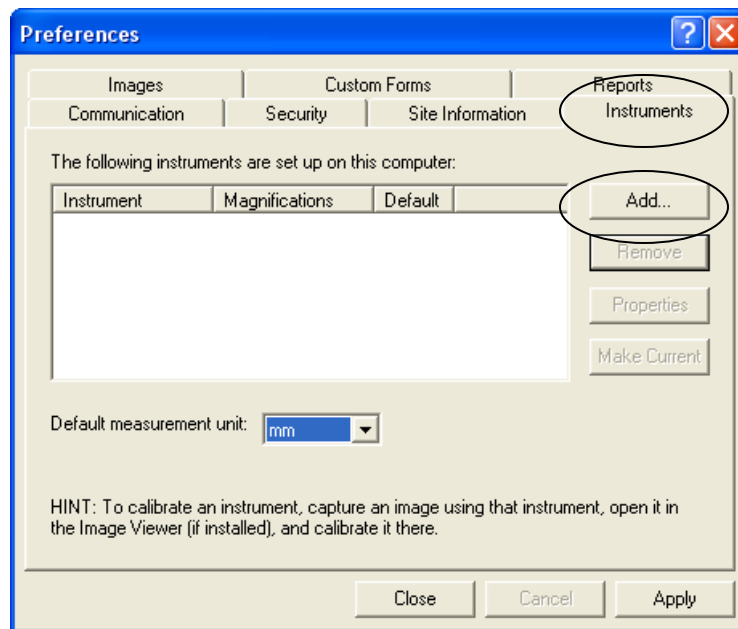
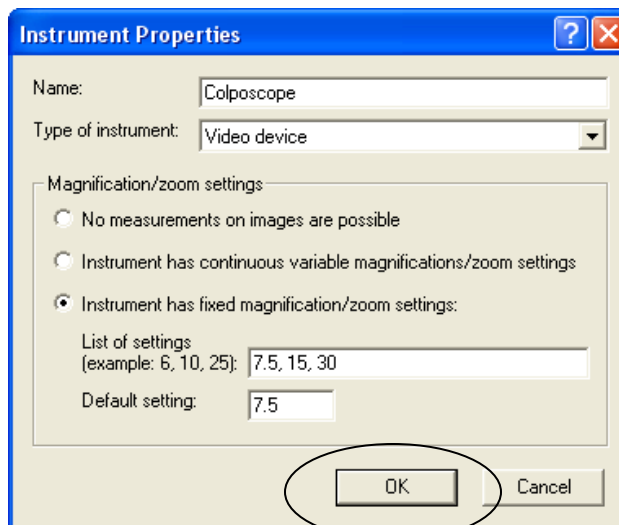


## Defining Instruments and Calibrating Images (Instruments with Fixed Magnification Settings)

Run **Second Opinion**™ Professional and open up the Sample Patient folder. Next **Click** the **System** menu choice, then **Preferences**, lastly **Click** the **Instruments** tab. Now **Click** the **Add** button located within the **Preferences** dialog box.



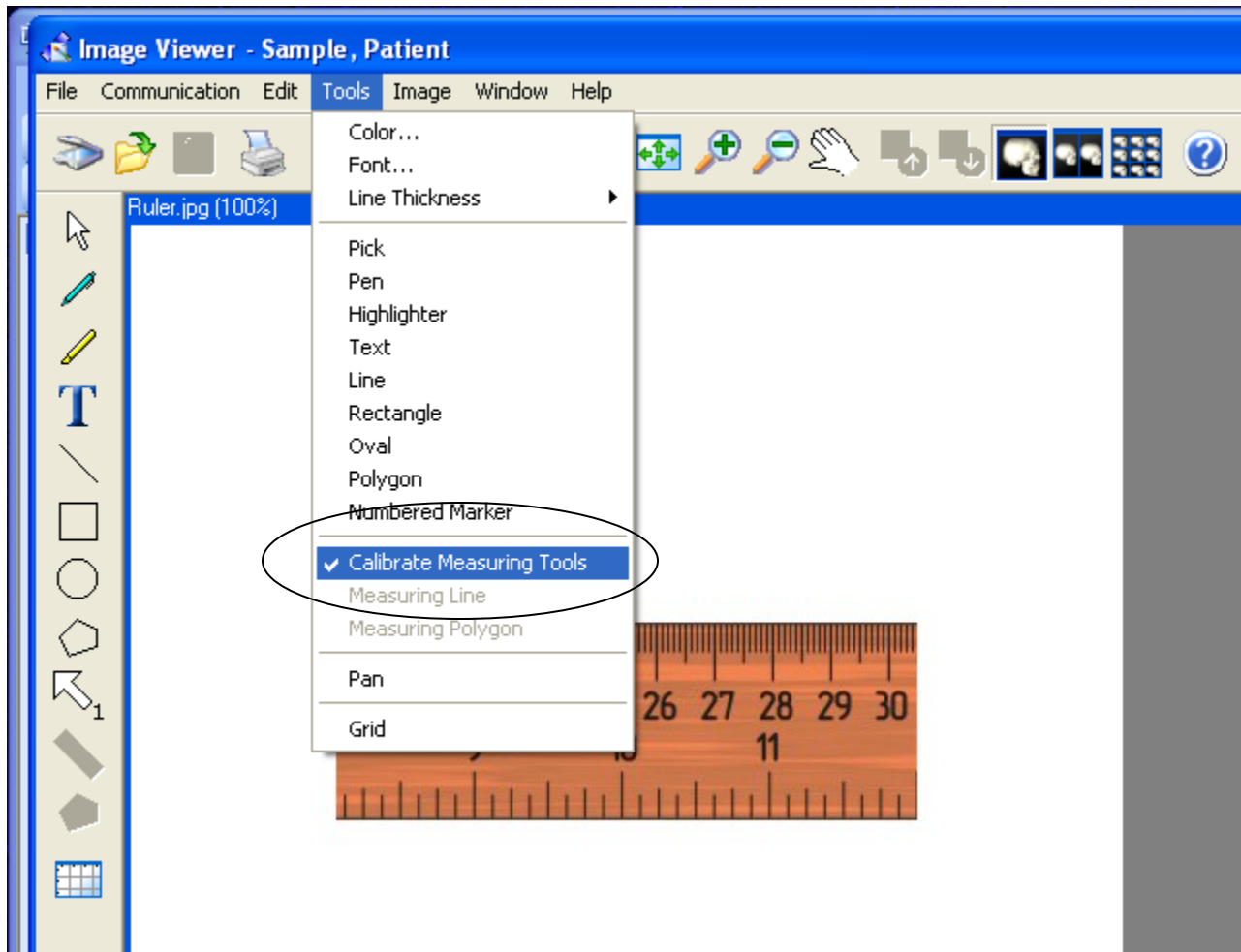
Type in the appropriate values for the Scope with fixed magnifications and **Click OK**.



# Second Opinion

**Telemedicine Solutions, Inc.**

The next step is to open an image which contains something of known distance, like a picture of a ruler. Note: The best way to get an image of this type is to simply take a picture of a ruler noting the magnification level of the video device when capturing the picture. Once the image is open, **Click the Tools menu then Click Calibrate Measuring Tools.**



# Second Opinion

Telemedicine Solutions, Inc.

Now position the caliper tool on the ruler and by clicking and holding down the left mouse button down draw a line down any known distance on the image and then type that distance in the dialog box. Now **Choose** the appropriate **Instrument**, **Click Image was captured using an instrument with magnification** and choose the appropriate magnification value. Lastly **Click Use these settings for this and all new images**. Note: the longer the line the more accurate the calibration.

Calibrate Measuring Tools

Enter length in mm: 90

Instrument used to acquire image: Colposcope

Lens Setting

Image was captured using this instrument magnification: 7.5

Instrument magnification is not known

Use these settings for this and all new images

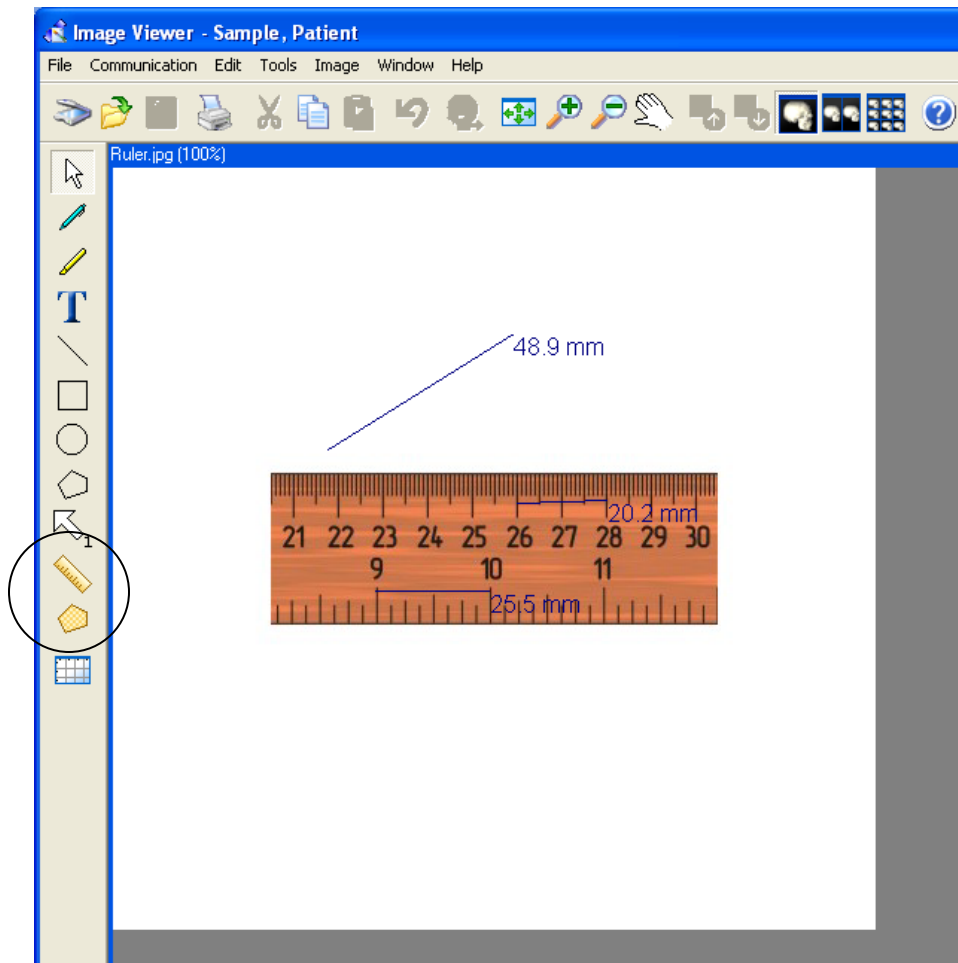
OK Cancel

Note: There is no need to calibrate each different scope magnification level; once a magnification level is calibrated each additional magnification level is calculated by the program.

# Second Opinion

Telemedicine Solutions, Inc.

Once an image has been calibrated the Measuring Line and Measuring Polygon tools become enabled.



# Second Opinion

Telemedicine Solutions, Inc.

To have the system automatically associate the appropriate calibration settings to any new images, make sure you choose the Instrument and Magnification level when saving.

Document Information

Image Id: 188387E097A Session: 20100408

Description: Ruler Picture #2

Source/Instrument: Colposcope Magnification/Calibration: 7.5

Notes:

Keywords:

Apply this information to:

- Only this image/clip
- All already captured images/clips only
- All captured and future images/clips during this session

OK Cancel

