

# NATIONAL ESSENTIAL MEDICINE LIST (NEML) MOBILE APPLICATION USER GUIDE



**DRAP**  
DRUG REGULATORY  
AUTHORITY OF PAKISTAN

Drug Regulatory Authority of Pakistan  
Ministry of National Health Services, Regulation and  
Coordination  
Government of Pakistan



# CONTENTS

Getting Started with NEML Mobile App.....	3
About NEML Mobile App .....	3
Installing NEML App on your Smartphone.....	5
Working with the NEML App.....	9
Searching for Essential Medicines.....	10
Sharing Search Results .....	13
View Explanatory Notes.....	14
Contact Support via E-Mail .....	16
Download Essential Medicines List in Excel.....	18

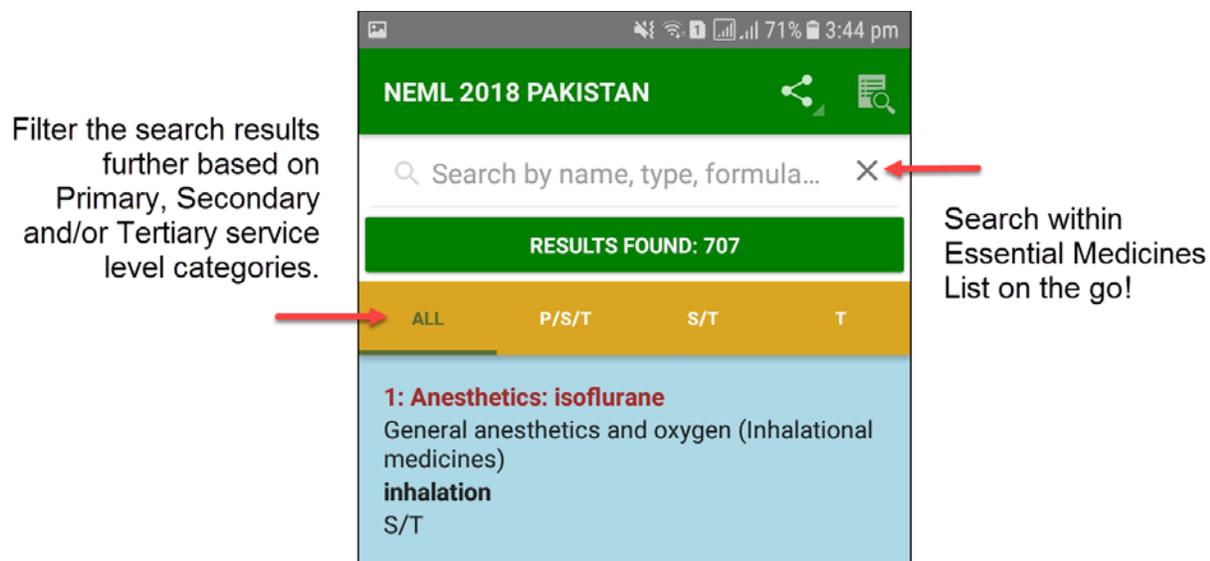
# Getting Started with NEML Mobile App

National Essential Medicine List (NEML) is an important element of National Health system policies and practices and has proven to be useful tool to help country in selecting quality, safe, efficacious and affordable medicines. The development of an NEML app is an important milestone in promoting accessibility to Essential Medicines list and its details, and to quickly refer to the NEML listing and search through them, which is a part of right to health and an important tool to provide access of quality medicines to the people of Pakistan.

## **About NEML Mobile App**

The NEML Mobile app contains a searchable list of Essential Medicines for 2015, of the National Department of Health of Pakistan. The NEML Mobile App enables the users to quickly refer to the NEML listing on the go and search through them using their mobile phones easily.

This app is aimed at doctors, nurses and pharmacists working in the primary care setting of the public-sector health service in Pakistan.



Search for Essential Medicines on the Go using NEML Mobile App!

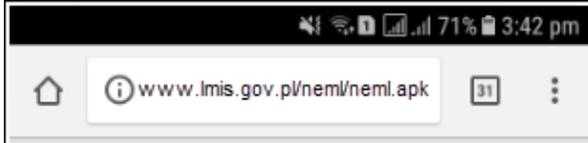
The essential medicines can also be filtered based on their availability at the service level. The user can easily search for a medicine by typing in its name. The search results can be filtered further.

- The **All** filter includes all medicines matching the search criteria including Primary, Secondary and Tertiary service levels along with other medicines recommended based on guidelines by other programs, e.g., Malaria control program, TB control program, etc.
- The **P/S/T** filter can be used to filter search results that are recommended for use at the Primary or / and Secondary or/ and Tertiary service delivery levels.
- The **S/T** filter can be used to filter search results that are recommended for use at the Secondary or/ and Tertiary service delivery levels.
- The **T** filter can be used to filter search results that are recommended for use at the Tertiary service delivery levels.

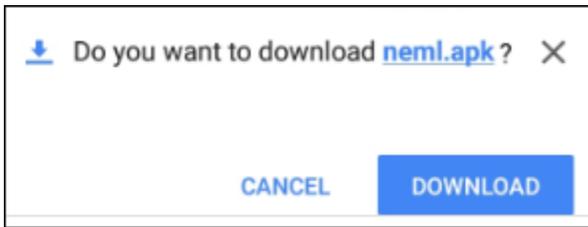
# Installing NEML App on your Smartphone

To install the NEML App on your smart phone:

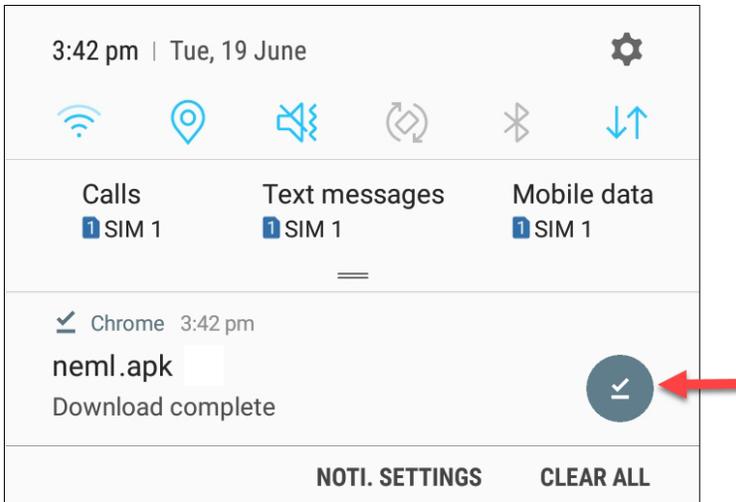
1. Type in <http://lmis.gov.pk/neml/neml.apk> in the mobile internet browser, and then click **Go**.



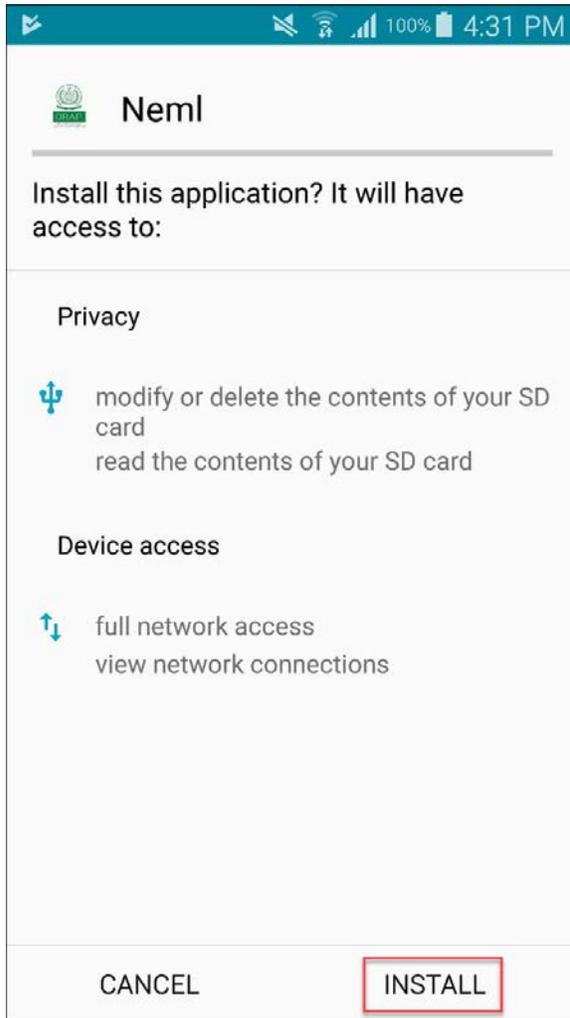
2. A confirmation message appears. Click **Download** to download the NEML app installer file.



3. The NEML app installer downloads. A status message appears, as shown in the image below:



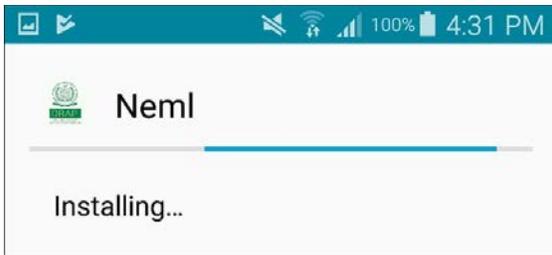
4. Click on the installer file to open the Nemi App installer. The following screen displays:



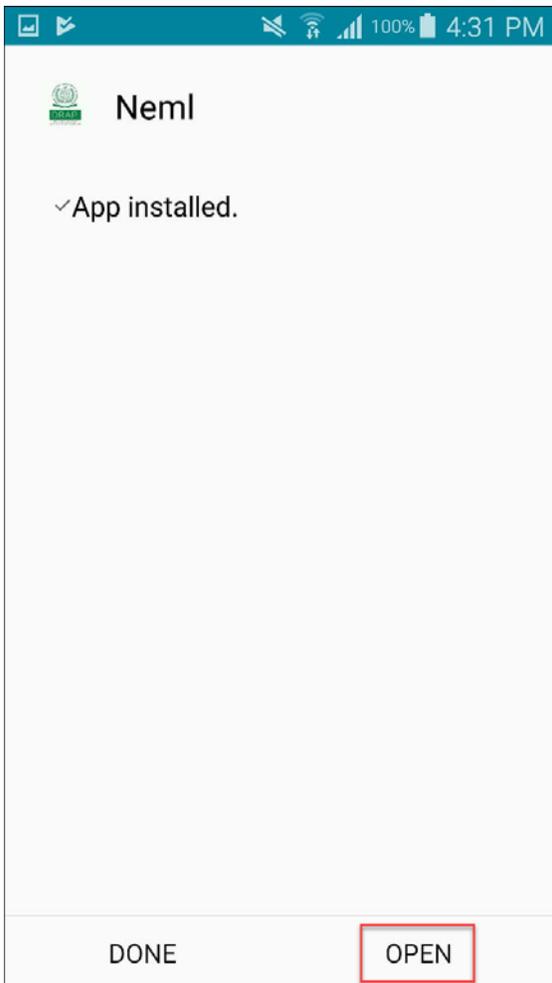
 **Security Alert**

At this point, the user will receive a security message asking the user to allow and install the application. In that case, the user should allow the app to be installed.

5. Click **Install**.

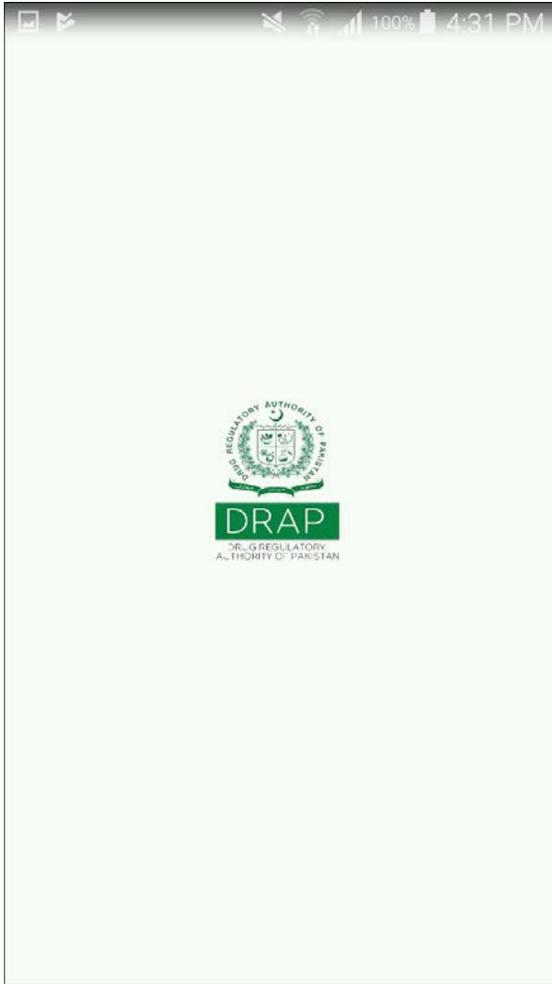


The NEML App installs.

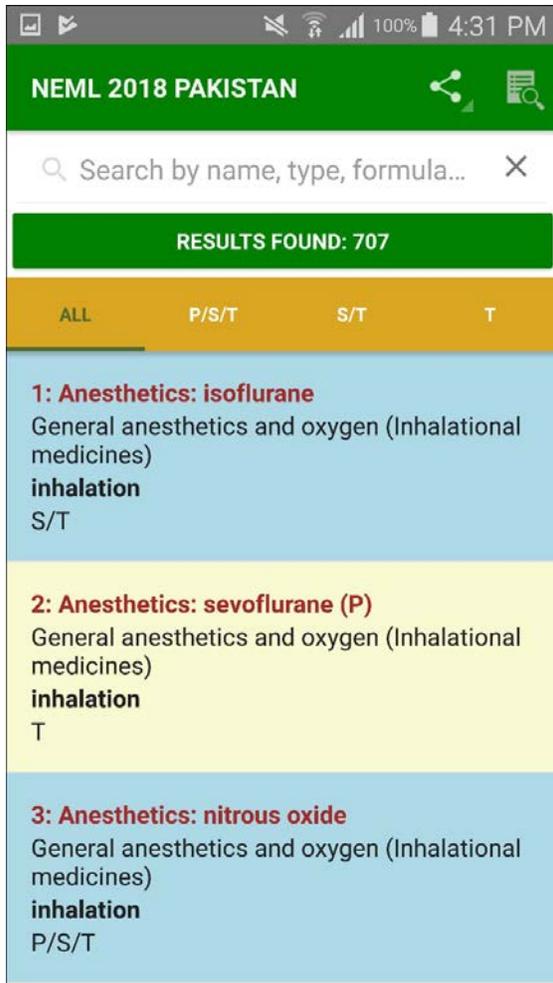


6. Click **Open**.

The NEML startup screen displays.



The screen updates to open the Essential Medicines List, as shown in the image below:



To learn more about working with the NEML App, see [Working with NEML App](#).

## Working with the NEML App

The NEML App enables you to perform the following functions:

- [Search for Essential Medicines](#)
- [Share Search Results](#)
- [View Explanatory Notes](#)
- [Contact Support via E-Mail](#)
- [Download Essential Medicines List in Excel](#)

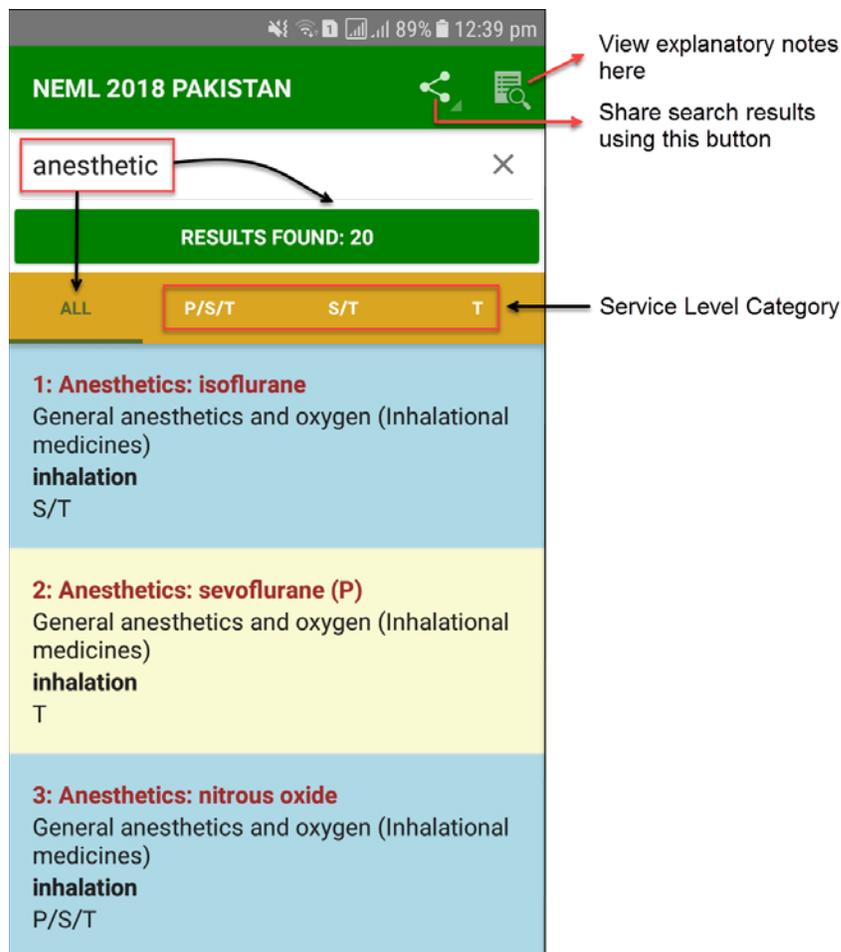
These tasks are explained in the sections below.

## Searching for Essential Medicines

To search for an essential medicine from the NEML App:

1. Type in the required text in the search bar and then press the  button on the keyboard.

The app updates with the search results, as shown in the image below:

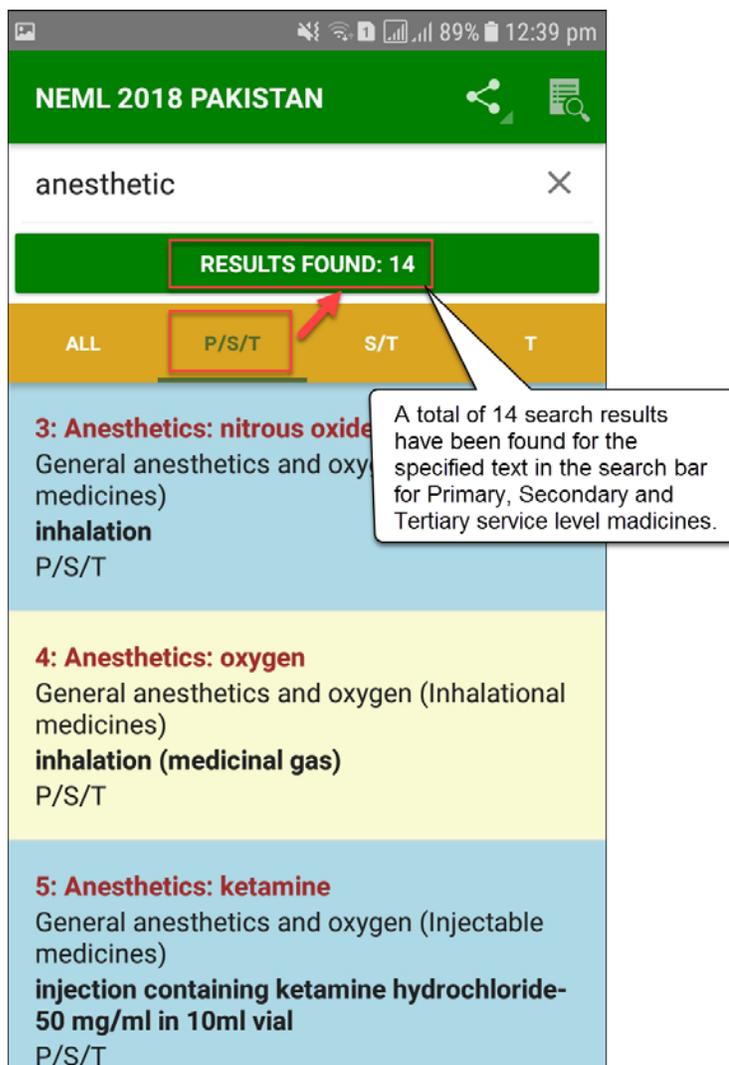


The search key should have a minimum of 3 characters at least.

The number of search results will be displayed in the green bar.

The search results can be filtered further using the given filters under the search bar. Filters represent different service level categories:

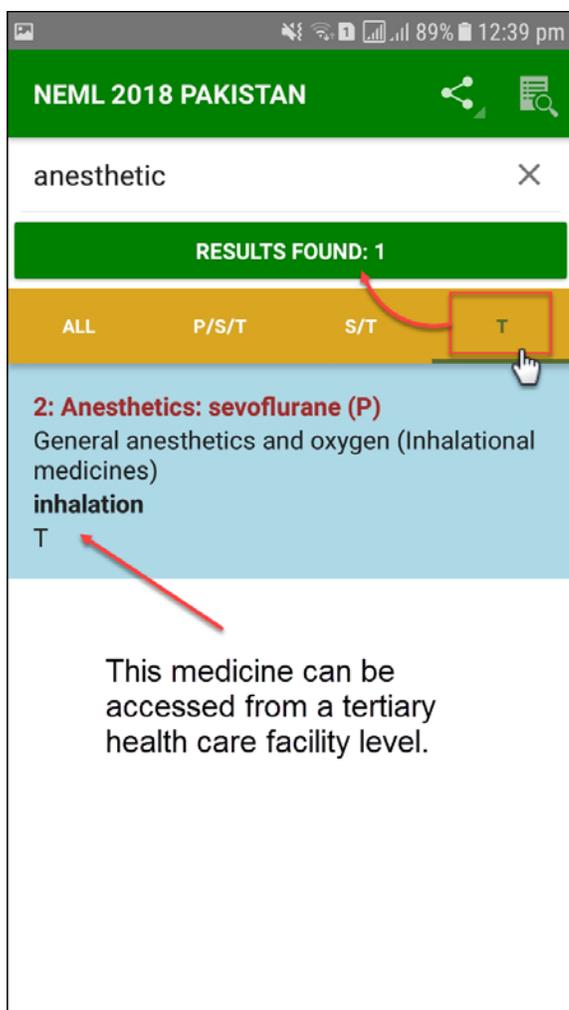
- **All:** this filter displays medicines for Primary, Secondary and Tertiary levels along with other medicines recommended based on guidelines by other programs, e.g., Malaria control program, TB control program, etc.
- **P/S/T:** Letters 'P', 'S', T, means the product is recommended for use at Primary or / and Secondary or/ and Tertiary service delivery levels. The medicines under this filter therefore can be used at Primary, Secondary and Tertiary health care facilities.



- **S/T**: Letters 'S', T, means the product is recommended for use at Secondary or/ and Tertiary service delivery levels.

The screenshot shows the NEML 2018 PAKISTAN mobile application interface. At the top, the status bar displays the time as 12:39 pm and battery at 89%. The app header is green with the text 'NEML 2018 PAKISTAN'. Below the header is a search bar containing the text 'anesthetic'. A green bar below the search bar indicates 'RESULTS FOUND: 5'. A navigation bar below that has three tabs: 'ALL', 'P/S/T', and 'S/T'. The 'S/T' tab is selected and highlighted with a red box and a hand cursor. A callout box points to the 'S/T' tab with the text: 'A total of 5 search results have been found for the specified text in the search bar for Secondary and Tertiary service level medicines.' Below the navigation bar, the search results are displayed in a list format. The first result is '1: Anesthetics: isoflurane', described as 'General anesthetics and oxygen (Inhalational medicines)', with 'inhalation' and 'S/T' listed below. The second result is '7: Anesthetics: glycopyrrolate (P)', described as 'General anesthetics and oxygen (Injectable medicines)', with 'Injection- 0.2 mg /ml' and 'S/T' listed below. The third result is '8: Anesthetics: bupivacaine', described as 'Local anesthetics', with 'injection- 0.25%- 0.5% (hydrochloride) in vial' and 'S/T' listed below.

- **T**: Letter T means the product is recommended for use at Tertiary service delivery levels.



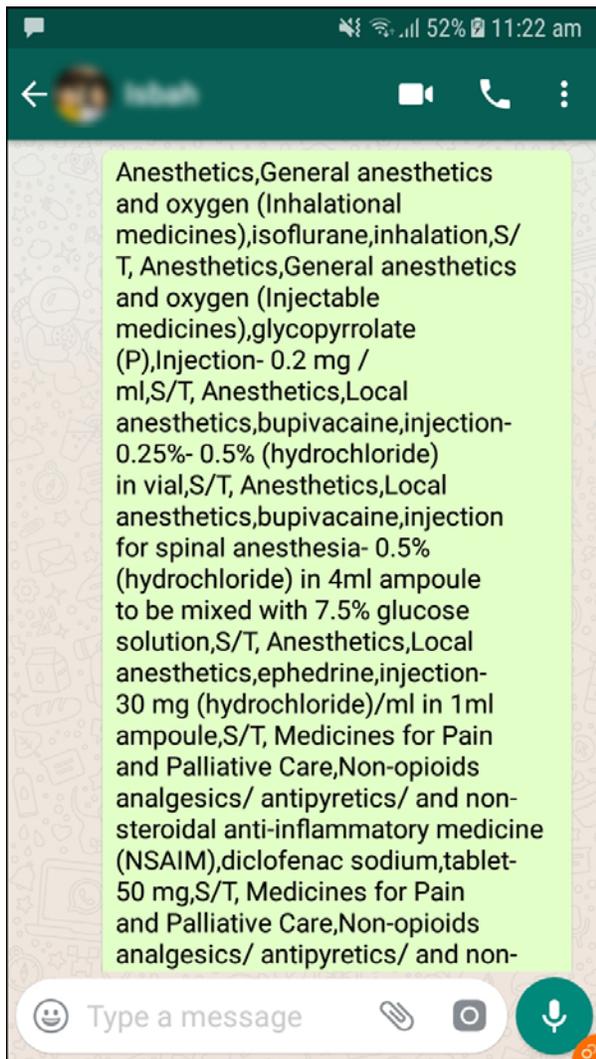
## Sharing Search Results

The user can share the search results by clicking the  button and then selecting an application of your choice.

Please note that the user can only share search results with users using this button. The total Essential Medicines List (EML) cannot be shared to other users using this method.

In order to get access to the entire EML, the user would have to download the NEML Mobile App on their smartphone. See [Installing NEML App on your Smartphone](#) for instructions on how to download the NEML Mobile App.

An image of sharing search results on whatsapp is displayed below:



## View Explanatory Notes

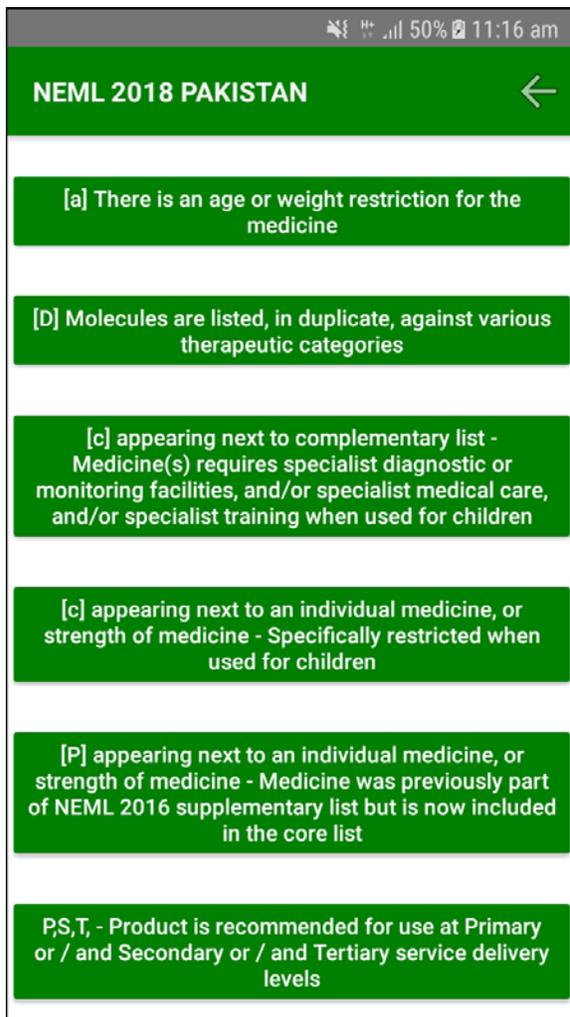
The user can view explanatory notes and other resources. To do so:

1. Click the  icon.

The NEML 2018 Pakistan page displays.



2. Click **Notes** to view the notes related to the abbreviations used in the NEML list, as shown in the image below:



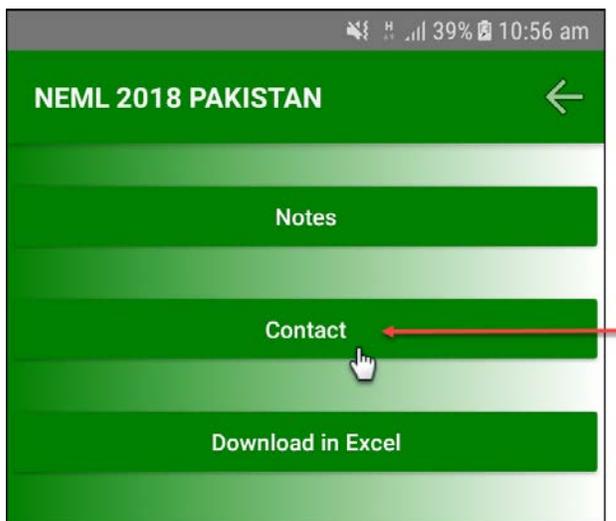
3. Click  to go back to main page.

## Contact Support via E-Mail

The user can contact the support team via E-mail in case of any problems or queries. To do so:

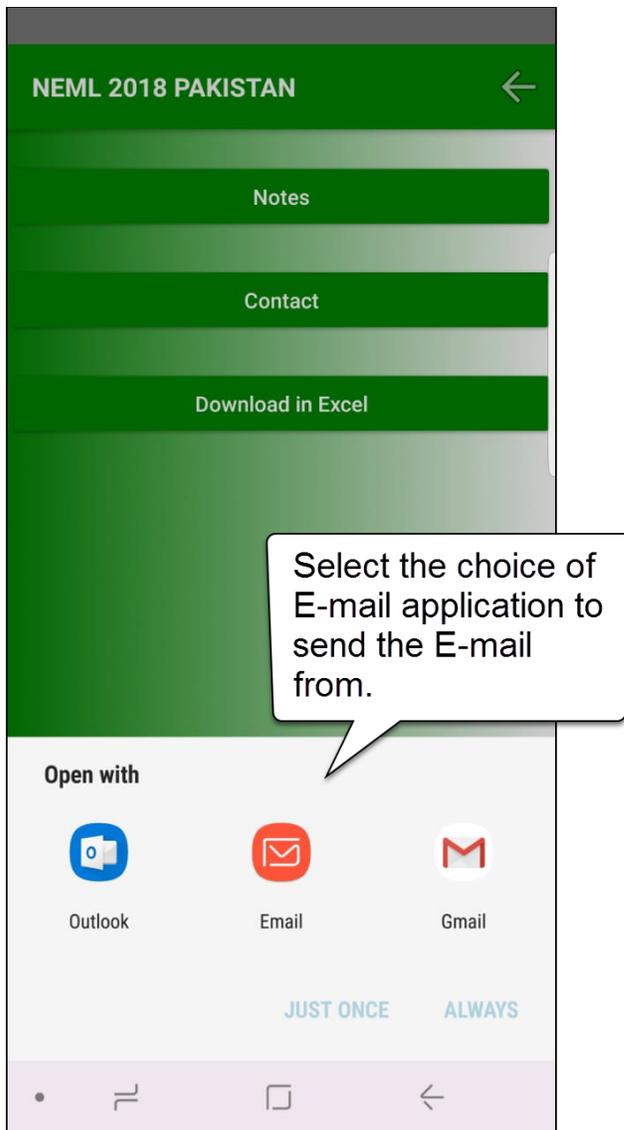
1. Click the  icon.

The NEML 2018 Pakistan page displays.

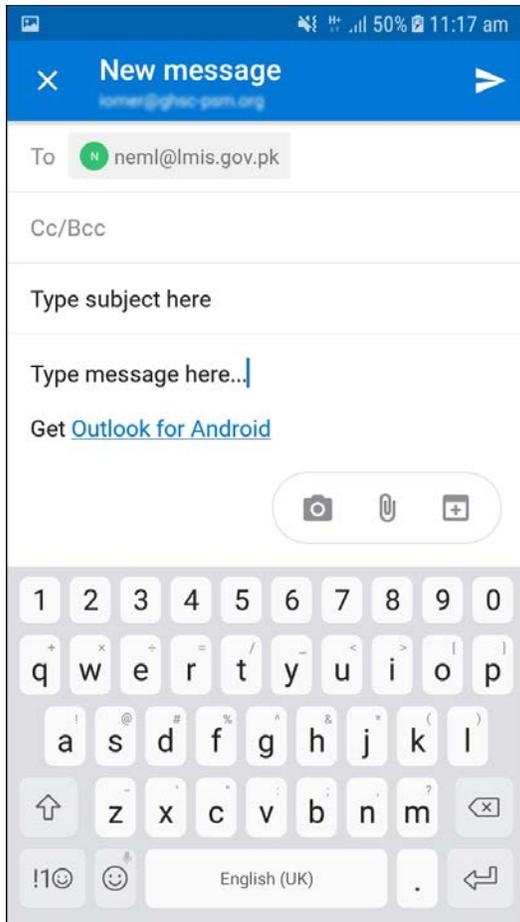


2. Click **Contact**.

A pop up displays the choice of applications to select from in order to send an E-mail.



3. Select the required app.



4. Specify the Subject and the Message and then click on **Send**.

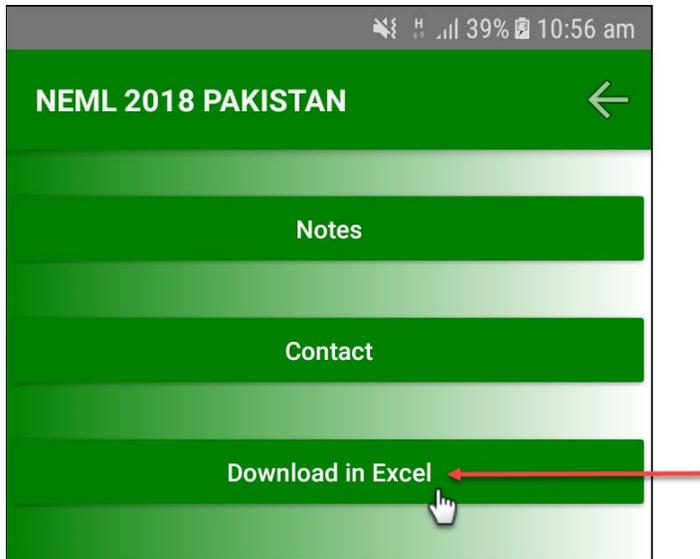
The email will be received by the relevant support person who will then respond to your query/problem.

## **Download Essential Medicines List in Excel**

The user can also download the essential medicines list directly on their smartphones. To do so:

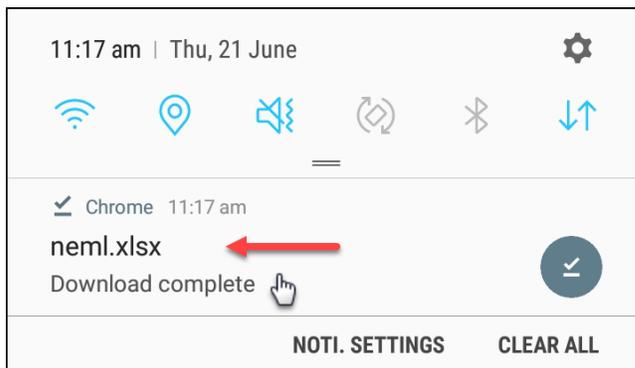
1. Click the  icon.

The NEML 2018 Pakistan page displays.



2. Click **Download in Excel**.

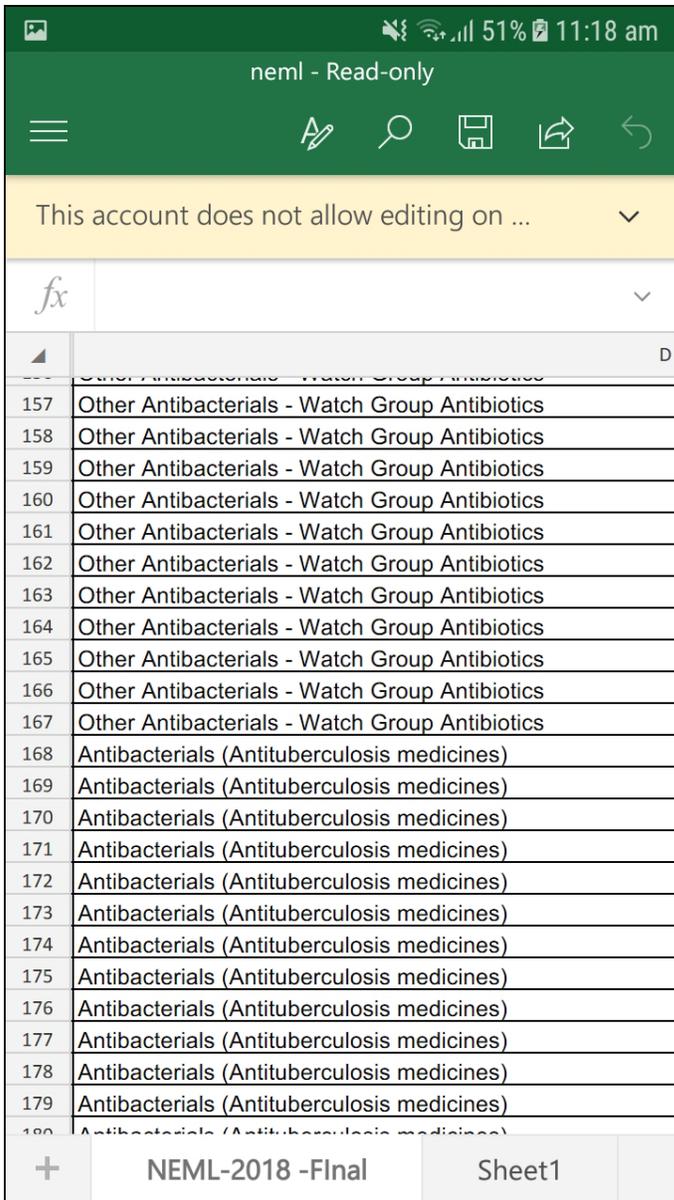
The Essential Medicine List Excel file downloads, as shown in the image below:



3. Click on the file to open in in Excel.

Make sure that Excel is downloaded in your smartphone in order to open the NEML downloaded file.

4. The Essential medicines list opens.



Please note that the NEML file is read only and cannot be edited.