

Welcome to Prescott Mac Users Group SIG

Today we will be talking about the Apple Watch and operating system 10.

Outline - Watch Use

- * Watch setup & general use
- * Battery usage & Charging
- * Watch sensors & control
- * Fitness, workouts & mindfulness
- * Sleeping
- * Listening to music, audiobooks or podcasts
- * Reference: Take Control of Apple Watch-4.2

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https://www.takecontrolbooks.com/apple-watch/



Note: IF you upgrade to a Stainless Steel case on the Series 9, you will pay only \$50 less than buying the larger, titanium case Ultra 2!!



Size of watch refers to the case size from top to bottom. It is helpful to try on a watch before buying, if possible, in order to get the size that fits your wrist, and that you like. The Apple Store will let you try on different watches and bands.

Apple Watch Series





The Ultra is Apple's top of the line watch. I think of it as a watch for adventurers and explorers.



SE is the 5 without the ECG or always on display!! I own a Series 6 watch and like it very much. I purchased it because it has the blood oxygen sensor.



SE 1 is the Series 5 and SE 2 is the Series 8, but without the ECG or always on display!!

Italian company Masimo has filed a law suit saying Apple "stole" their Blood O2 sensor and has barred them from importing the watches to the US. So, Apple has removed the sensor from all watches sold after Jan 17, 2024.

Watches sold before that time still have the Blood O2 sensor! So, wait for this patent dispute to be solved before upgrading to a new watch!

Series Health/Fitness Features

Apple Watch model/health and fitness features	Series 9	8	7	6	SE 2
On-device Siri with Health access	\checkmark	×	×	×	×
ECG app	\checkmark	\checkmark	\checkmark	\checkmark	×
Blood Oxygen app	\checkmark	\checkmark	\checkmark	\checkmark	×
Third-generation optical heart sensor	\checkmark	✓	\checkmark	\checkmark	×
High/low heart rate notifications	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Irregular rhythm notifications	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Low cardio fitness notifications	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Water resistant to 50m	\checkmark	\checkmark	\checkmark		
Sleep tracking with sleep stages	\checkmark	✓	\checkmark	\checkmark	
Mental wellbeing	\checkmark	\checkmark	\checkmark	\checkmark	
Crash detection	\checkmark	\checkmark	×	×	
Fall detection	\checkmark	\checkmark	\checkmark	\checkmark	
Advanced cycle tracking with temp sensing	\checkmark	\checkmark	×	×	×
Cycle tracking without temp sensing o					

Setting Up Watch Using iPhone

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- Requires an iPhone XR/XS or later running iOS 17 to set up & sync & WatchOS 10+
- * <u>https://support.apple.com/en-us/</u> <u>HT204505</u>
- Cellular watches require add-on charge to phone cellular plan (~\$10/mo)
- * <u>https://support.apple.com/en-us/</u> <u>HT207578</u>



I ALWAYS recommend buying the watch with the Cellular option/ability!!!

Setting Up Watch Using iPhone

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- Most settings are input from the Apple Watch app on iPhone
- Create a passcode for the watch Strongly Recommended
- * Choose the feature settings and apps you want on the watch
- * iPhone now syncs all data with watch



The basic settings for the watch are configured using the iPhone Watch App.

Setting Up Watch Faces Using iPhone

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- Setup Faces & Complications
- * Tap Face Gallery at bottom
- Choose Face based on looks & #complications
- Astronomy has two complications, and several Views & Styles
- Infograph has eight complications, and four Styles

<complex-block>

https://support.apple.com/guide/watch/faces-and-features-apde9218b440/watchos

Setting Up Watch Faces Using iPhone



Choose the watch face that is attractive to you, AND has room for the complications you want to monitor!!! NOTE: not all watches support all the faces!!!

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I use 4 faces: Fun/To Do (Music, Now Playing, Podcasts, Reminders, Calculator); Wayfinder (Elevation, Temperature, Timer, Activity, Date, Last viewed Waypoint, Workout, Compass); Main (Battery, Temperature, Workout, Heart Rate, Activity Rings, Calendar Schedule, Stopwatch, Timer) Communication (Phone, Messages, Date, Voice Memos, Mail)



For Seniors, having the heart complication can let you know what the heart is doing.

If you exercise and want to keep track, then having the Workout complication on the main face allows easy access for keeping track.

You really should be trying to close your rings daily. By seeing that at a glance on your main face allows you to get up off your couch or chair to close them.



By turning on Wrist detection, you essentially turn the watch into a black brick if it comes off your wrist, if the thief does not have your passcode, or your iPhone! I usually wear a watch band that is a continuous strap which is harder to get off in crowds and big cities.

Passcode Considerations

- * Guide to iOS estimated passcode cracking times:
- * 4 digits: ~ 6.5 min average, 13 min worst case
- * 6 digits: ~ 11 hrs average, 22 hrs worst case
- * 8 digits: ~ 46 days average, 92 days worst case
- https://fossbytes.com/iphone-hacking-graykeyguess-6-digit-passcode-11-hours/

Security of Health Information

- * When locked with Passcode, all data except Medical ID is encrypted on the iPhone/iPad
- * When locked with Passcode and 2FA, even Apple can not read your data
- * Before downloading new medical/health App and sharing your data, review their <u>App Privacy</u> settings
- * DO NOT give Apps access to camera, microphone, images, videos
- Review data regularly on iPhone>Health App>Profile>Apps and Services

WatchOS 10

- Completely redesigned the interface
- * Side button and Digital Crown reprogrammed
- <u>https://support.apple.com/guide/watch/whats-new-apdb93ea3872/watchos</u>
- <u>https://support.apple.com/guide/watch/welcome/</u> <u>watchos</u>

Apple Watch is even easier to use thanks to an updated interface that takes full advantage of the Apple Watch display and provides more information at a glance. WatchOS 10 offers redesigned apps, the Smart Stack, and new ways to navigate.

Using the Digital Crown

- * Phone Watch App>App View>List View!!!
- * Single press shows App list or icons
- Tap & hold on an App allows you to delete an App
- Double tap opens the App Switcher (all open apps)
- Scroll through by swiping or Digital Crown
- * Swipe left to remove an App that is frozen



How to Use Apple Watch Digital Crown, Action & Side Buttons: https://www.iphonelife.com/content/15-ways-to-use-apple-watch-buttons-digital-crown





Using the Digital Crown

- Watch>Siri>Raise to Speak to activate Siri by raising your wrist and speak into the Watch
- * Watch>Siri>Listen for Siri>On to say Hey Siri or Siri
- Press & Hold the crown until you see listening indicator, then speak your question/command

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Three alternate ways to activate Siri.

Using the Side Button

- * Press side button to open Control Center
- * Use crown or a swipe to scroll up or down
- * Press side button twice to access Apple Pay near NFC Reader
- * Press and hold to access Medical ID, Emergency SOS Call, or to turn off (Ultra accesses Siren & Cancel Compass Backtrack also)

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📢 Siren

Medical ID Compass Backtrack mergency

Only the Ultra watch has the siren feature.



When you set up your Medical ID in the Health app on your iPhone, that information is also available on your Apple Watch. If you share your Medical ID, your Apple Watch can send your medical information to emergency services when you call or text 911 or use Emergency SOS (U.S. and Canada only).

To view your Medical ID on your Apple Watch, follow these steps:

1. Press and hold the side button until the sliders appear.

2. Slide the Medical ID slider to the right.

Using the Watch Face

- * Swipe up to show the Smart Stack Shows time, date, day of week & widgets (weather, music, calendar, etc)
- * Tap & hold on Smart Stack to edit (add or delete)
- * Tap & hold on watch face to swipe & select or edit the face



The Smart Stack is a set of widgets that uses information such as the time, your location, and your activity to automatically display the most relevant widgets at the appropriate time in your day. For example, at the beginning of the day, Weather will show the forecast or, when you're traveling, the Smart Stack will show boarding passes from Wallet.

To switch faces in WatchOS 10, long press on your current watch face. Then, swipe right or left to see the available faces. Tap on a clock face that you want to set as a default watch face.

Using the Watch Face

- Red "dot" at top of watch indicates new notifications
- * To view, swipe down from the top on your watch
- * Long press on watch face to change Faces
- * Swipe left or right to choose face then tap to select

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If you have missed a notification, a red dot will appear at top of your watch screen in the center.



Whenever you are sitting still at home, plug in your watch. If you are always on the go, recommend buying a Watch Charging Battery (<u>https://www.amazon.com/s?</u> <u>k=apple+watch+battery+bank&crid=1TFR5ZZ3ZPW4L&sprefix=Apple+watch+batt,aps,206&ref=nb_sb_ss_ts-doa-p_5_16</u>)





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87%

((†))

- * Ways to check your watch battery level:
- * On watch, add battery complication to your watch face
- * Press side button to go to Control Center
- * On iPhone, add widget to look at batteries



Putting the Battery Complication on your main face so you can monitor it is recommended

Check your battery by pressing side button to look at Control Center

On an iPhone, you can add a battery widget to show the battery percentage of a connected Apple Watch (as well as battery for iPhone, AirPods, etc)

Improve Watch Battery Life

- * On iPhone Watch App:
 - * Use a dark watch face
 - * Reduce Notifications from iPhone Watch App
 - * Turn Off WiFi in Control Center when out of range
 - Turn off all health tracking: Watch App>Privacy>Turn all off
 - In emergencies, turn on Low Power Mode: Apple
 Watch Settings>General>Low Power Mode (2x length)

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Push notifications is another battery drain. Turn off as many as possible

You can always in dire straits turn off all the health monitoring: Apple Watch App> Privacy>Turn all off. Remember once you charge the watch to turn all back on.

Low Power Mode turns these features off: Always On display, Heart rate notifications for irregular rhythm, high heart rate, and low heart rate, background heart rate measurements, background blood oxygen measurements, and start workout reminder.

Improve Watch Battery Life

- * On iPhone Watch App:
 - General>Auto App Install>Off
 - General>Background App Refresh: Turn off nonessentials

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- * General>Nightstand Mode>Off
- * Display & Brightness>Brightness>¹/₂ or less:
- * Display & Brightness> Always On>Off

The display eats lots of power. The less it is on the better battery you have!! Or, on Watch: Settings>Display & Brightness> Turn down & Always On off Settings>General>Nightstand Mode>On/Off

Improve Watch Battery Life

- * On iPhone Watch App:
 - Display & Brightness>Wake on Wrist Raise>Off
 - Display & Brightness> Wake Duration>15 sec
 - Sounds & Haptics>Alert Volume>lower
 - Sounds & Haptics>Haptics>default
 - * Noise>Environmental Sound Measurements>Off

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If you turn off Wake on Wrist Raise, you have to hit the face to turn on NO REASON to have the face on for more than 15 sec. Louder alerts and Prominent Haptics take more battery

Sensor Considerations

- * Set up using iPhone Health App
- * Band must hold watch secure and "snug"
- * Skin must remain clean: lotion, soap, tattoos, etc
- * Three basic sensors: Accelerometer, Gyroscope & GPS
 - * Track workouts
 - * Steps
 - * Used by Activity Rings



These three basic sensors are used for all workouts, rings, activity. Accelerometer on Series 4-7 is a 64g basic one. Series 8 and later are 256g so much more sensitive!!

Sensor Considerations

- Must Calibrate your watch to improve accuracy of distance, pace and calorie measurements
- Watch>Settings>Privacy & Security>Location Services>On
- Scroll down to System Services and turn on Motion Calibration & Distance
- * Go for an outdoor 20 minute walk (Flat terrain!!) with clear unobstructed sky (GPS reception) (Track is best)
- * Select Workout>Outdoor Walk

https://support.apple.com/en-us/HT204516



You can turn the Fall detection on or off:

Open the Watch app on your iPhone, then tap the My Watch tab.

Tap Emergency SOS.

Turn Fall Detection on or off. If Fall Detection is on, you can select Always on or Only on during workouts.

https://support.apple.com/en-us/108896

https://www.webmd.com/healthy-aging/how-to-use-the-apple-watch-fall-detection-feature

https://www.forbes.com/health/medical-alert-systems/apple-watch-fall-detection/

Sensor Considerations Ultra, S8 & SE2

 Crash detection uses new 256g Accelerometer & Gyroscope - much more sensitive and accurate

It looks like you've been in a crash.

Cancel

SOS EMERGENCY

- Watch chimes, taps wrist, displays Emergency Call slider
- * Allows choice of dismissing or calling Emergency
- If no movement after 30 sec delay, call is made to emergency services & message to emergency contacts with location
- * If Medical ID set up, a slider shown for responders

Sensor Considerations

- Three advanced sensors: Heart Sensor (all series), ECG (S4+), Blood O2 (S6+)*, ECG & Blood missing on SE's
- * Heart rate measures regularly throughout the day



ECG has FDA approval as a health device. While results are not "definitive", they are suggestive. Blood O2 does not and is marketed as a "wellness" feature.



Heart Friendly

- Heart monitor built in, second generation in Series 4-9, Ultras & SEs
- * Summarized in Health App on iPhone
- Tap Heart icon on watch (complication) to measure now
- Stanford study with over 400,000 participants to detect atrial fibrillation

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Show Health App: Click on Heart, Scroll down to point out adding Blood Pressure measurements, then click on ECG and show all readings National Institute on Aging has this information on hearth health & aging:

https://www.nia.nih.gov/health/heart-health/heart-health-and-aging

Normal Resting Heart Rates by Age: https://www.verywellhealth.com/resting-heart-rate-by-age-5218932



Heart Friendly

* Heart Rate notifications:

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- Inactive for 10 minutes, & heart rate is
 <40 or >120 get notification
- * AFib if detected by ECG App (manual)
- * If detected, you can track when it occurs
- Cardiogram, HeartWatch & Zones Apps good Apps

Show Health App: Click on Heart, Scroll down to point out adding Blood Pressure msrmts, then click on ECG and show all readings

Open Cardiogram, show day summaries, scroll to right on msmts under graph to show comparisons with same age individuals

ECG Sensor

- Records the timing & strength of the electrical signals that make the heart beat
- * An atrial fibrillation (AFib) measurement indicates time to go to the Doctor for confirmation
- * Not meant for use by those under 22 yr of age
- * Does not detect heart attack!
- https://support.apple.com/en-us/HT208955

The ECG app is FDA Approved and records a one point electrocardiogram which represents the electrical pulses that make your heart beat. The ECG app checks these pulses to get your heart rate and see if the upper and lower chambers of your heart are in rhythm. If they're out of rhythm, that could be AFib.



ECG has FDA approval as a health device. While results are not "definitive", they are suggestive. <u>https://support.apple.com/en-us/HT208955</u>

Understanding the ECG output is for professionals.

Tracking AFIB

- · You must have a physician diagnosis of AFib.
- Update your iPhone to the latest version of iOS and Apple Watch to the latest version of watchOS.
- You must wear your Apple Watch at least 12 hours a day for 5 days a week to consistently receive estimates.
- Heart Rate and Wrist Detection must be enabled on your Apple Watch.
- AFib History is not intended for use by people under 22 years old.
- <u>https://support.apple.com/en-us/HT212214</u>

Blood Oxygen Sensor

- Blood O2 measures in background
- * Blood O2 App can also measure on demand



Blood O2 is marketed as a "wellness" feature. The Blood Oxygen app can allow you to measure the oxygen level of your blood on-demand directly from your wrist, providing you with insights into your overall wellness.

Your blood oxygen level represents the percentage of oxygen your red blood cells carry from your lungs to the rest of your body. Knowing how well your blood performs this vital task can help you understand your overall wellness.

The majority of people have a blood oxygen level of 95 - 100%. However, some people live a normal life with blood oxygen levels below 95%. Slightly lower values while sleeping are expected, and some users might experience values below 95%.

https://support.apple.com/en-us/HT211027

Blood Oxygen Sensor

- * Manual: Rest arm on table or lap, palm flat and down, hold still
- * Band must keep watch snug, flush with top of wrist and wrist bones do not interfere with connection.
- * Needs 15 seconds to get a measurement



42 Your blood oxygen level represents the percentage of oxygen your red blood cells carry from your lungs to the rest of your body. Knowing how well your blood performs

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Elevation can reduce these numbers slightly.

Blood Oxygen Sensor

- * Apple Quote: "Blood Oxygen app measurements are not intended for medical use, including self-diagnosis or consultation with a doctor, and are only designed for general fitness and wellness purposes.."
- <u>https://9to5mac.com/2022/10/25/apple-watch-blood-oxygen-study/</u>

The bias in SpO2 between the Apple smartwatch and the pulse oximeter was 0.0% for all the data points. The bias for SpO2 less than 90% was 1.2%. The differences in individual measurements between the smartwatch and oximeter within 6% SpO2 can be expected for SpO2 readings 90%–100% and up to 8% for SpO2 readings less than 90%." a recent study published in Digital Health open access 43



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Sensor Considerations Ultra & S8/9

- Two advanced temperature sensors one next to skin, one on outside for calibration
- Allows cycle tracking with retrospective ovulation estimates
- Geared toward women between puberty and menopause
- Also used by Ultra when SCUBA diving for water temperature

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ECG has FDA approval as a health device. While results are not "definitive", they are suggestive. Blood O2 does not have FDA approval and is marketed as a "wellness" feature.

Fitness: The Activity Rings

- Red Move: tracks & counts active calories burned by moving during the day.
- Green Exercise: close by doing activity at or above a brisk walk (70-80% of max). Track using Workout complication.
- Blue Stand: get up and move around for 1 minute during 12 different hours in the day





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Change move goals: open Activity App on watch, scroll down to ring to change, tap + or - to update to new goal, scroll to next ring

The Activity Rings

- * Open Activity App on watch Coaching, awards, sharing, competitions on first screen
- Change goal(s): scroll down to Move ring, tap + or - to change, scroll to move to next ring.
- Monitor progress using Activity App on iPhone, Activity rings on Watch, or Health App on iPhone/iPad



Change move goals: open Activity App on watch, scroll to bottom, tap "change goals", tap + or - to update to new goal, click Next to move to next ring



- * All doctors agree: you need to exercise your muscles, your heart and your balance as you age
- * It is NEVER too late to begin
- * It makes no difference whether you are doing chair yoga, water fitness, or training for a marathon.
- * If you have not been doing anything, get your doctors suggestion on how to start

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https://www.cdc.gov/physicalactivity/basics/older_adults/index.htm https://www.nia.nih.gov/health/exercise-and-physical-activity/how-older-adults-can-get-started-exercise https://www.aarp.org/health/conditions-treatments/info-2023/steps-per-day-for-longevity.html https://www.verywellfit.com/how-much-should-seniors-walk-for-optimal-health-8413965

Exercise

- * CLOSED LOOP ITERATIVE FEEDBACK SYSTEM
- * A process that uses information from past actions to influence future actions
- Your watch can collect real-time information that you can use to change what you are doing NOW, as well as keep track of changes in your health over time

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* You want to monitor your progress!!

Closed - looking at watch, phone and you! Loop - a circle that collects, monitors what you do Iterative - it happens many, many times Feedback - collects information about you, to let you change things as needed to achieve goals

https://www.medigy.com/communities/innovation-lifecycle/contributed-content/feedback-loops-in-healthcare-continuous-patient-monitoring-for-iterative-care/





Workouts

- * Watch Workout App records heart rate, Time, Distance, Calories, etc. using accelerometer & GPS
- * This is great for aerobic workouts
- * Choice of over 80 different workouts
- * Tap on Other, and when done, you get to choose type
- * Or, on Watch, scroll to bottom, tap Add Workout, select



Before you begin, you should at least skim (or read) this publication from CDC: <u>https://www.cdc.gov/physicalactivity/downloads/growing_stronger.pdf</u>

Everything you wanted to know about tracking workouts: https://support.apple.com/en-us/HT204523



Open the Settings app on your Apple Watch. Scroll down to Workout and select this. Switch Start Workout Reminder on. The toggle will become green when it's turned on. To enable End Workout Reminders on your Apple Watch, simply go to Settings > Workout and scroll down to End Workout Reminder. Toggle the feature on when you get here.





To see your zones on the Apple Watch, go to Settings>Workout>Heart Rate then scroll down <u>https://www.verywellfit.com/cardio-exercise-guidelines-for-seniors-1230952</u> <u>https://health.clevelandclinic.org/exercise-heart-rate-zones-explained</u> <u>https://www.tomsguide.com/how-to/how-to-use-heart-rate-zones-on-your-apple-watch</u>

Cardio Recovery (HRR)



- Measures how much your heart rate decreases after a workout.
- Stop workout app immediately after stopping exercise and sit for 3 minutes (good time to do Mindfulness...)
- * One guideline is to look for 13 bpm or more drop after 1 min, or 22 bpm or more drop after 2 minutes is a healthy range

- * On Watch, Tap Heart icon, scroll down to "Post-Workout"
- * HRR varies by <u>age</u> and other factors





Apple Fitness+

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- Watch integral to all workouts
- * 12 different workout types
- * Different levels & lengths of workouts
- Watch records real-time metrics
- * New workouts every week
- * Integrated with Apple TV, iPad & iPhone
- * Integrated with Apple Music



https://www.apple.com/apple-fitness-plus/





Apple Fitness+

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- * Options for Beginners
- * Options for seniors
- * Save on iPhone or iPad for "No WiFi"
- * Each program has own music
- * 5 45 minute workouts
- Each program has 2-3 different intensities shown



You can quit a workout whenever you feel tired, hurt something, do more than you should, etc!!



Apple Fitness+

- * Use Fitness App on iPhone & iPad
- * Apple Watch owners get 1 mo free
- * Monthly subscription: \$9.99
- * Yearly subscription: \$79.99
- * Included with Apple One Monthly subscription of \$37.95/mo.



"Mindfulness"

- * Mindfulness App has four choices
- * Fitness+ Audio Meditations 5-20 minute sessions
- * State of Mind saves state of mind under Mental Wellbeing
- Reflect: Think about something calming for a period of time (1 min default, 5 min max)
- Breathe: Monitor your breathing for 1 minute slow inhale & exhale; Set Breath Rate on iPhone Watch App
- * Last two have nice images on watch to view

The Mindfulness app on your Apple Watch encourages you to set aside a few minutes a day to focus, center, and connect as you breathe. You can also use State of Mind to reflect on how you're feeling

Sleeping with the Watch



- * Use iPhone or Watch to set Sleep schedule
- Sleep mode locks screen, dims display and turns off notifications
- * Sleep tracking using iOS 17 & WatchOS 10
- Getting up at night? Hold Digital Crown to unlock, tap side button to view control center, tap the flashlight (white or red)
- * Review all data on iPhone/iPad or Watch

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I use 10% of power while wearing watch when I sleep. <u>https://support.apple.com/en-us/HT211685</u> or: <u>https://www.guidingtech.com/track-sleep-with-apple-watch/</u>

Sleeping with the Watch

- * All watches have a magnet in them
- * Apple cautions individuals with pacemakers to keep the watch more than 6" away from it (be aware of how you sleep!!)





Do you remember to take your medications? Morning & evening are easy, but mid-morning, mid-afternoon schedule is harder with all the other things that happen.

https://support.apple.com/guide/watch/medications-apd3dd24d78b/watchos

Listening to Material on your Watch

- * Listen to anything on Apple Music or Apple Radio
- Sync music from your iPhone library to the Apple Watch
- Listen to Apple Podcasts
- * Listen to Audiobooks you sync from iPhone
- * Requires Bluetooth AirPods synced to watch
- * https://support.apple.com/en-us/HT204691

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Add music from iPhone to Apple Watch: <u>https://support.apple.com/guide/watch/add-music-apd483798d11/watchos</u> Play music on Apple Watch: <u>https://support.apple.com/guide/watch/play-music-apd70768b20b/watchos</u>

Dementia Study

- * UK Dementia Research Institute at Cardiff University
- * Data from 103,712 smart watch wearers
- * Collected data for 3 years
- Able to predict developing Parkinson's up to 7 years ahead of symptoms

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* Due to slowing movement, tremors, stiff muscles

As reported by BBC, Nov 2023

One Last Thing...

- * When was the last time you cleaned:
 - * Your Watch?
 - * Your Bands?
- * Turn the watch off, & remove the bands before cleaning

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- * Read the link below for complete information
- https://support.apple.com/en-us/108893

To clean your Apple Watch, follow these steps:

Turn off your Apple Watch and remove it from the charger.

If you have a leather band, remove it from your Apple Watch.

Wipe your Apple Watch clean with a nonabrasive, lint-free cloth. If necessary, lightly dampen the cloth with fresh water. If your Apple Watch has substances or debris visible in places such as the speaker ports, you can hold your Apple Watch under lightly running, warm, fresh water until it's clean. Soaps and other cleaning products shouldn't be used.

Dry your Apple Watch with a nonabrasive, lint-free cloth, including the surface of the back crystal.

You can use a disinfectant if you desire: Using a 70 percent isopropyl alcohol wipe, 75 percent ethyl alcohol wipe, or Clorox Disinfecting Wipes, you may gently wipe the exterior surfaces of your Apple Watch and your Solo Loop, Sport Band, Nike Sport Band, Ocean Band, or metal band. Don't use on fabric or leather bands. Don't use products containing bleach or hydrogen peroxide. Avoid getting moisture in any openings, and don't submerge your Apple Watch in any cleaning agents.

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- https://heartwatch4.tantsissa.com

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- * Blood O2 <u>https://support.apple.com/en-us/HT211027</u>
- * Workouts <u>https://support.apple.com/watch/workout</u>
- * Zones https://www.myhealthyapple.com/complete-guide-to-applewatch-heart-rate-zones/
- * Fall Detections <u>https://support.apple.com/en-us/HT208944</u>
- * User Guide <u>https://support.apple.com/guide/watch/welcome/</u> watchos
- * GREAT Book https://www.takecontrolbooks.com/apple-watch/? cp=M4KP7MM9&pt=TCUPDATE