The Johns Hopkins Institute for Vaccine Safety team has developed a Clinical Vaccine Safety Guide supporting healthcare practitioners. IVS's 392-page book for clinicians on vaccine safety, The Clinician's Vaccine Safety Resource Guide: Optimizing Prevention of Vaccine-Preventable Diseases Across the Lifespan, is regularly updated after every ACIP meeting and when new science becomes available, and is downloadable to an app. It describes the vaccine safety system, every vaccine-preventable disease and the vaccines used to prevent them, recommendations and contraindications, systematic reviews of nearly 50 vaccine safety topics, and talking points for patients for all of the above.

This book can be downloaded as an app to your phone or tablet, allowing you access to the most up-to-date version whenever your device is connected to Wi-Fi or offline use when you may encounter low or no internet connectivity to cellular services or Wi-Fi.

You don't have to visit any of the App Stores to download it. You can install the app directly from the browser app of your choice on your device. Included are instructions for both Apple iOS products as well as Android. The instructions apply to tablets and smart phones.

iOS

The initial download/installation of the site content must be completed while connected to the internet via Wi-Fi or cellular service.

a. In order to use this application to access the content while offline, you will need to first **navigate to https://www.vaccinesafety.edu/**. If this is your first visit to the site on this particular device, you should be welcomed with a "Add this site to Home Screen?" banner at the bottom of the screen. Select "Yes" or "Install" to download the content and add a shortcut to your homescreen.

b. Don't worry if you clicked "Cancel," or visited the site before. You can manually install the site at any time after the first visit. To do this, you will need to manually "Add to Home Screen" by tapping the extra options icon to find the option as shown on the right.
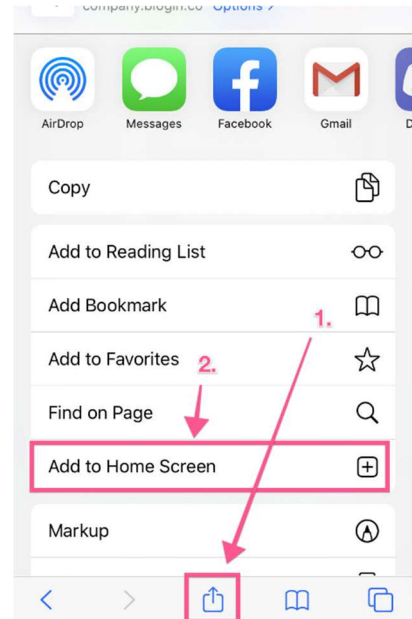
c. Once the application has installed, open it from your homescreen. At this point the application is downloading some more content so stay on this page for at least 30 seconds.

d. To complete the install, fully close the application, and then re-open. This will allow the app to fully configure and load the offline content.

    You have now downloaded the site content for use offline!

    •   In the future, you can always visit the site from the homescreen app icon to ensure that when you do have internet access, the app can retrieve the most up to date content. If you do not have access, the app will default to the previously stored content.

e. To make sure the content load was successful, put your phone in airplane mode or otherwise turn off the Wi-Fi and cellular service and then open the app and navigate throughout the site. You should now be able to access all the stored content!

*Important note. The team made available as much relevant content for initial offline use as deemed critical. You can cache (pre-download) additional site content from the app simply by connecting to the internet, opening the app from your homescreen, and visiting any page or content to which you require offline access. Visiting the pages will cache that page so you can view it any time, without requiring internet access.

Android

The initial download/installation of the site content must be completed while connected to the internet via Wi-Fi or cellular service.

    a. In order to use this website to access the content while offline, you will need to first **navigate to https://www.vaccinesafety.edu/**. If this is your first visit to the site on that particular device, you should be welcomed with a "Add this site to Home Screen?" banner at the bottom of the screen. Select "Yes" or "Install" to download the content and add a shortcut to your homescreen.

b. Don't worry if you clicked "Cancel," or visited the site before. You can manually install the site at any time after the first visit. To do this, you will need to manually "Add to Home Screen" by tapping the three dots for more options.
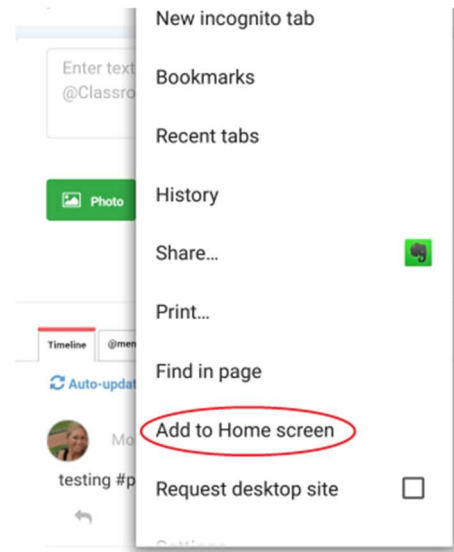
c. Once the application has installed, open it from your homescreen. At this point the application is downloading some more content so stay on this page for at least 30 seconds.

d. To complete the install, fully close the site, and then re-open. This will allow the app to fully configure and load the offline content.

You have now downloaded the site content for use offline!

- In the future, you can always visit the site from the homescreen app icon to ensure that when you do have internet access, the app can retrieve the most up to date content. If you do not have access, the app will default to the previously stored content.

e. To make sure the content load was successful, put your phone in airplane mode or otherwise turn off the Wi-Fi and cellular service and then open the app and navigate around. You should be able to access all the stored content!

*Important notes. The team made available as much relevant content for initial offline use as deemed critical. You can cache (pre-download) additional site

content from the app simply by connecting to the internet, opening the app from your homescreen, and visiting any page or content to which you require offline

*The advanced search functionality is via an external source and does not work offline. A more basic search function will be used when internet is not available.