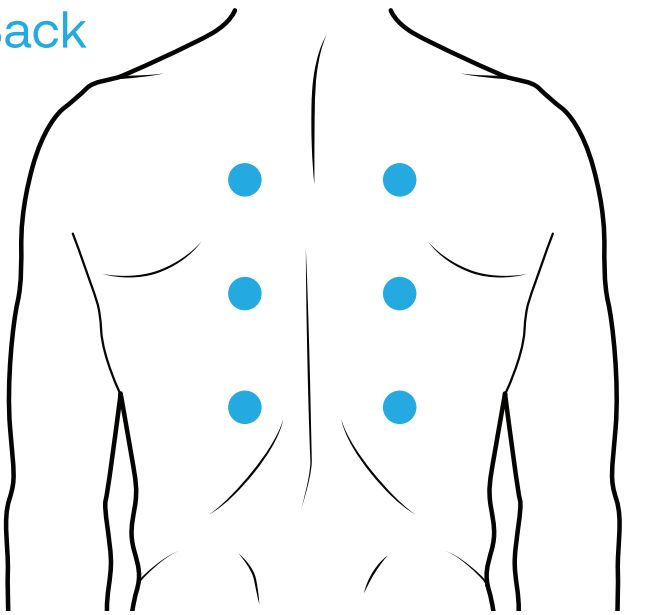
Placement

These dots indicate generally accepted DUO placement positions for listening to the heart (front) and lungs (back). DUO is sensitive to vibration and hand noise. Remember to apply firm and constant pressure against the body to ensure good contact.

Front



Back



1. Téléchargez l'application Eko

Application Eko

Téléchargez l'application Eko sur votre appareil mobile à l'aide de ce QR code ou cherchez « Eko App » sur App Store Apple ou Google Play Store.

Il est important que l'application Eko soit prête pour réaliser la configuration de votre DUO.

Flashez avec l'appareil photo de votre téléphone pour télécharger l'application Eko

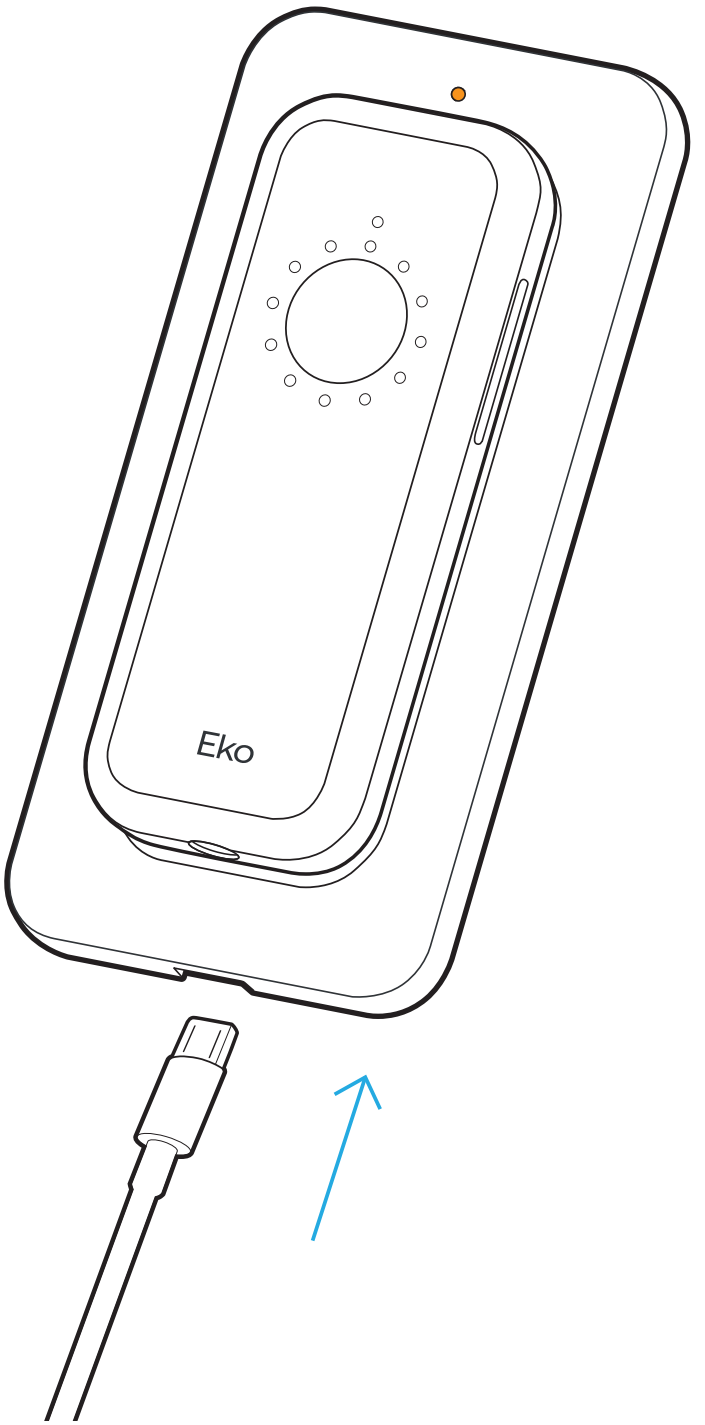
Vous bénéficierez d'un accès immédiat à des visualisations en temps réel, des fonctions d'enregistrement, des mises à jour de sécurité et sur les produits importantes et même des analyses d'IA.*

*Peut nécessiter un abonnement

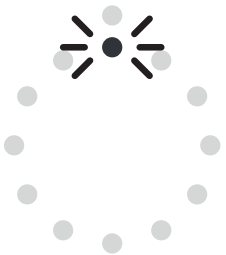
2. Configuration du DUO

Chargement de l’appareil

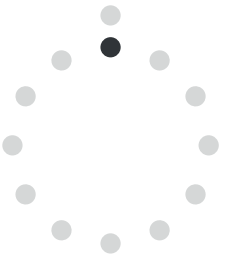
Branchez le tapis de charge sans fil dans une prise à l'aide du câble micro-USB et de l’adaptateur mural fournis. Placez DUO sur le tapis de charge sans fil. **Les voyants autour du bouton central s'allument pour indiquer que DUO est en charge et bien positionné.** Un voyant orange apparaît également sur le tapis de charge dans fil. Les voyants sur DUO s’éteignent lorsqu'il est complètement chargé.



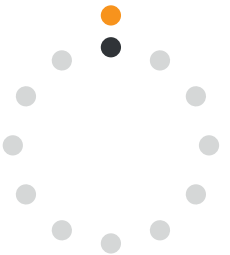
Schémas d'allumage des voyants DUO



DUO activé, clignotant.
En mode couplage.

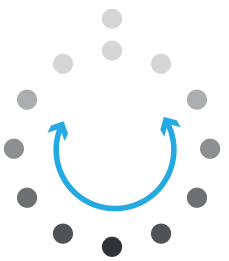


DUO activé.
Couplé avec
le dispositif.



DUO activé.
20 % de batterie.

DUO activé, clignotant.
10 % de batterie.



DUO en charge.
Les voyants entourent
le bouton.

DUO complètement
chargé.
Voyants éteints.

3. Installez les écouteurs de DUO

Lecture audio

Si vous avez acheté des écouteurs Eko, insérez le connecteur dans la prise jack audio et faites-le tourner dans le sens inverse des aiguilles d'une montre pour le fixer.

DUO peut également être utilisé avec la plupart des casques filaires de 3,5 mm.

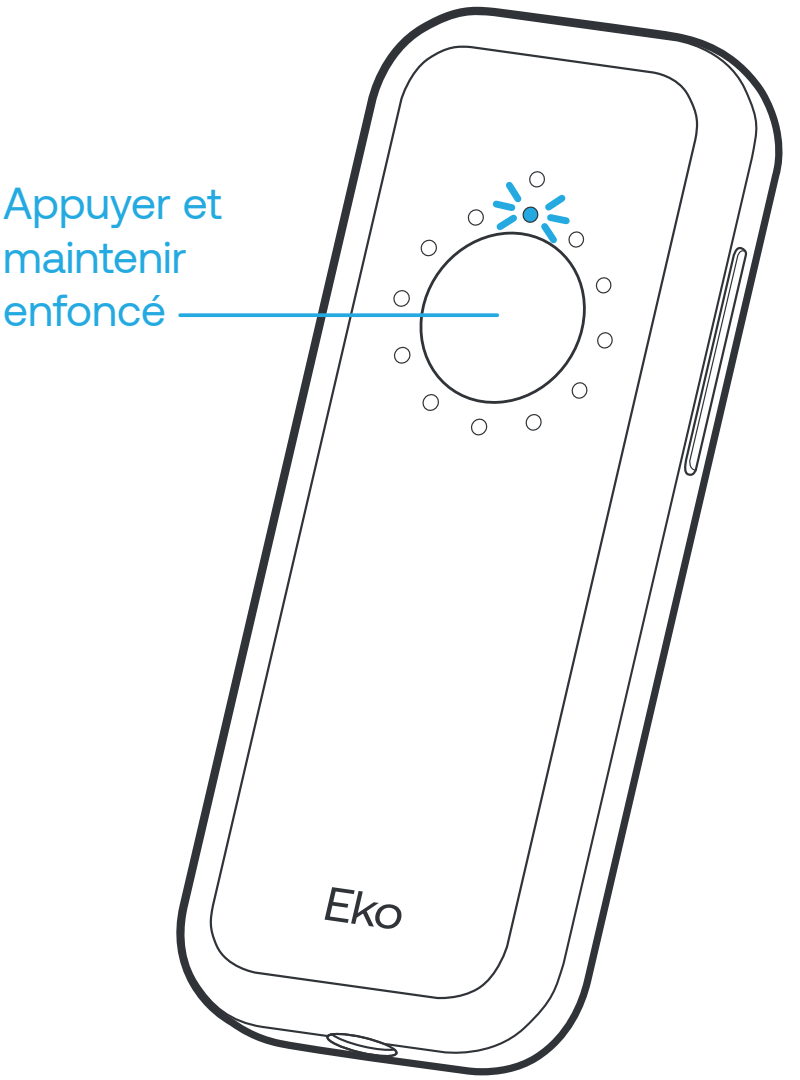
4. Mise sous et hors tension

Mise sous et hors tension de DUO

Pour la mise sous tension, appuyez pendant 1 seconde sur le bouton central, puis relâchez-le. Les voyants clignotent.

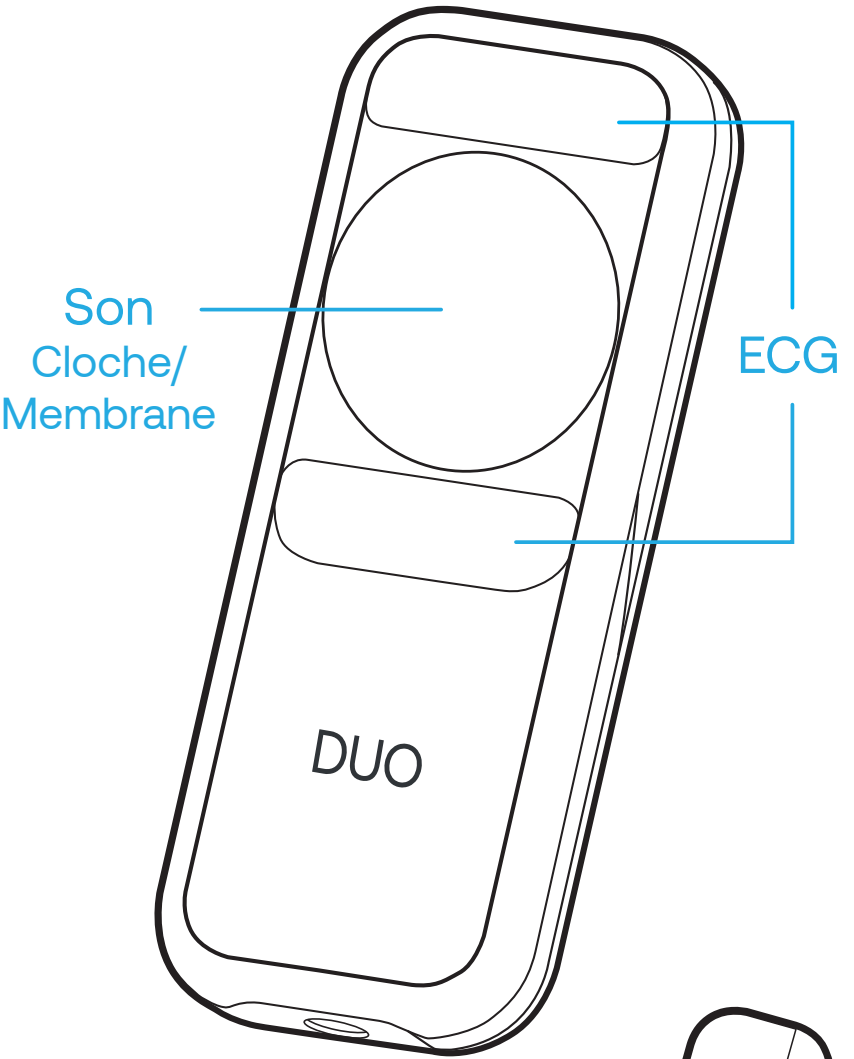
Une fois le couplage avec l'application Eko réalisé, le voyant reste allumé.

Pour la mise hors tension, appuyez pendant 2 secondes sur le bouton, puis relâchez-le. Les voyants s'éteignent.



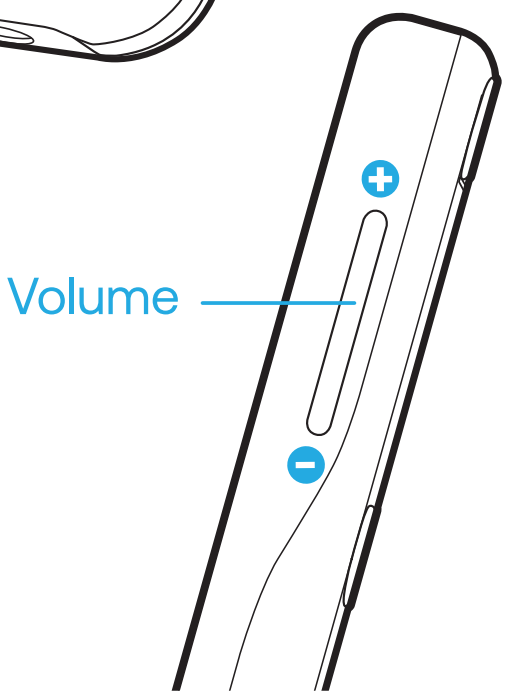
Sons + ECG

DUO est équipé d'une membrane de stéthoscope numérique et de 2 électrodes d'ECG.



Commande de volume

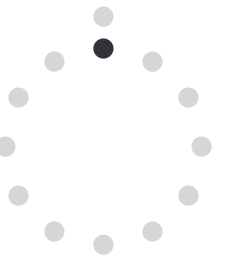
Cliquez sur le bouton latéral pour ajuster l'amplification des sons corporels dans l'écouteur.



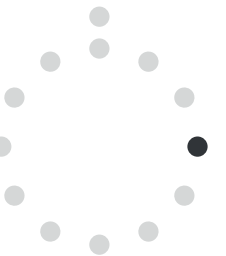
5. Réglage des filtres audio

Remplacement du filtre audio

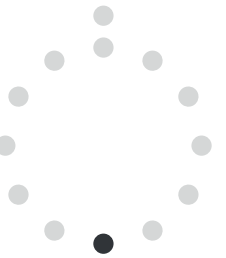
DUO compte 4 filtres audio différents. Vous pouvez changer de filtre audio en cliquant trois fois sur le bouton central.



Membrane (cardiaque)



Cloche



Plage moyenne (pulmonaire)

Étendu

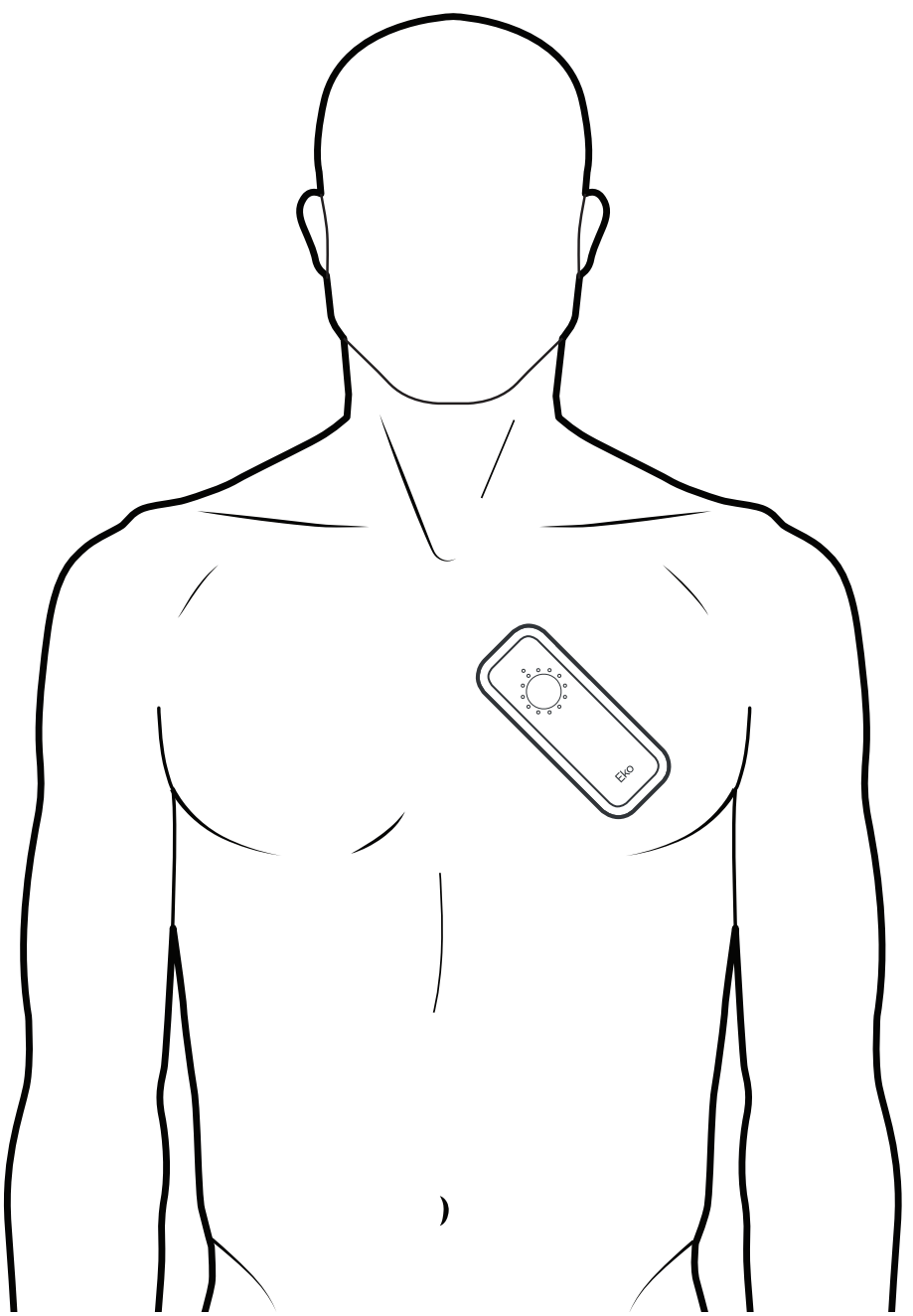
6. Capture d’un signal ECG de qualité

Positionnement

DUO transmet un ECG à un seul fil. Le meilleur positionnement peut varier.

Les électrodes d’ECG doivent être placées sur la peau.

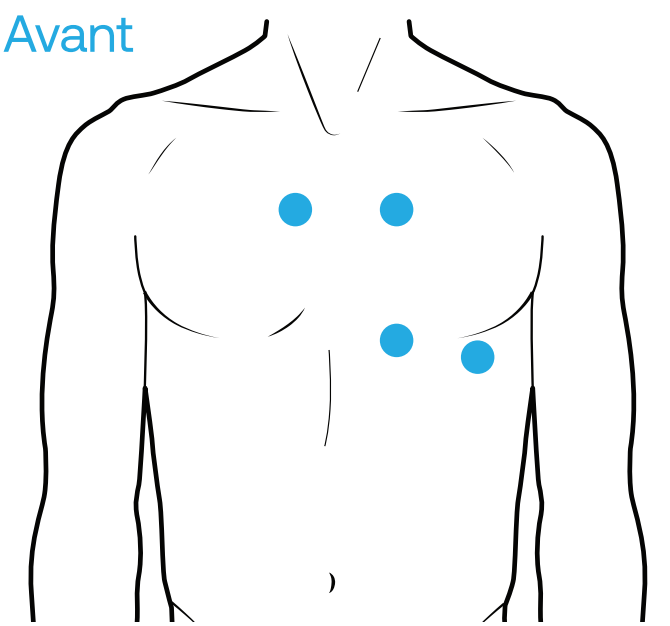
DUO permet également d’ausculter sur toutes les positions anatomiques.

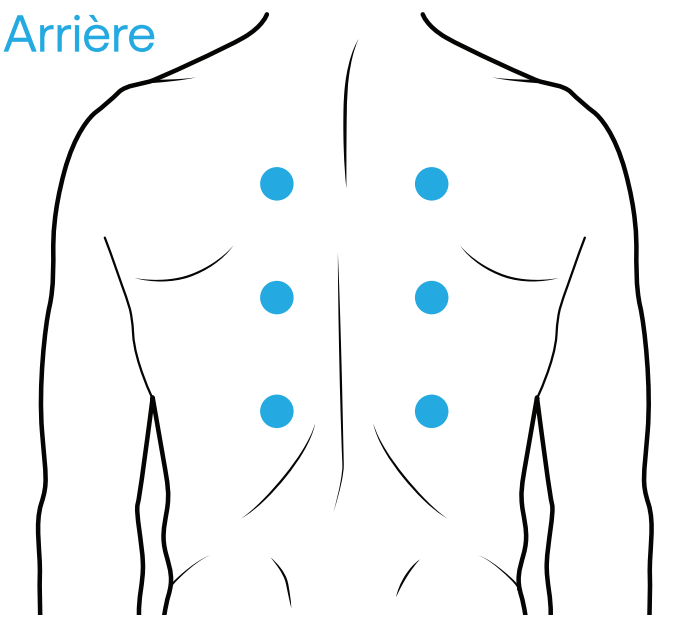


7. Capture de sons de qualité Sons du cœur et des poumons

Positionnement

Ces points indiquent les positions généralement acceptées pour écouter le cœur (avant) et les poumons (arrière) avec DUO. DUO est sensible aux vibrations et au bruit des mains. Vous devez appliquer une pression ferme et constante contre le corps pour garantir un bon contact.





1. Scaricare l’app Eko

App Eko

Scaricare l’app Eko sul proprio dispositivo mobile utilizzando questo codice QR o cercare “App Eko” nell’App Store Apple o nel Google Play Store.

Per completare la configurazione del DUO, è importante che l’app Eko sia pronta.

Scansionare con la fotocamera del telefono per scaricare l’app Eko

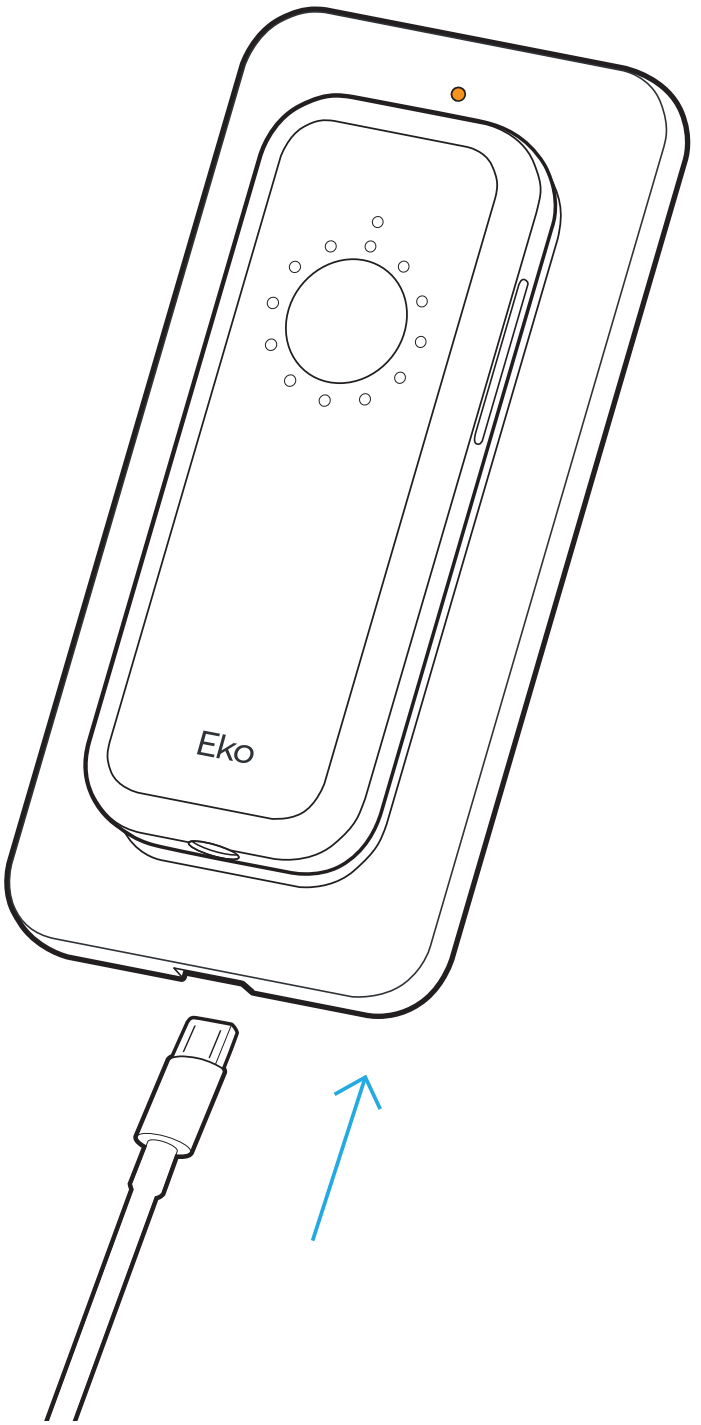
Sarà anche possibile avere un accesso immediato a visualizzazioni in tempo reale, funzioni di registrazione, importanti aggiornamenti del prodotto e della sicurezza, e persino analisi AI.*

**Potrebbe essere necessario un abbonamento*

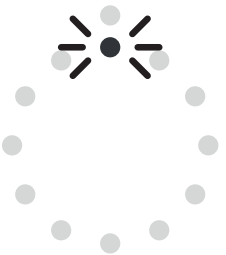
2. Configurare il DUO

Caricare il dispositivo

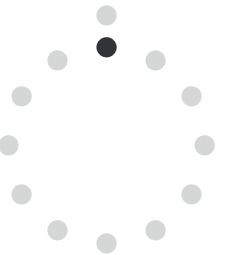
Collegare il supporto di ricarica a una presa utilizzando la micro USB e l'adattatore a parete inclusi. Posizionare il DUO sul supporto di ricarica wireless. **Le spie che circondano il pulsante centrale si accenderanno, a indicare che il DUO è in carica e posizionato correttamente.** Apparirà anche una spia arancione sul supporto di ricarica. Una volta terminata la ricarica, le spie sul DUO si spegneranno.



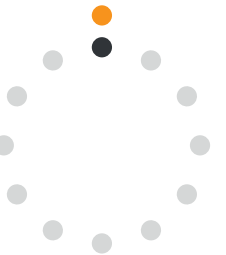
Disposizioni delle spie del DUO



DUO è acceso,
spie lampeggianti.
In modalità di associazione.

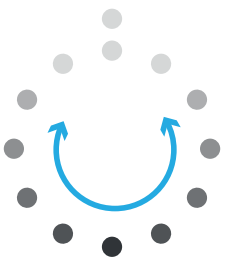


DUO è acceso.
Associato al dispositivo.



DUO è acceso.
Batteria al 20%.

DUO è acceso,
spie lampeggianti.
Batteria al 10%.



DUO è in carica.
Le spie circondano
il pulsante.

DUO è completamente
carico. Le spie
sono spente.

3. Installare gli auricolari DUO

Sentire l’audio

Se si è acquistato un auricolare Eko, inserire il connettore nel jack audio e ruotarlo in senso antiorario per fissarlo.

Inoltre, è possibile utilizzare DUO con la maggior parte delle cuffie cablate con jack da 3,5 mm.

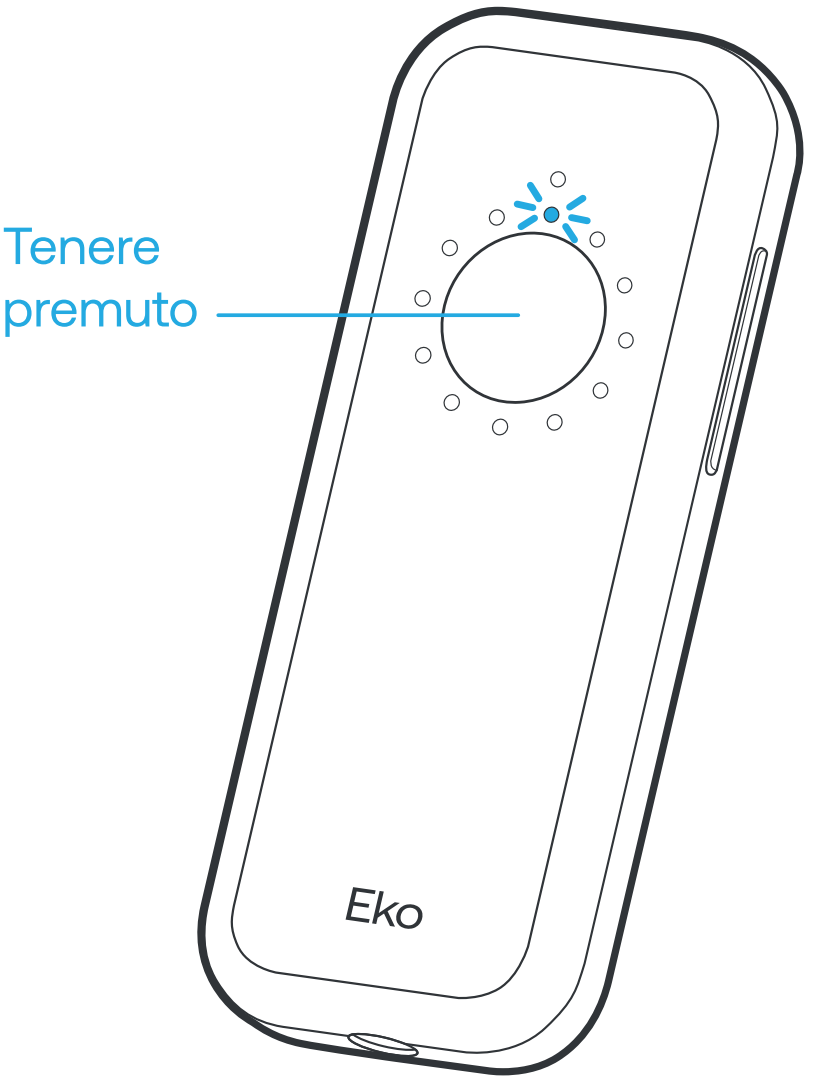
4. Accensione e spegnimento

Accendere e spegnere DUO

Per accendere, tenere premuto il pulsante centrale per 1 secondo, quindi rilasciare. Le spie lampeggeranno.

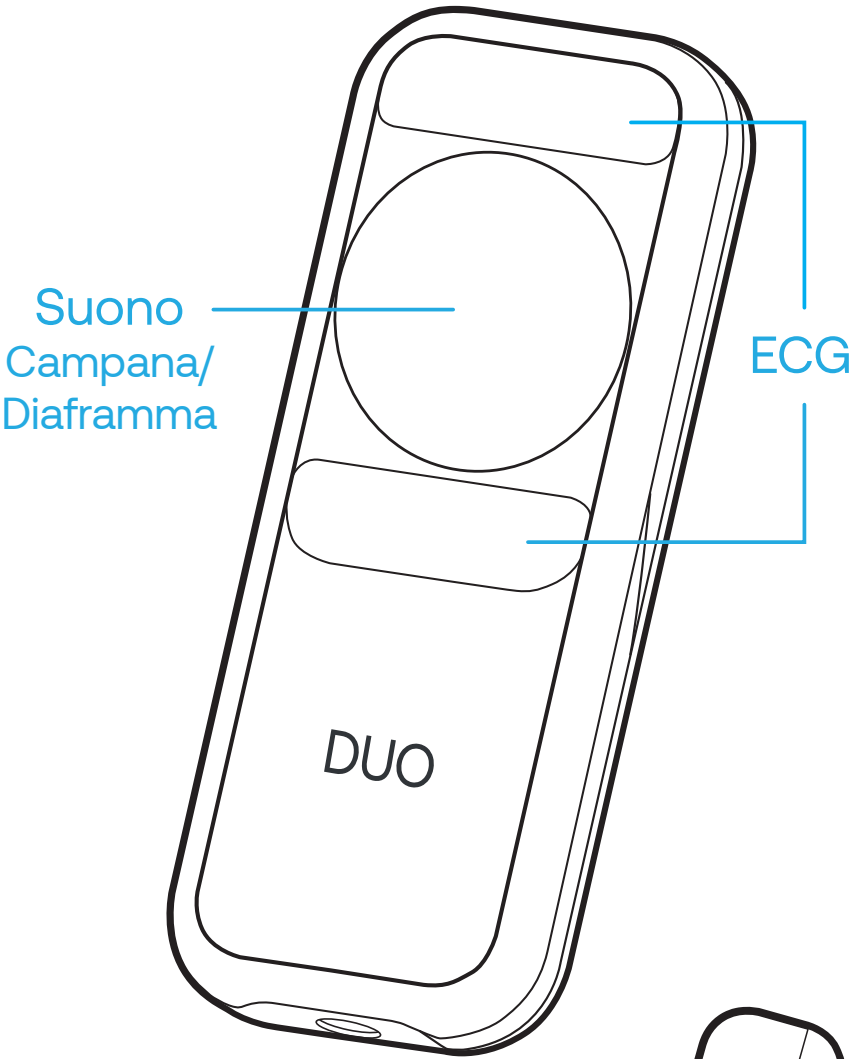
Se lo si associa con l'app Eko, la spia diventa fissa.

Per spegnere, tenere premuto il pulsante per 2 secondi, quindi rilasciare. Le spie si spegneranno.



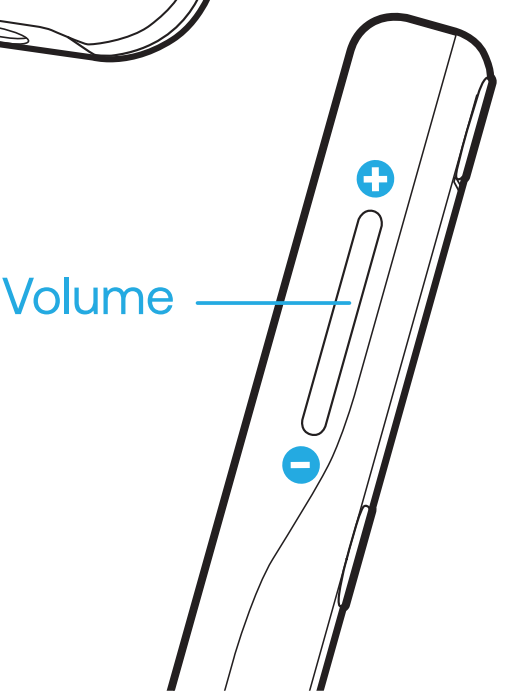
Suoni + ECG

DUO è dotato di un diaframma digitale per stetoscopio e di 2 elettrodi ECG.



Controllo volume

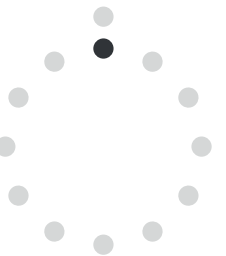
Fare clic sul pulsante laterale per regolare l'amplificazione del suono corporeo nell'auricolare.



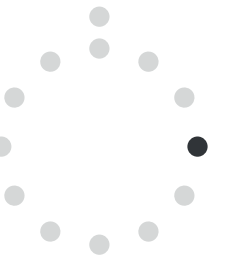
5. Regolazione dei filtri audio

Cambiare il filtro audio

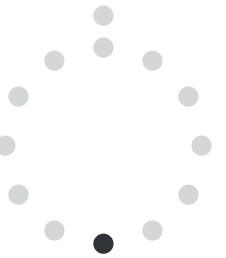
DUO ha 4 diversi filtri audio. È possibile passare a un filtro audio diverso facendo clic tre volte sul pulsante centrale.



Diaframma (cardiaco)



Campana



Gamma media (polmonare)

Esteso

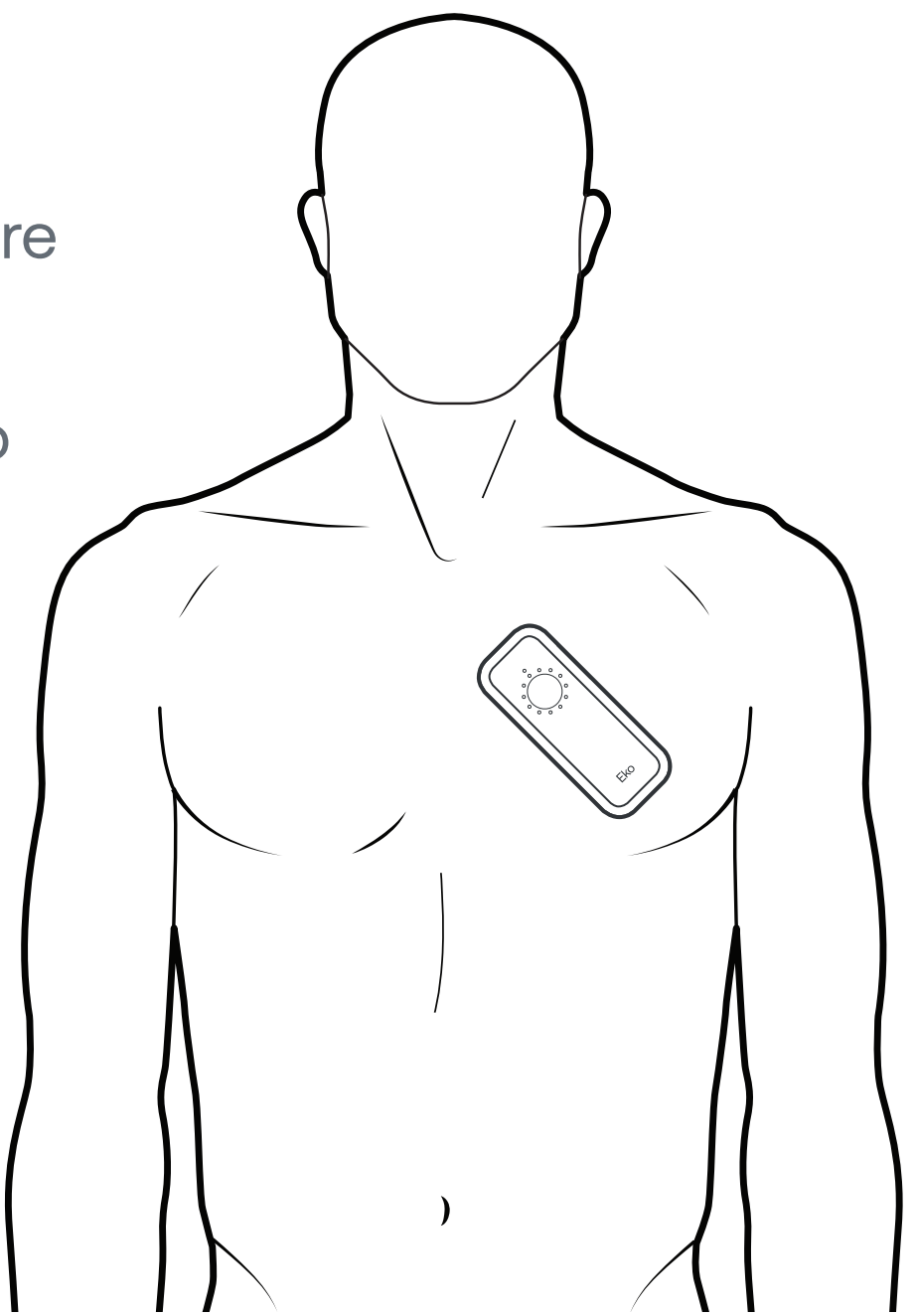
6. Segnale di alta qualità per l’acquisizione dell’ECG

Posizionamento

DUO trasmette da un solo elettrodo ECG.
Il posizionamento migliore può variare.

Gli elettrodi ECG devono essere posizionati sulla pelle.

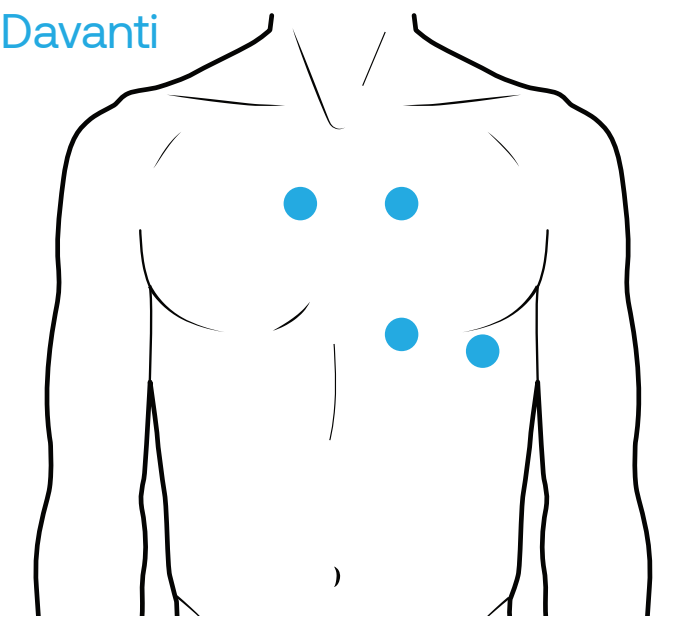
DUO può anche essere usato per auscultare in tutte le posizioni anatomiche.

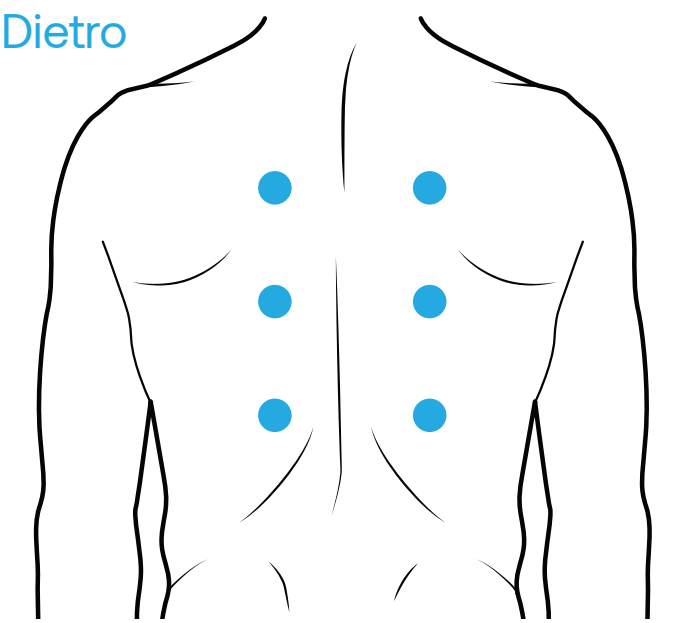


7. Alta qualità di acquisizione dei suoni Toni cardiaci e suoni polmonari

Posizionamento

Questi punti indicano il posizionamento del DUO generalmente accettato per l'auscultazione del cuore (davanti) e dei polmoni (dietro). DUO è sensibile alle vibrazioni e ai rumori prodotti con la mano. Ricordare di applicare una pressione stabile e costante sul corpo per garantire un buon contatto.





1. Laden Sie die Eko-App herunterladen

Eko-App

Laden Sie die Eko-App auf Ihr mobiles Gerät herunter, indem Sie diesen QR-Code verwenden oder in Ihrem Apple App Store oder Google Play Store nach „Eko App“ suchen.

Es ist wichtig, die Eko-App bereit zu haben, um die Einrichtung Ihres DUOs abzuschließen.

Scannen Sie mit der Kamera Ihres Telefons, um die Eko-App herunterzuladen.

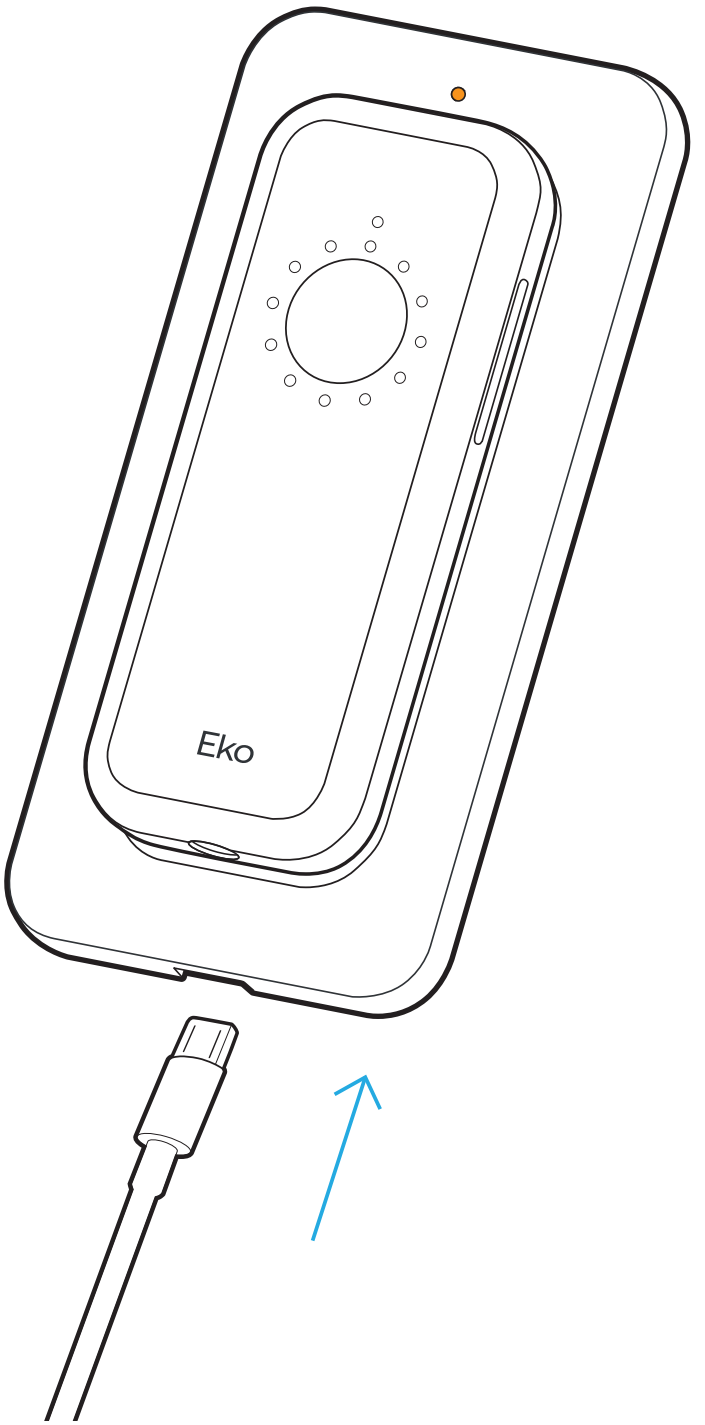
Darüber hinaus erhalten Sie sofortigen Zugriff auf Echtzeit-Visualisierungen, Aufzeichnungsfunktionen, wichtige Produkt- und Sicherheitsupdates und sogar KI-Analysen.*

*Können ein Abonnement erfordern

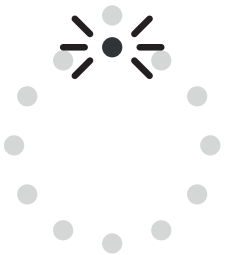
2. Einrichten des DUOs

Laden Sie Ihr Gerät aufladen

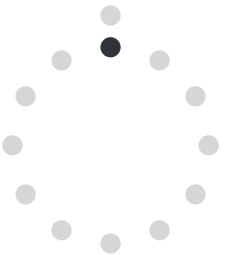
Schließen Sie das Ladepad mit dem mitgelieferten Micro-USB- und Wandadapter an eine Steckdose an. Legen Sie den DUO auf das kabellose Ladepad. **Die Lichter um die mittlere Schaltfläche leuchten auf und zeigen damit an, dass der DUO geladen und richtig platziert ist.** Auf dem Ladepad erscheint ein orangefarbenes Licht. Die Lichter am DUO erlöschen, sobald es vollständig aufgeladen ist.



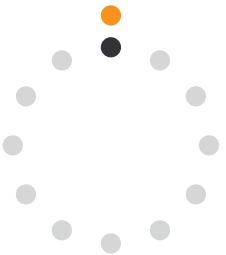
DUO-Lichtmuster



Blinkt: Ihr DUO ist eingeschaltet. Im Kopplungsmodus.

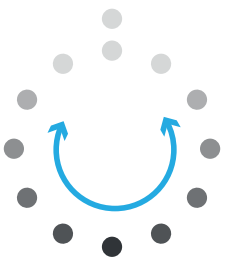


Ihr DUO ist eingeschaltet. Mit Gerät gekoppelt.



Ihr DUO ist eingeschaltet. Akkustand: 20 %.

Blinkt: Ihr DUO ist eingeschaltet. Akkustand: 10 %.



Ihr DUO lädt. Die kreisförmige Schaltfläche leuchtet auf.

Ihr DUO ist vollständig aufgeladen. Die Lichter sind erloschen.

3. DUO-Ohrhörer installieren

Audio hören

Wenn Sie Eko-Ohrhörer erworben haben, stecken Sie ihren Stecker in die Audiobuchse und drehen Sie ihn gegen den Uhrzeigersinn, um ihn zu sichern.

Ihr DUO kann auch mit den meisten kabelgebundenen 3,5-mm-Kopfhörern verwendet werden.

4. Ein- und ausschalten

DUO ein-/ausschalten

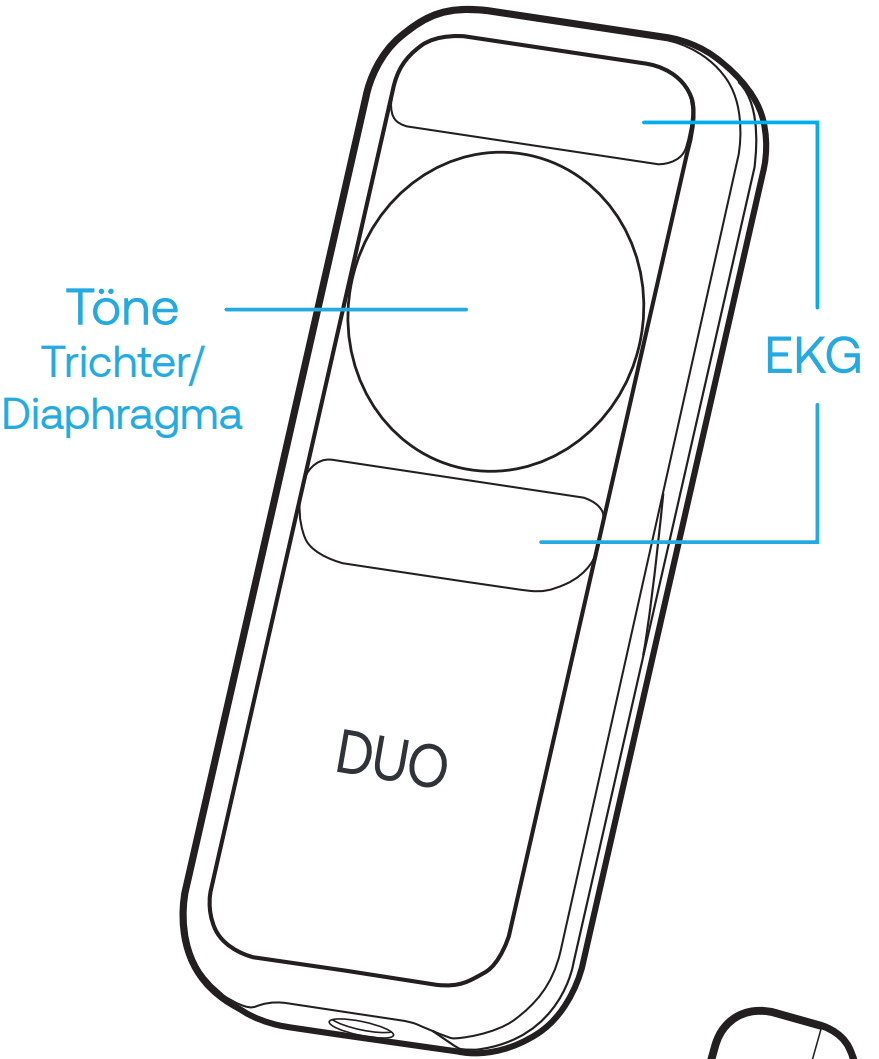
Zum Einschalten halten Sie die mittlere Taste 1 Sekunde lang gedrückt und lassen Sie sie dann los. Die Leuchten fangen an zu blinken.

Wenn sie mit der Eko-App gekoppelt sind, leuchtet das Licht auf.

Zum Ausschalten halten Sie die Taste 2 Sekunden lang gedrückt und lassen Sie sie dann los. Das Licht erlischt.

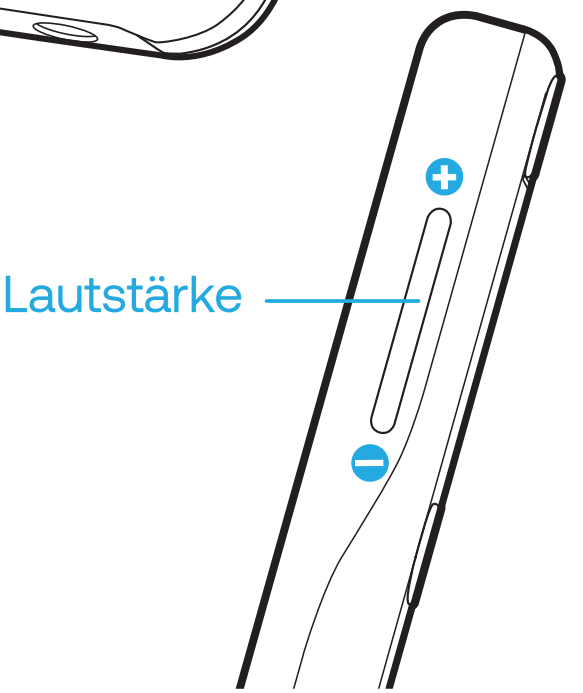
Töne + EKG

DUO ist mit einem digitalen Stethoskopdiaphragma und 2 EKG-Elektroden ausgestattet.



Lautstärkeregelung

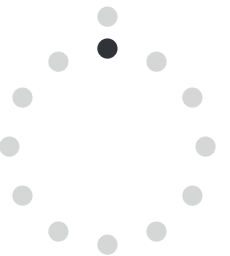
Klicken Sie auf die seitliche Taste, um die Verstärkung des Körpertöne im Ohrstück einzustellen.



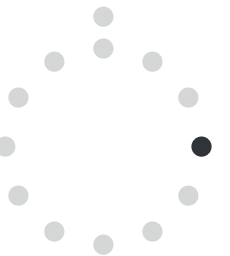
5. Audiofilter anpassen

Audiofilter wechseln

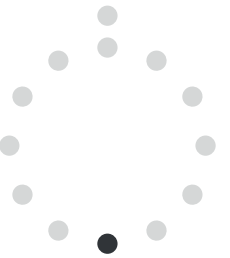
Der DUO verfügt über 4 verschiedene Audiofilter. Sie können zu einem anderen Audiofilter wechseln, indem Sie dreimal auf die mittlere Taste klicken.



Diaphragma (Herz)



Trichter



Mittlerer Bereich (Lunge)

Erweitert

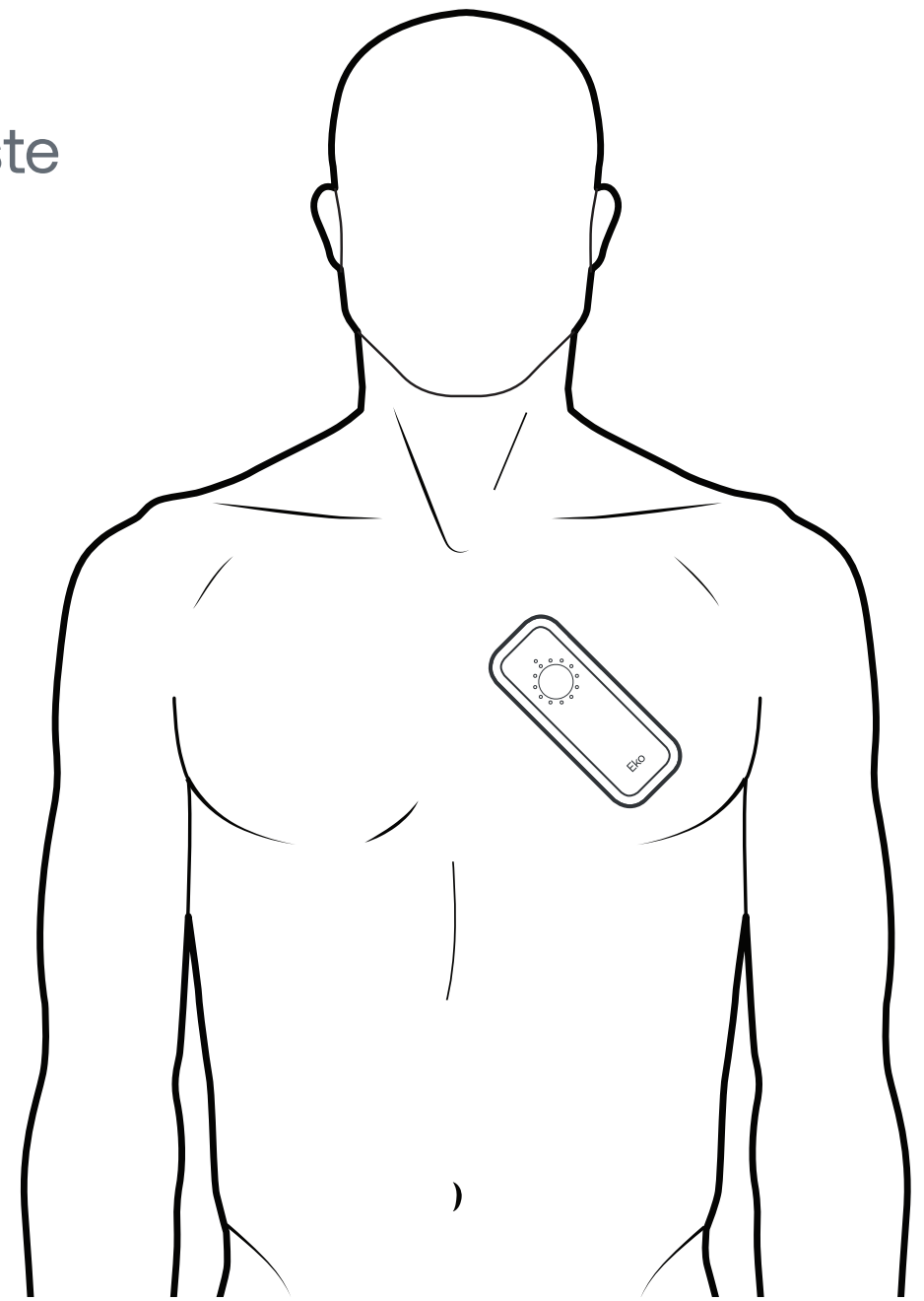
6. EKG-Erfassung mit hoher Signalqualität

Platzierung

Ihr DUO streamt ein EKG-Lead. Die günstigste Platzierung kann unterschiedlich sein.

Die EKG-Elektroden müssen auf der Haut platziert werden.

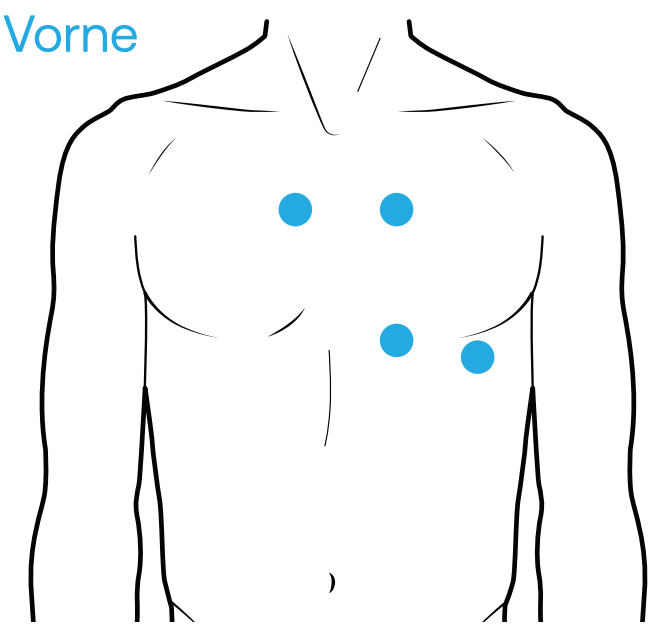
Sie können Ihren DUO zur Auskultation in allen anatomischen Positionen verwendet werden.

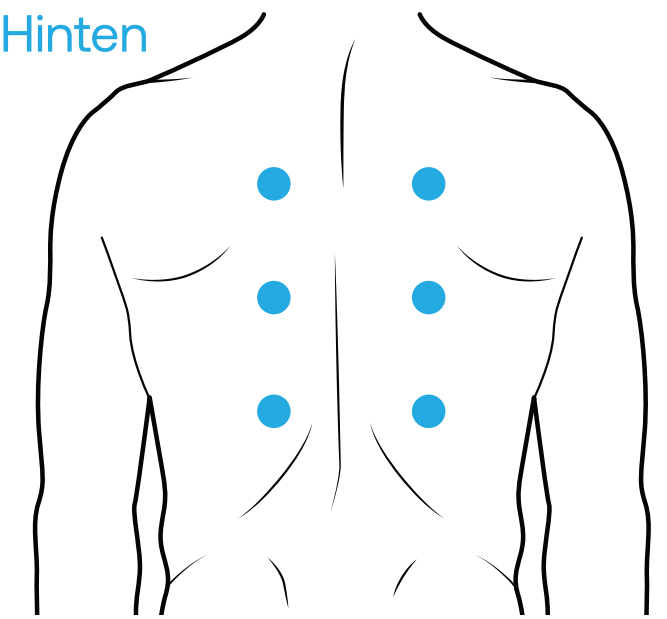


7. Hochqualitative Tonaufnahme Herz-/Lungentöne

Platzierung

Diese Punkte zeigen die allgemein akzeptierten DUO-Positionen für das Abhören von Herz (vorne) und Lunge (hinten) an. DUO ist empfindlich gegenüber Vibrationen und Handgeräuschen. Denken Sie daran, einen festen und konstanten Druck gegen den Körper auszuüben, um einen guten Kontakt zu gewährleisten.





1. Descargar la aplicación Eko

Aplicación Eko

Descargue la aplicación Eko en su dispositivo móvil con este código QR o busque “Eko App” en la App Store de Apple o la Play Store de Google.

La aplicación Eko es importante para completar la configuración de su DUO.

Escanee con la cámara de su teléfono para descargar la aplicación Eko

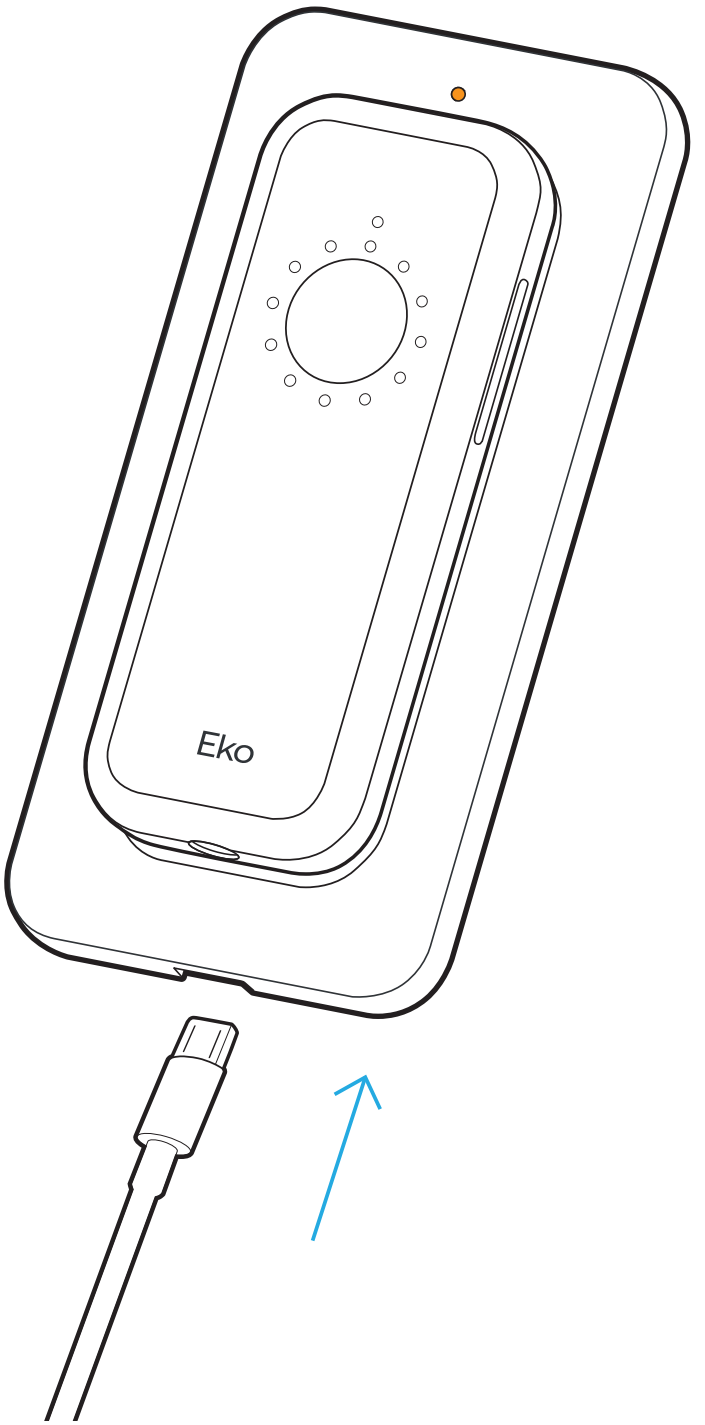
También obtendrá acceso inmediato a visualizaciones en tiempo real, funciones de grabación, importantes actualizaciones de producto y de seguridad y hasta análisis de IA.*

*Puede ser necesario suscribirse.

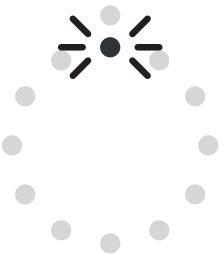
2. Configurar el DUO

Cómo cargar su dispositivo

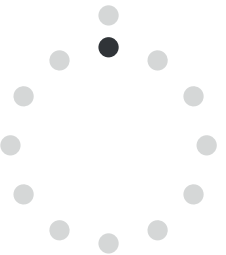
Use el micro USB y el adaptador de pared incluidos para conecte el panel de carga en una toma eléctrica. Coloque el DUO en el panel de carga inalámbrico. **Las luces que rodean el botón central se encenderán, indicando que el DUO está cargando y en la posición correcta.** También se encenderá una luz naranja en el panel de carga. Las luces el DUO se apagarán una vez que ser haya cargado totalmente.



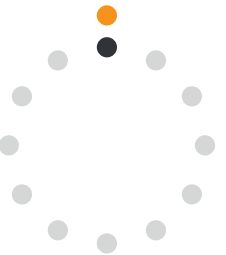
Patrones de luz del DUO



El DUO está encendido y la luz titila. En modo de emparejamiento.

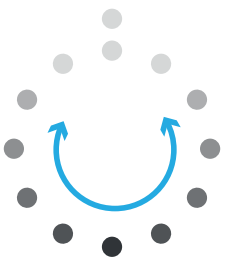


DUO está encendido. Emparejado con el dispositivo.



DUO está encendido. 20 % de batería.

El DUO está encendido y la luz titila. 10 % de batería.



DUO está cargando. Las luces rodean el botón.

DUO está totalmente cargado. Las luces están apagadas.

3. Instalar auriculares DUO

Escuchar el audio

Si compró un auricular Eko, introduzca el conector en entrada de audio y gire en sentido antihorario para asegurarlo.

DUO también funciona con la mayoría los auriculares de 3.5 mm con cable.

4. Encender y apagar

Encendido y apagado de DUO

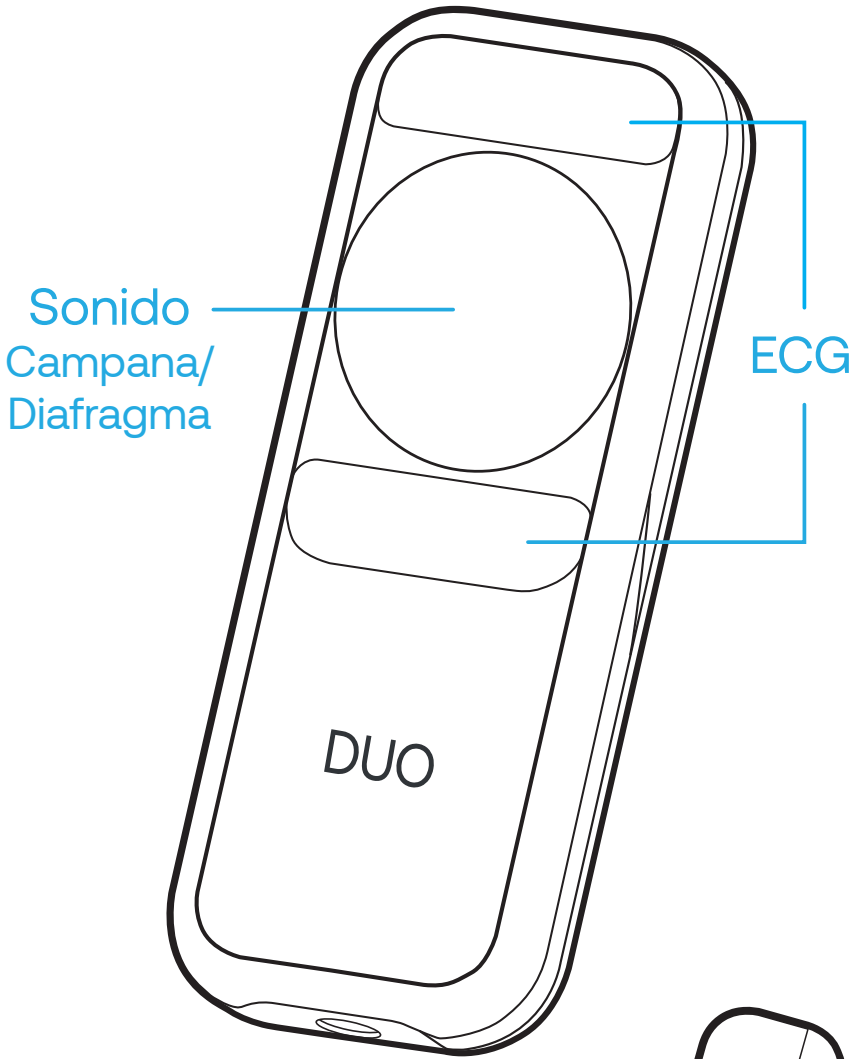
Para encenderlo, mantenga apretado el botón central durante 1 segundo, luego suéltelo. Las luces comenzarán a parpadear.

Cuando se empareje con la aplicación Eko, la luz se mantendrá encendida.

Para apagarlo, mantenga apretado el botón durante 2 segundos y luego suéltelo. Las luces se apagarán.

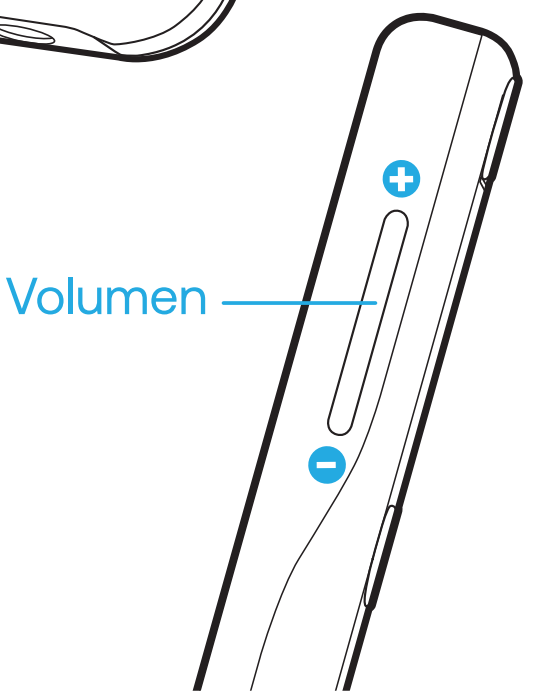
Sonidos + ECG

DUO está equipado con un diafragma de estetoscopio digital y 2 electrodos de ECG.



Control de volumen

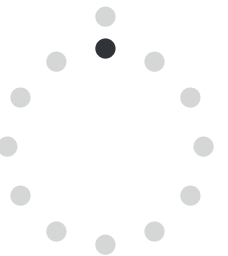
Presione el botón lateral para ajustar la amplificación del sonido corporal en el auricular.



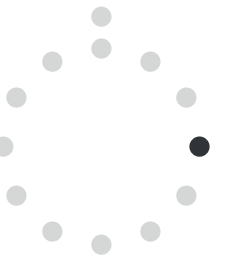
5. Ajustar los filtros de audio

Cambiar el filtro de audio

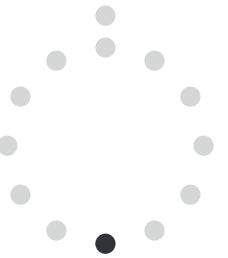
El DUO tiene 4 filtros de audio diferentes. Puede cambiar a un filtro de audio diferente tecleando en botón central tres veces.



Diafragma (Cardíaco)



Campana



Alcance medio (Pulmonar)

Extendido

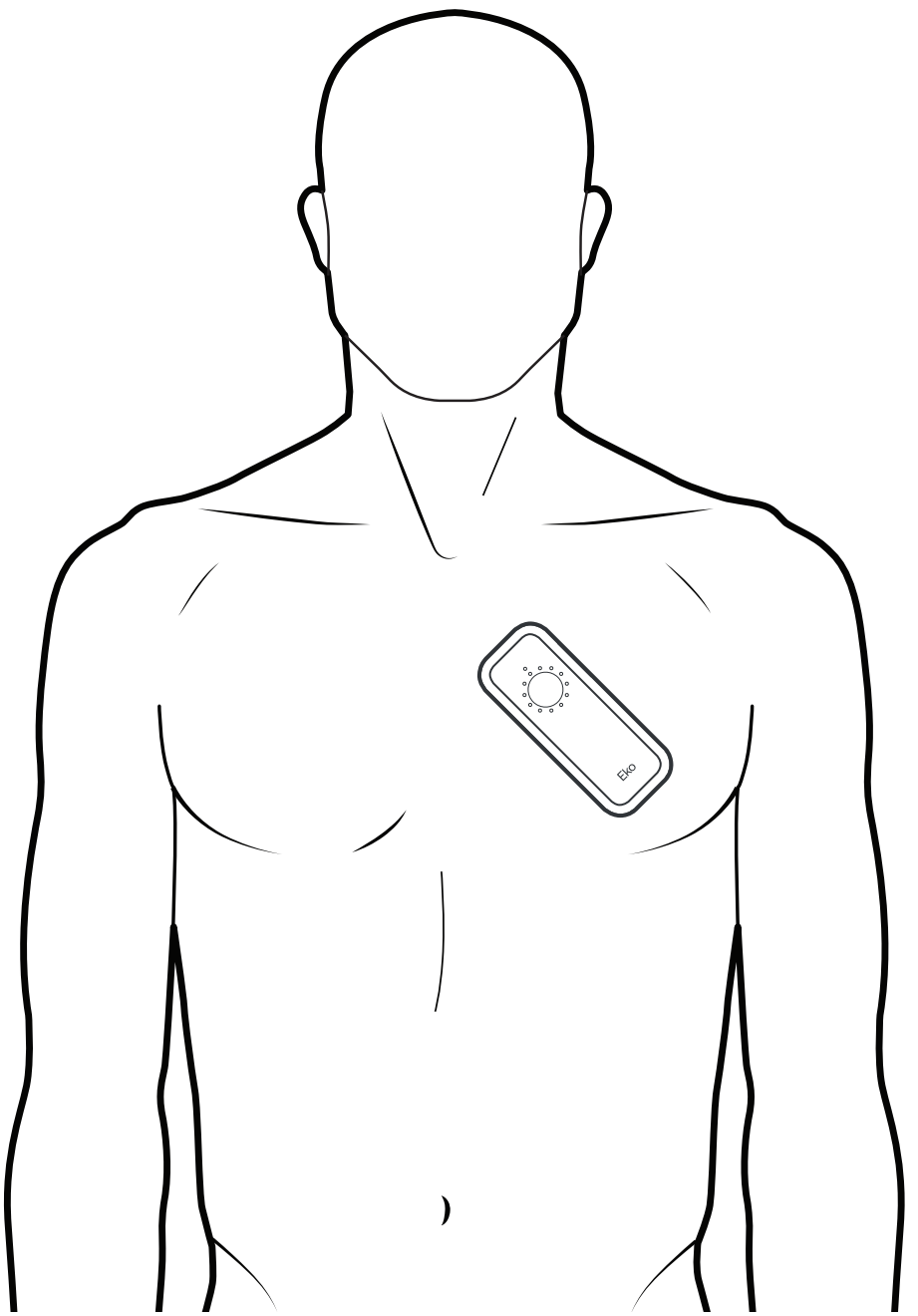
6. Captar una señal de ECG de alta calidad

Ubicación

DUO transmite un ECG de una derivación. La ubicación óptima puede variar.

Los electrodos de ECG deben colocarse sobre la piel.

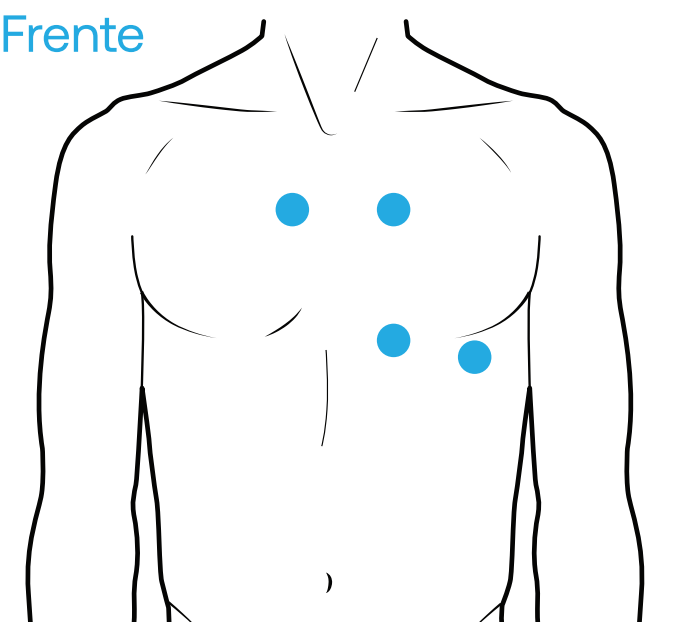
DUO también puede utilizarse para auscultar en todas las posiciones anatómicas.

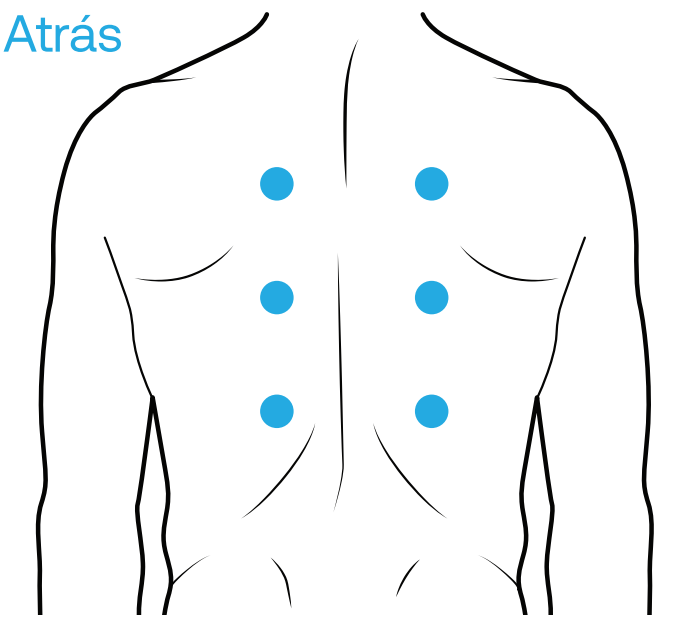


7. Captar sonidos cardíacos y pulmonares de alta calidad

Ubicación

Estos puntos indican las ubicaciones de DUO aceptadas generalmente para escuchar el corazón (frente) y los pulmones (atrás). DUO es sensible a la vibración y al ruido de las manos. Recuerde aplicar una presión firme y constante contra el cuerpo para asegurar un buen contacto.





1. Descarregue a aplicação Eko

Aplicação Eko

Descarregue a aplicação Eko para o seu dispositivo móvel usando este código QR ou pesquise “Eko App” na sua App Store da Apple ou Google Play Store.

É importante ter a aplicação Eko pronta para concluir a configuração do seu DUO.

Digitalize com
a câmera do seu telefone
para descarregar
a aplicação Eko

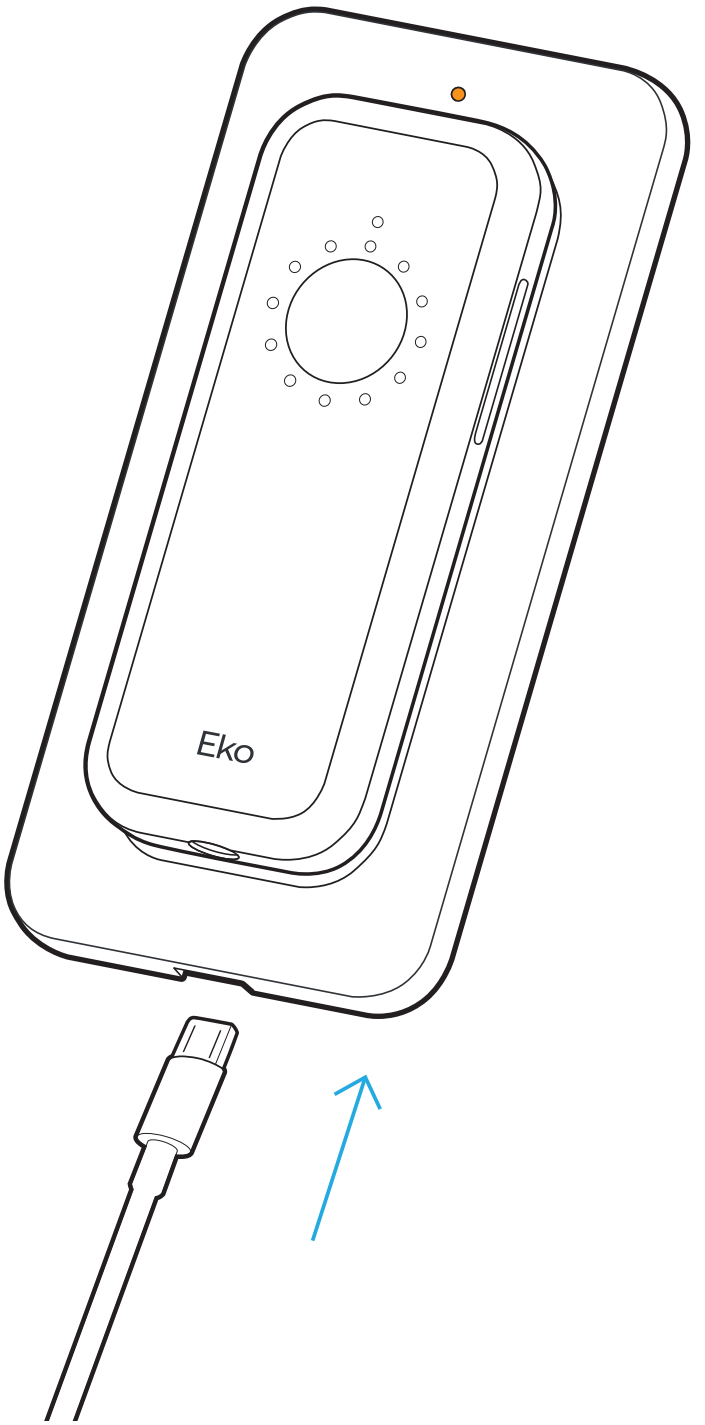
Também terá acesso imediato a visualizações em tempo real, recursos de gravação, produtos importantes e atualizações de segurança e até análises de IA. *

** Pode necessitar de assinatura*

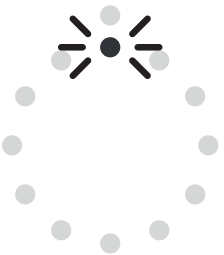
2. Configurar o DUO

Carregue o seu dispositivo

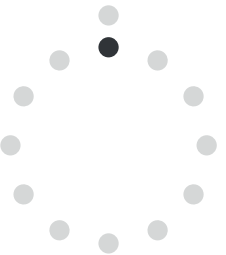
Utilize o cabo micro USB e o adaptador de parede inclusos para fornecer alimentação ao carregador. Coloque o dispositivo DUO sobre o carregador sem fios. **As luzes que circundam o botão central acenderão, indicando que o DUO está a carregar e devidamente colocado.** Uma luz laranja também aparecerá no carregador. As luzes do dispositivo DUO apagar-se-ão uma vez carregado.



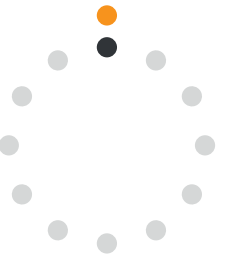
Padrões de luz DUO



O DUO está ativado, a piscar. Em modo de emparelhamento.

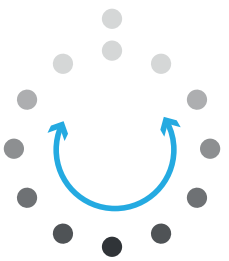


O DUO está ativado. Emparelhado com o dispositivo.



O DUO está ativado. 20% de bateria.

DUO está ativado, a piscar. 10% de bateria.



O DUO está a carregar. Botão de círculo de luzes.

O DUO está completamente carregado. As luzes estão apagadas.

3. Instale auscultadores DUO

Ouvir áudio

Se comprou auscultadores Eko, insira o conector na entrada de áudio e rode no sentido anti-horário para prender.

O DUO também pode ser utilizado com a maioria dos auscultadores com fio de 3,5 mm.

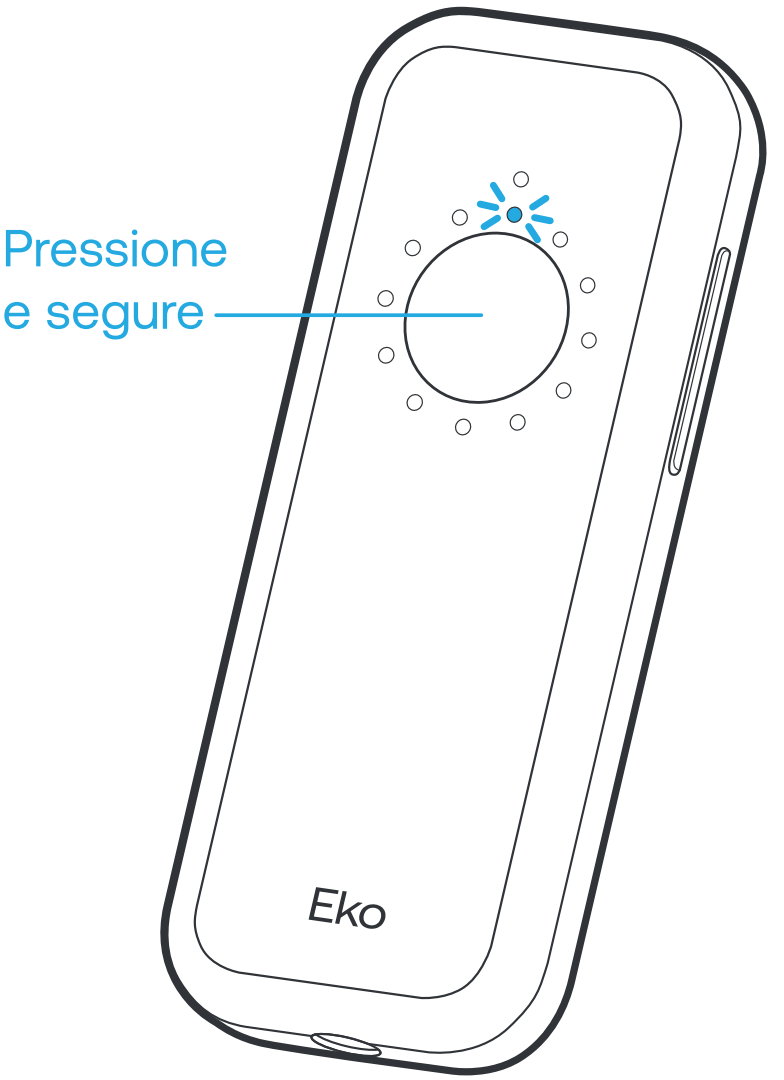
4. Ligar e Desligar

Ligar/Desligar o DUO

Para ligar, prima ininterruptamente o botão central durante 1 segundo e, em seguida, liberte-o. As luzes irão piscar.

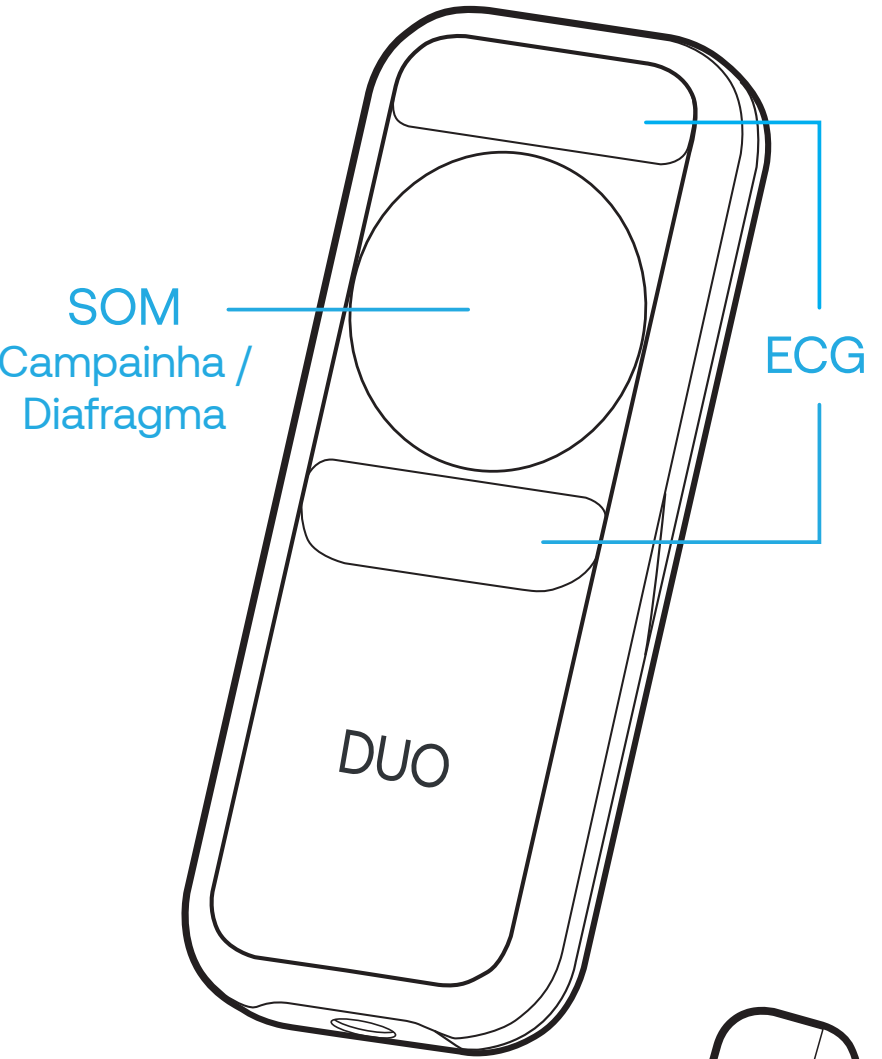
Uma vez emparelhados com a aplicação Eko, a luz ficará fixa.

Para desligar, prima ininterruptamente o botão central durante 2 segundos, e, em seguida, liberte-o. As luzes desligar-se-ão.



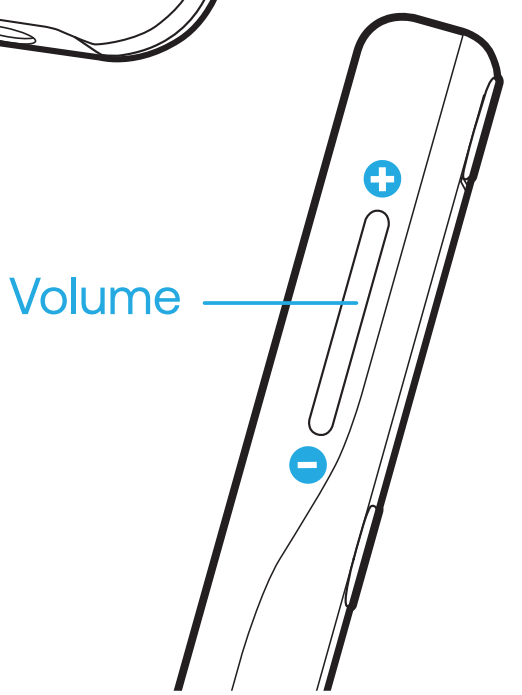
Sons + ECG

O DUO está equipado com um um estetoscópio digital com diafragma e 2 elétrodos de ECG.



Controlo do volume

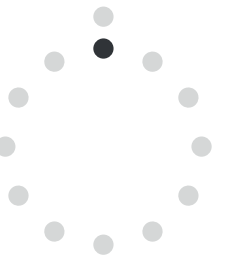
Clique no botão lateral para ajustar o volume do som corporal no Auscultador.



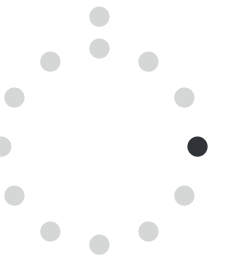
5. Ajustar os filtros de Áudio

Alterar o filtro de áudio

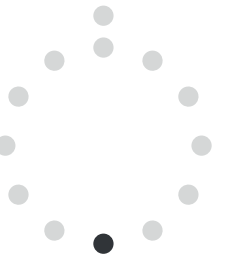
O DUO tem 4 filtros de áudio diferentes. Pode mudar para um filtro de áudio diferente clicando no botão central três vezes.



Diafragma (Cardíaco)



Campainha



Intermédio (Pulmonar)

Expandido

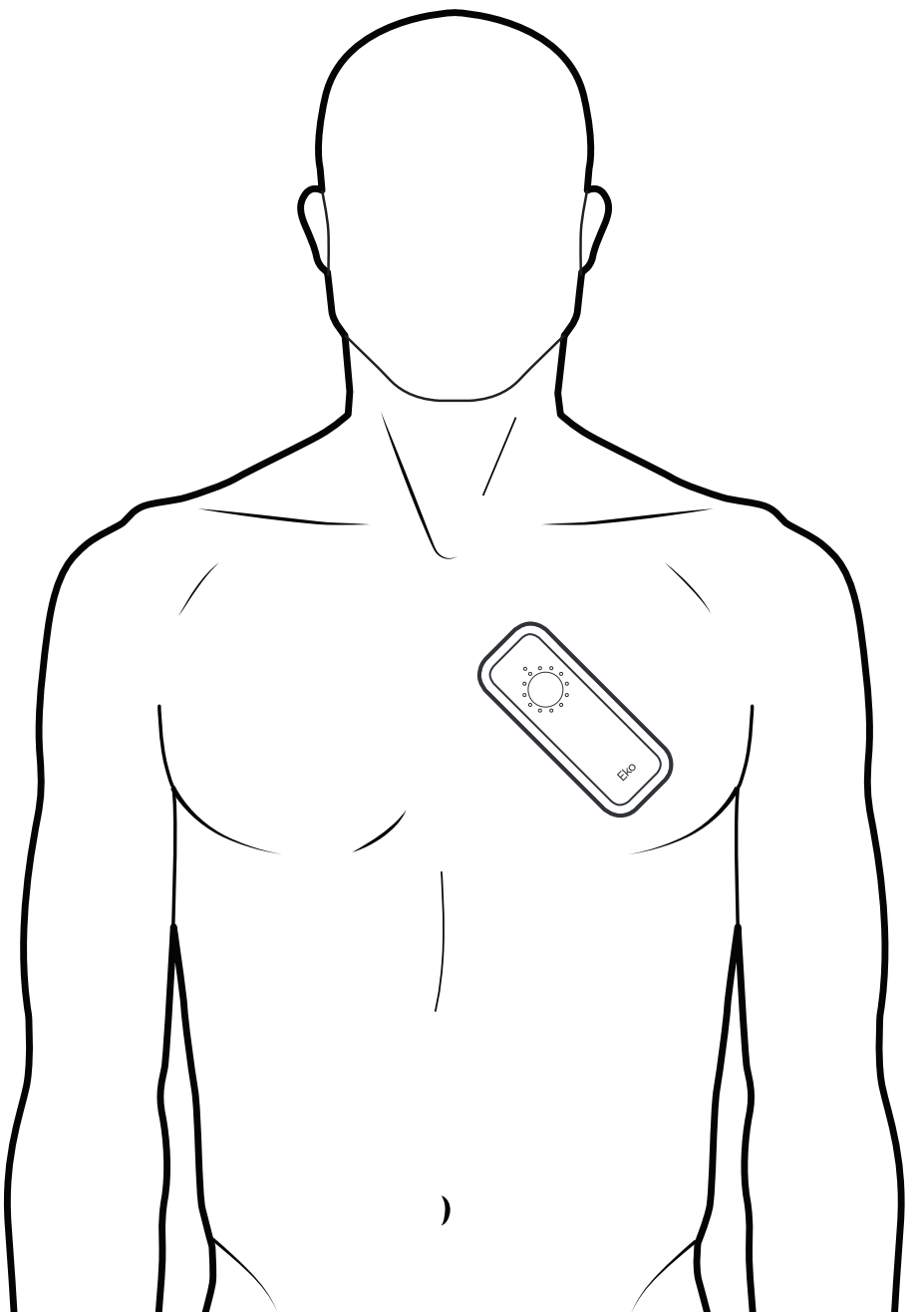
6. Sinal de alta qualidade de captura de ECG

Colocação

O DUO efetua uma transmissão de um ECG com derivação única. A melhor colocação pode variar.

Os elétrodos do ECG devem ser colocados na pele.

O DUO também pode ser utilizado para auscultar em todas as posições anatómicas.

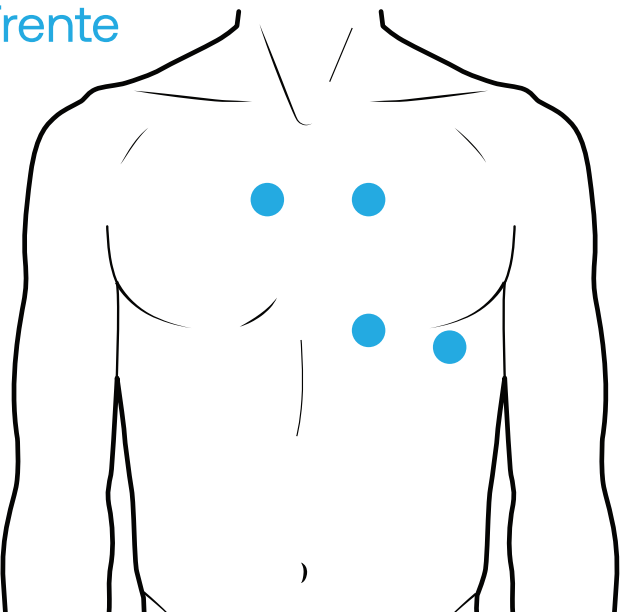


7. Alta qualidade de captura de som Sons cardíacos e pulmonares

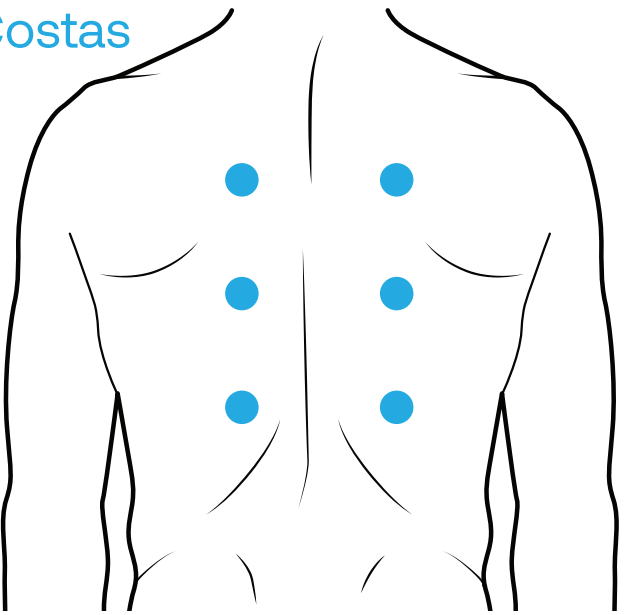
Colocação

Esses pontos indicam posições de colocação DUO geralmente aceitos para ouvir o coração (frente) e os pulmões (costas). O DUO é sensível à vibração e ruído das mãos. Lembre-se de aplicar pressão firme e constante contra o corpo para garantir um bom contacto.

Frente



Costas



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