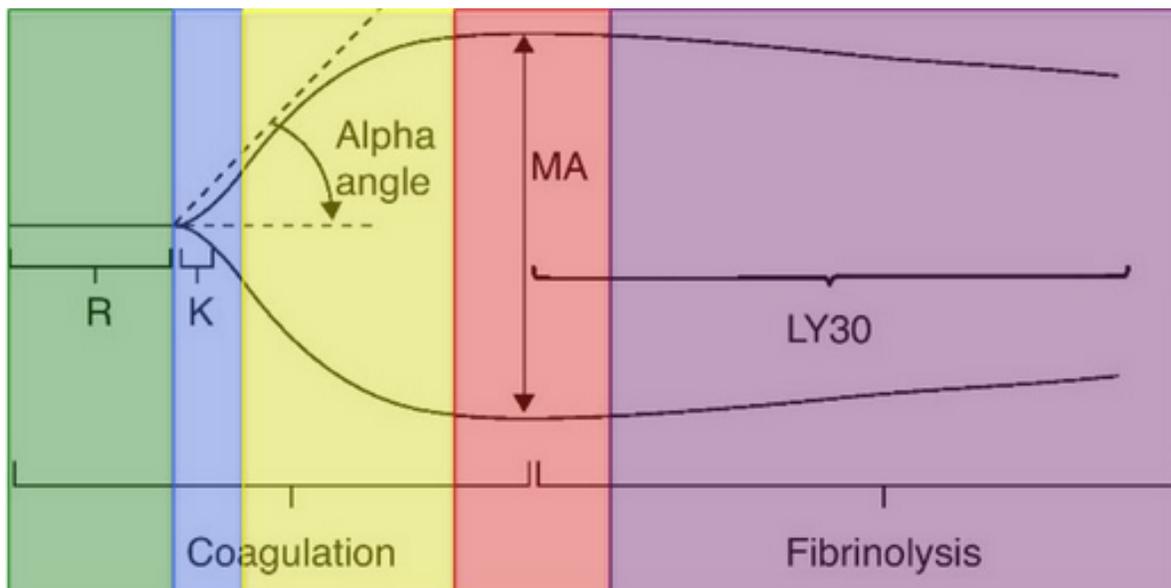
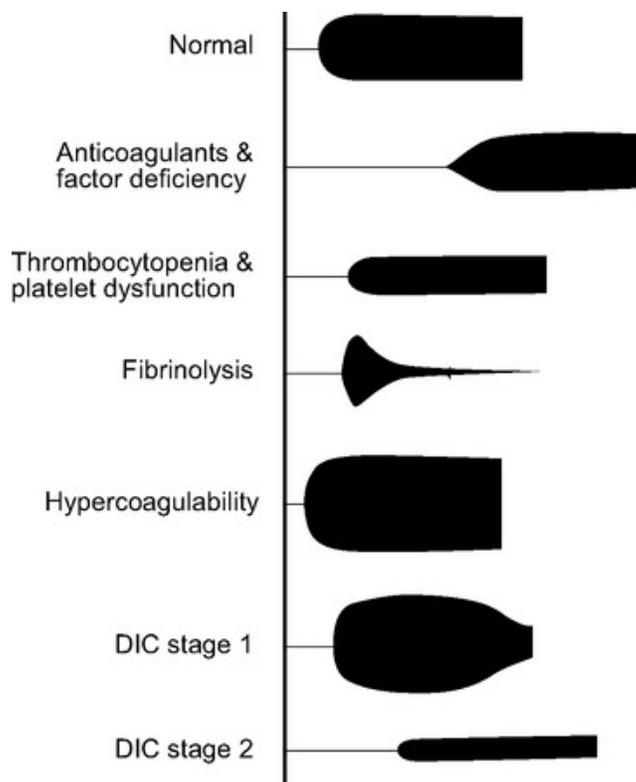


## ThromboElastoGraphy (TEG) Cheat Sheet



**Thromboelastogram (TEG)**

Components	Definition	Normal Values	Problem with...	Treatment
R Time	Time to start forming clot	5 - 10 minutes	Coagulation Factors	FFP
K Time	Time until clot reaches a fixed strength	1 - 3 minutes	Fibrinogen	Cryoprecipitate
Alpha angle	Speed of fibrin accumulation	53 - 72 degrees	Fibrinogen	Cryoprecipitate
Maximum Amplitude (MA)	Highest vertical amplitude of the TEG	50 - 70 mm	Platelets	Platelets and/or DDAVP
Lysis at 30 Minutes (LY30)	Percentage of amplitude reduction 30 minutes after maximum amplitude	0 - 8%	Excess Fibrinolysis	Tranexemic Acid and/or Aminocaproic Acid



# Setup and Configuration of the Citrix TEG Application for the First Time User

Thursday, November 09, 2017

There are two different types of configurations and login steps to be used depending on whether you will be using a **Managed** workstation or a **Clinical** (or CBPRPlus) workstation.

For the first time you will need to configure the Citrix system to make it convenient to access the **TEG** application in the future. This is a one-time setup of a Citrix Favorite.

## Managed Workstations

If you are starting from a Managed workstation where you logged into the desktop with your HealthCare ID got to the Citrix Receiver manager in the lower right SysTray and double-click on the black *target-like* icon for the Citrix Receiver:

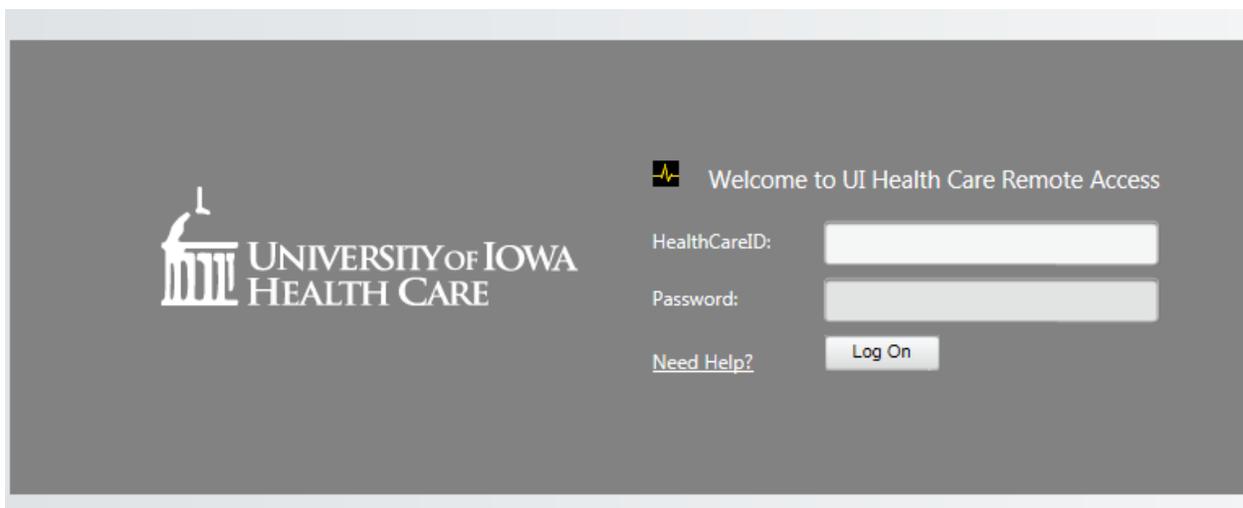


Skip to the **Generic Citrix Configuration** section.

## Clinical (or CBPRPlus) Workstations

If you are starting from a Clinical workstation you will need to access the Remote Access Citrix Web server with a web browser (*e.g.*, Internet Explorer) to

<https://desktop.healthcare.uiowa.edu/>

A screenshot of a web browser displaying the login page for the University of Iowa Health Care Remote Access. The page has a dark grey background. On the left, there is the University of Iowa Health Care logo, which includes a stylized building icon and the text 'UNIVERSITY OF IOWA HEALTH CARE'. On the right, there is a login form with the following elements: a small icon of a person with a pulse line, the text 'Welcome to UI Health Care Remote Access', a text input field for 'HealthCareID:', a text input field for 'Password:', a 'Need Help?' link, and a 'Log On' button.

and authenticate with your HealthCare ID.

## Generic Citrix Configuration

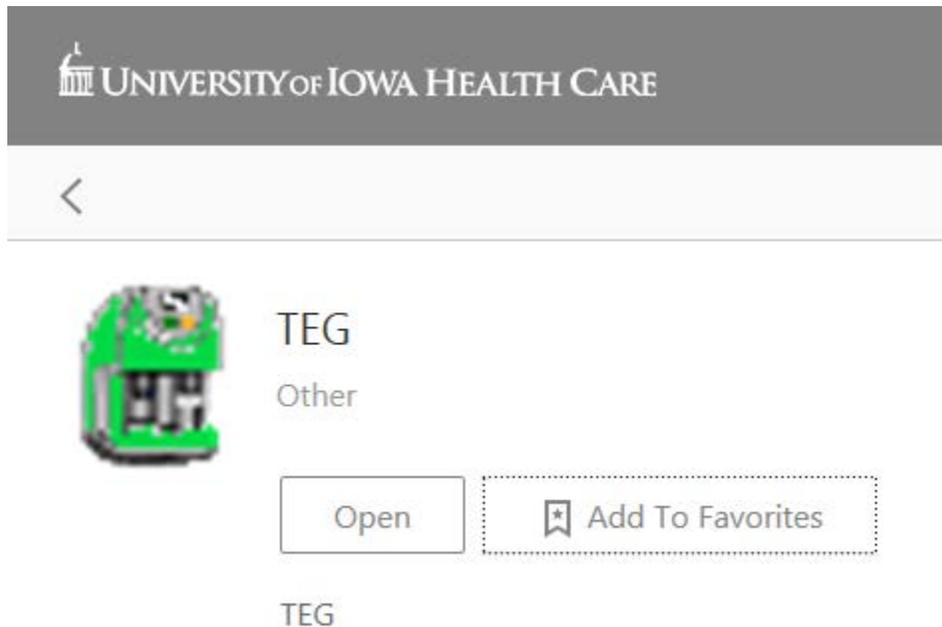
For both Managed and Clinical workstations, you will have now opened the Citrix Receiver interface, with a header similar to this:



Click on the **APPS** button to show you every Citrix published app that *you* are authorized to use and find the **TEG** app and click on its **Details** button



Which expands to this screen:

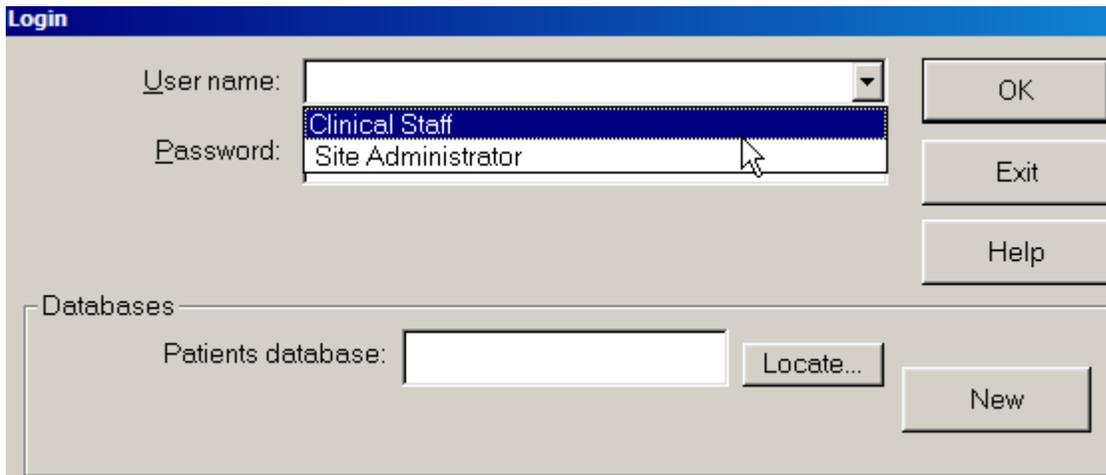


Click on the **Add To Favorites** button and then click on the < arrow at the top left to return to the All APPS display.

Return to your **FAVORITES** and the **TEG** app should be in the list. Click on it to launch the app.

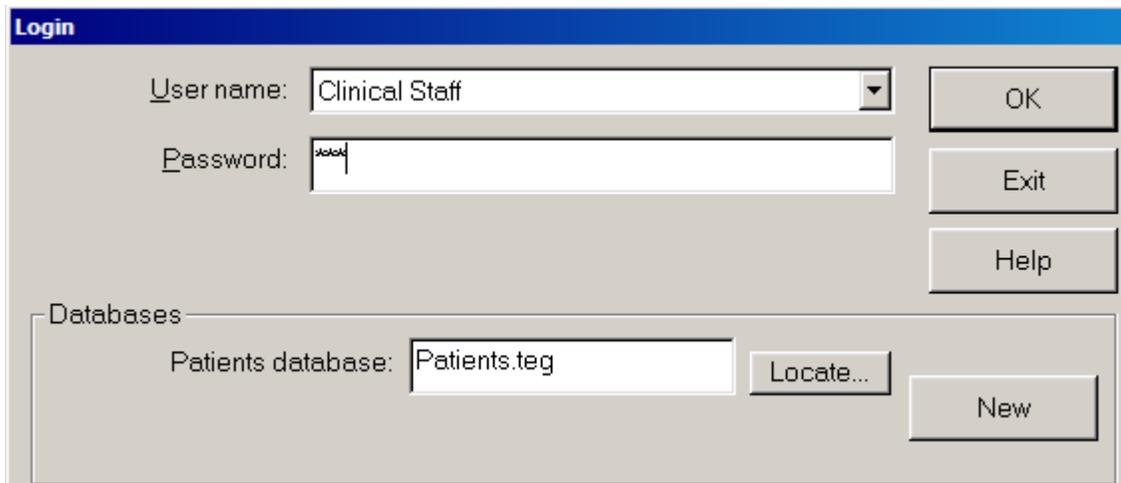
## After Starting **TEG** from any Workstation Type

Once the **TEG** app is launched, it will present this Login requestor; use the drop-down arrow to select the username **Clinical Staff**:



The screenshot shows a 'Login' dialog box with a blue title bar. It contains a 'User name' dropdown menu with 'Clinical Staff' selected, a 'Password' text box, and three buttons: 'OK', 'Exit', and 'Help'. Below these is a 'Databases' section with a 'Patients database' text box, a 'Locate...' button, and a 'New' button.

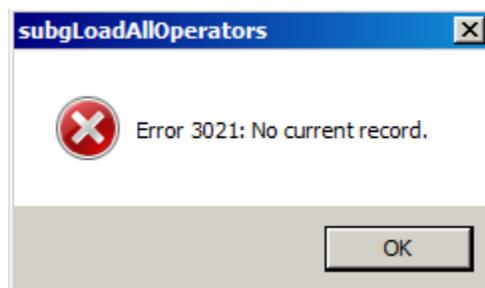
and then enter the password **TEG** (all uppercase) and click on the **OK** button.



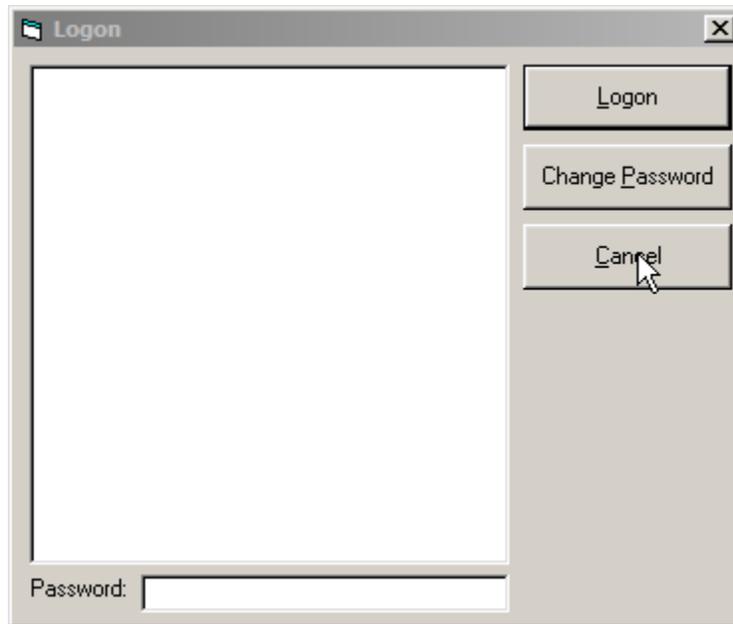
The screenshot shows the same 'Login' dialog box. The 'User name' dropdown menu is now set to 'Clinical Staff'. The 'Password' text box contains the text 'TEG'. The 'Patients database' text box in the 'Databases' section now contains the text 'Patients.teg'.

There will then be two more requestors you will always have to click through before you can start using the **TEG** app (just like in the past with the hardware COWs):

Click **OK** for the Error 3021:



and then click **Cancel** for the empty Logon box:



## Troubleshooting Issues

Unless you perform some user input to the app (keyboard or mouse actions), Citrix will automatically log you off after 3 hours. It will present a warning popup about 5 min before it terminates your session that if you click on it to not terminate, it will reset the 3 hour counttime timer.

The TEG app has a fixed limit of 15 concurrent users, hospital-wide. If you are number 16 or greater you will get this error after launching the app:



Resolution is to either wait until later, if that is an option, or figure out who the other users are and ask one of them to logout if they are not working a patient with a currently running sample in the Path Lab. Most likely they were earlier and left the program open and running somewhere. The Solution Center (HCIS Help Desk) can assist find usernames of who's running the TEG app on the Citrix servers. This can aid figuring out whom to contact.