



Title Apple, Watch Me Fall	Date 021519
CDE Number M-1902003	CDE Credit Hours .5 HRS

In the world of technology, changes occur regularly. Apple Watch Series 4 is no different. Released in the fall of 2018 one of the new features is "Fall Detection." If Apple Watch Series 4 detects a hard fall, it can help connect you to emergency services if needed.

Here's how it works

If Apple Watch Series 4 detects a hard fall while you're wearing your watch, it taps you on the wrist, sounds an alarm, and displays an alert. You can choose to contact emergency services or dismiss the alert by pressing the Digital Crown, tapping Close in the upper-left corner, or tapping "I'm OK."



If your Apple Watch detects that you're moving, it waits for you to respond to the alert and won't automatically call emergency services. If your watch detects that you have been immobile for about a minute, it will make the call automatically. After the call ends, your watch sends a message to your emergency contacts with your location letting them know that your watch detected a hard fall and dialed emergency services. Your watch gets your emergency contacts from your Medical ID.



What happens if your Apple Watch detects that you're immobile

If your Apple Watch detects that you're immobile for about a minute, it begins a 15-second countdown, while tapping you on the wrist and sounding an alert. The alert gets louder, so that you or someone nearby can hear it. If you don't want to call emergency services, tap Cancel. When the countdown ends, your Apple Watch automatically contacts emergency services.

When the call connects, your Apple Watch plays an audio message that informs emergency services that your Apple Watch detected a hard fall and then it shares your current location as latitude and longitude coordinates. The first time the message plays, the audio is at full volume, but then the volume is reduced so that you, or someone nearby, can talk to the responder. The message continues to play until you tap Stop Recorded Message or the call ends.

Wrist Detection must be turned on for the watch to automatically call emergency services. The impact this may have on the PSAP is similar to any Medical Alarm. Begin processing the call using ProQA and select Protocol 17. If there is no contact with someone on scene simply answer the Key Questions as "Unknown" and ProQA will generate a 17-B-3 final code. PDIs are not possible or appropriate if you have no contact with anyone and you are only receiving the apple recorded message.





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