



# TelemedEdu

## User Manual

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## 1. General Information

### i. What is TelemedEdu?

With the invention of the Internet and cell phone, a visionary idea came to **Dr. Zia Uddin** (President and Founder of TelemedEdu, USA, Inc.) about the combined use of these two communication tools in healthcare. Our procedure is not labor intensive, therefore economically feasible in all the hospitals and universities. We believe in the scope of improvement in healthcare and education and contributed in the same for medical students, residents, CME of physicians by the application of telemedicine-cloud, e-Health and artificial intelligence.

## ii. Objective / System Overview:

<https://www.telemededu.org> is an education portal for medical students, residents and CME of physicians and healthcare. It covers the below.

- Monographs in Clinical Diagnosis, Volume I: This covers the area of Family and Community medicine.
- Monographs in Clinical Diagnosis, Volume II: This covers the area of Obstetrics & Gynecology.
- Monographs in Clinical Diagnosis, Volume III: This covers the area of Telehealth and Artificial Intelligence.
- Diagnostic Hemoglobinopathies: Laboratory Methods and Case Studies.
- Protein Electrophoresis, Immunofixation and Immunodisplacement in Clinical Diagnosis:
- Comparison of Agarose Gel Serum Protein Electrophoresis: Immunofixation with Capillary Electrophoresis and Immunotyping.

## iii. Technology Needed to Utilize the Content and Services of TelemedEdu:

The website/portal works on Google Chrome, Mozilla, Internet Explorer, Safari and Opera browsers.

## iv. Authorized use permission:

Usage of TelemedEdu is limited to organizations in healthcare and in the field of Medical Resident education and registered with TelemedEdu, USA, Inc. and their staff whose accounts are created by the administrator/operator of the registered account.

## 2. Launching Website/Installing mobile application:

### i. Launching Website:

Using any browser, Type <https://www.telemededu.org> on the address bar and hit enter. Note that all browsers are supported.

### 3. Registration process

As mentioned earlier in this document, the organization intended to use the services of TelemedEdu have go through a registration process. Complete the registration process by following the below steps.

- i. Click the link <https://www.telemededu.org/Login/Registration>
- ii. Scroll down to enter the information in all the fields.

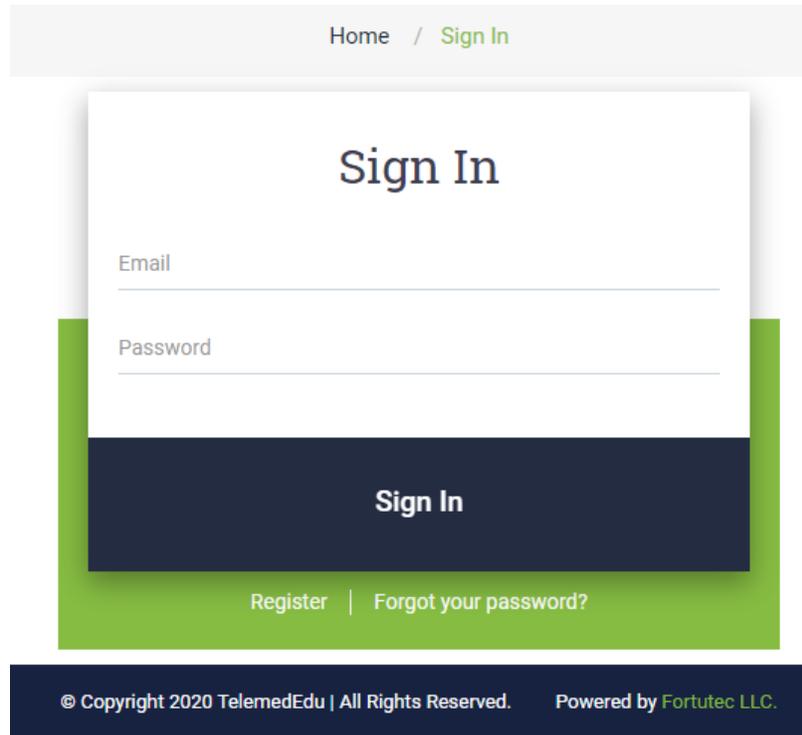
The screenshot shows the 'Sign Up' registration form on the TelemedEdu website. At the top, there is a dark navigation bar with links: HOME, OBJECTIVES, ABOUT US, LOGIN, REGISTER, and CONTACT US. Below the navigation bar, a note states: "Note: The client shall be provided only after the registration step, the name, telephone and e-mail of the technical person of the customer service." The main form area is titled "Sign Up" and contains several input fields arranged in two columns. The fields are: Name of Institute \*, Title/Rank \*, Name of person \*, Email, Password, Repeat Password, Telephone, Fax, Address, Address2, City, State, Zip, and Country. Below these fields is a CAPTCHA image with the word "PIVEK" and a "Refresh" button. At the bottom of the form, there is a "Sign Up" button and a "Login" link.

- iii. Enter all the fields and click the button 'Sign Up'.
- iv. An automated email is sent to the email address mentioned in the screen with an agreement attached. Also, the administrator of the website will also be notified.
- v. Once sign up process is complete, user should use the same details and login to the website.
- vi. Next steps are to
  - a) Complete the payment process to activate the account
  - b) Sign the contract and send it to [contact@telemededu.org](mailto:contact@telemededu.org)

### 4. Login process

- i. Click the link <https://www.telemededu.org/Login>

- ii. Type User ID and Password and click 'Sign In' button.



Home / Sign In

## Sign In

Email

Password

Sign In

Register | Forgot your password?

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## 5. Roles

### i. Signing Authority:

This is the key role that performs the registration process at <https://www.telemededu.org> .

- a. Register at <https://www.telemededu.org>
- b. Login with the UserID and Password and make payment.
- c. Sign the agreement that is received as part of registration process and send it to [contact@telemededu.org](mailto:contact@telemededu.org)
- d. Create/register Supervisor who is responsible to handle the account.
- e. Look at users list and manage them.

### ii. Supervisor:

- a. Create medical resident/physician accounts.
- b. Create supervisor accounts incase of people with similar roles exist in the organization.
- c. Look and manage medical resident/physician accounts.

### iii. Medical Resident/Physician:

- a. Login to <https://www.telemededu.org>
- b. Create resident accounts as needed.

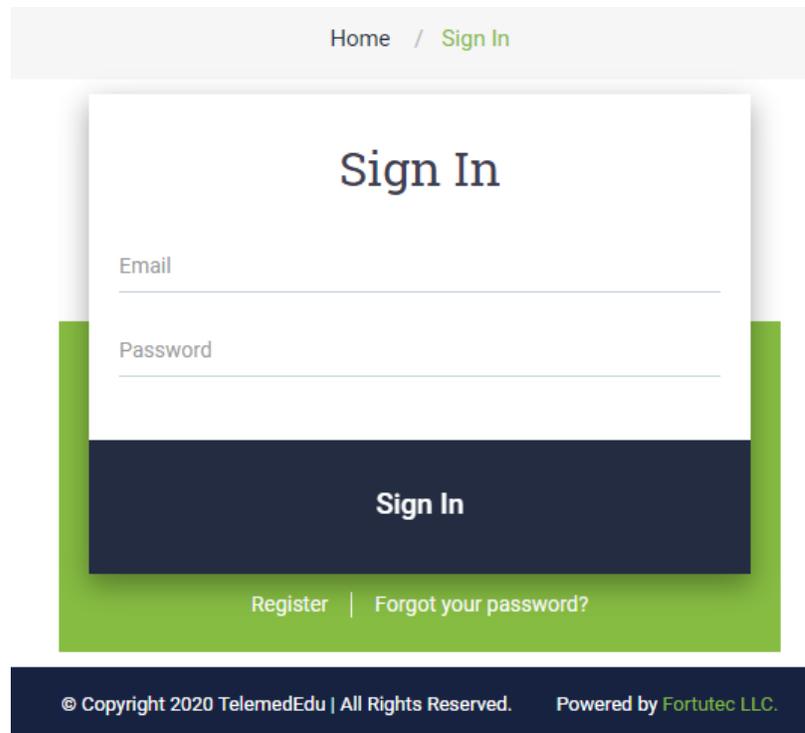
## 6. How it works:

### A. Role: Medical Resident / Physician:

This section explains the process as to how a resident can login to 'Telemededu' portal, browse various sections of the portal and utilize the content.

#### i. Login:

Medical residents / Physicians can login by using their existing official ID credentials.



Home / Sign In

## Sign In

Email

Password

Sign In

Register | Forgot your password?

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## ii. Browsing the content

- a. After login process is done successfully, medical resident/physician is routed to a page where he/she can browse all the available sections of the portal.

**Note:** There is a charge of \$ 5.00 per video usage. This is monitored electronically, and a separate invoice is sent quarterly to the client.

The screenshot shows the TelemedEdu portal interface. At the top left is the TelemedEdu logo. To the right are contact options: a phone icon with 'Phone (248) 524-2243' and an email icon with 'Email contact@TelemedEdu.org'. Below this is a dark navigation bar with 'HOME' and 'SIGN OUT' links. The main content area is titled 'Home' and features six content tiles, each with a graduation cap icon and a '(Click Here)' link:

- Monographs in Clinical Diagnosis: Volume I, Family & Community Medicine (Click Here)
- Monographs in Clinical Diagnosis: Volume II, Obstetrics & Gynecology (Click Here)
- Monographs in Clinical Diagnosis: Volume III, Telehealth & Artificial Intelligence (Click Here)
- Diagnostic Hemoglobinopathies (Click Here)
- Protein Electrophoresis, Immunofixation and Immunodisplacement in Clinical Diagnosis (Click Here)
- Comparison of Agarose Gel Serum Protein Electrophoresis and Immunofixation with Capillary Electrophoresis and Immunotyping, Zia Uddin, PhD, Second Edition, 2016 (Click Here)

- b. Resident can click on any volume to see the topics/chapters.

Home / Monographs In Clinical Diagnosis: Volume I, Family & Community Medicine

All [PDF] [Document] [Link]

Search [Q]

Topics

- Acute Myocardial Infarction: Diagnosis and Treatment
- Anemia
- Cardiac Arrhythmia: Abnormalities of Impulse Formation and Conduction: Bradycardia
- Cardiac Arrhythmia: Supraventricular Tachycardia
- Cardiac Arrhythmia: Ventricular Tachycardia and Ventricular Fibrillation
- Cervical Cancer
- Clinical Stroke Syndromes:

Acute Myocardial Infarction: Diagnosis and Treatment - Video

0:00 / 38:37

- c. The filters in the below picture can be used to filter topics/chapters by content type, i.e., Video, PDF, external link, etc. The search box can be used to find a specific chapter/topic.

All [PDF] [Document] [Link]

Search [Q]

- d. Once the topic/chapter is clicked on the left, the content is displayed on the right of the screen. It shows all the available content for that respective topic/chapter one below the other. Example: If the topic/chapter has video and a text chapter, video is displayed on the top and when scrolled down, it shows the chapter as well.