



REMEMBER THE TITAN





**THANK YOU FOR CHOOSING
UMI FOR YOUR ULTRASOUND
NEEDS**

**THIS WILL HELP YOU TO GET
STARTED**



**PRESS POWER BUTTON > TOP
LEFT ON KEYBOARD**



**PRESS PATIENT > RIGHT OF
KEYBOARD**



**GAIN BUTTONS ON LEFT OF
KEYBOARD
NEAR=TOP ½ SCREEN
FAR=BOTTOM 1 / 2 OF SCREEN
GAIN=OVERALL SCREEN**



**PRESS PATIENT > ENTER NAME
OF PRACTICE OR CLINIC
NAME APPEARS TOP OF SCREEN
PRESS DONE (SOFT KEY ON
RIGHT)**



**TOGGLE ARROW ON TOUCHPAD
TO TYPE (TOP RIGHT
SCREEN)>FOR GENERAL
ORTHOPEDIC STRUCTURES
>PRESS BREAST>PRESS
SELECT>PRESS DONE**



**THE ARE 6 SOFT KEYS BELOW
SCREEN
EACH KEY ADJUSTS FUNCTION
SEEN ON TOOL BAR AT BOTTOM
OF SCREEN**



**FIRST SOFT KEY ON LEFT ADJUSTS
BEAM FOCUS
TOGGLE SOFT KEY TO CHANGE**

**GENERAL IS ALL AROUND STANDARD
SETTING**

**YOU MAY WISH RESOLUTION FOR
LESIONS CLOSE TO SKIN**



**SECOND SOFT KEY IS L/R
TOGGLE SO THAT TURQUOISE
DOT ON TOP OF SCREEN IS ON
RIGHT**

**DISTAL IS ON THE RIGHT ON A
LONGITUDINAL SCAN**



**SOFT KEY ON RIGHT TOGGLES TO
DUAL OR SPLIT SCREEN MODE
PRESS DUAL>LEFT SCREEN IS
LIVE>PRESS UPDATE BUTTON TO
TOGGLE TO RIGHT SCREEN>PRESS
FREEZE**



**4TH SOFT KEY FROM LEFT
BRIGHTENS SCREEN**



**ADJUST SCREEN SIZE BY PRESSING
DEPTH KEY**

**SCREEN GOES FROM 2.0 CM DEPTH
TO 6.5 CM**



**PRESS FREEZE BUTTON WHEN
IMAGE OBTAINED (ABOVE
TOUCHPAD)**



**SYSTEM SAVES LAST FEW SECONDS
OF SCAN**

**TO CINE (SHOW MOVING IMAGE)
PRESS AND HOLD ARROWS TO
LEFT AND RIGHT OF FREEZE KEY**



TO MEASURE >PRESS CALIPER KEY
(LEFT OF TOUCHPAD)
PRESS SELECT TO LOCK FIRST
CALIPER>MOVE CROSS WITH
TOUCHPAD >PRESS SELECT TO
LOCK SECOND CALIPER

MEASUREMENT SEEN BOTTOM
LEFT ON SCREEN



DELETE KEY (LAST SOFT KEY
ON RIGHT) DELETES
MEASUREMENT
PRESS CALIPER BUTTON TO
START OVER



TEXT

PRESS TEXT BUTTON (BOTTOM
LEFT ON KEYBOARD)

CURSOR APPEAR TOP LEFT SCREEN

>TYPE DIAGNOSIS TERM



TO BEGIN VASCULAR EXAM > PRESS
PATIENT > TOGGLE TOUCHPAD TO
EXAM TYPE > SELECT VASCULAR



VASCULAR

**PRESS COLOR BUTTON (ABOVE 2D
BOTTOM RIGHT)**

COLOR BOX APPEARS > PRESS

**SELECT TO ADJUST COLOR BOX TO
SMALL RECTANGLE**



PRESS 2ND SOFT KEY FROM LEFT
TO > LOW

PRESS 4TH SOFT KEY (WF) TO LOW



PRESS SELECT
ADJUST COLOR BOX TO SMALL
RECTANGLE
PRESS 5TH SOFT KEY (+15) TO
SLANT COLOR BOX TO RIGHT
WHICH FILLS THE VESSEL



MOVE COLOR BOX WITH
TOUCH PAD TO CENTER VESSEL
IN BOX
ADJUST GAIN TO PREVENT
COLOR FLASHING



**LOWER SCALE (3RD SOFT KEY)
UNTIL VESSEL FILLS WITH BEST
COLOR**



**PRESS DOPPLER BUTTON
(BOTTOM RIGHT ABOVE COLOR)
DOPPLER WINDOW APPEARS
PLACE WINDOW IN CENTER OF
VESSEL**



**CENTER DOPPLER WINDOW IN
MIDDLE OF VESSEL
PRESS 4TH SOFT KEY (-15) TO
PLACE LINE DIRECTLY PARALLEL
AND IN CENTER OF VESSEL**



ADJUST 3RD SOFT KEY TO OPEN
OR CLOSE DOPPLER GATE
NOTE: GATE SHOULD NOT
TOUCH VESSEL WALL



**PRESS DOPPLER KEY AGAIN
(BOTTOM RIGHT ABOVE COLOR)
TO OBTAIN SPECTRAL
WAVEFORM AND SOUND**



**IN DOPPLER WAVEFORM MODE
4TH SOFT KEY ADJUSTS VOLUME
AND GAIN KNOB) ADJUSTS
BRIGHTNESS OF WAVEFORM**



**PRESS CALIPER AND RUN
CURSOR TO TOP OF WAVE
MEASURE PEAK SYSTOLIC
VELOCITY ON BOTTOM LEFT
SCREEN**



**TO SAVE IMAGE PRESS SAVE KEY
ABOVE PRINT (COMPACT FLASH
CARD MUST BE INSERTED)**



**TO PRINT CONNECT CABLE
FROM VIDEO OUT TO PRINTER
PRESS PRINT BUTTON (RIGHT OF
TOUCHPAD)**