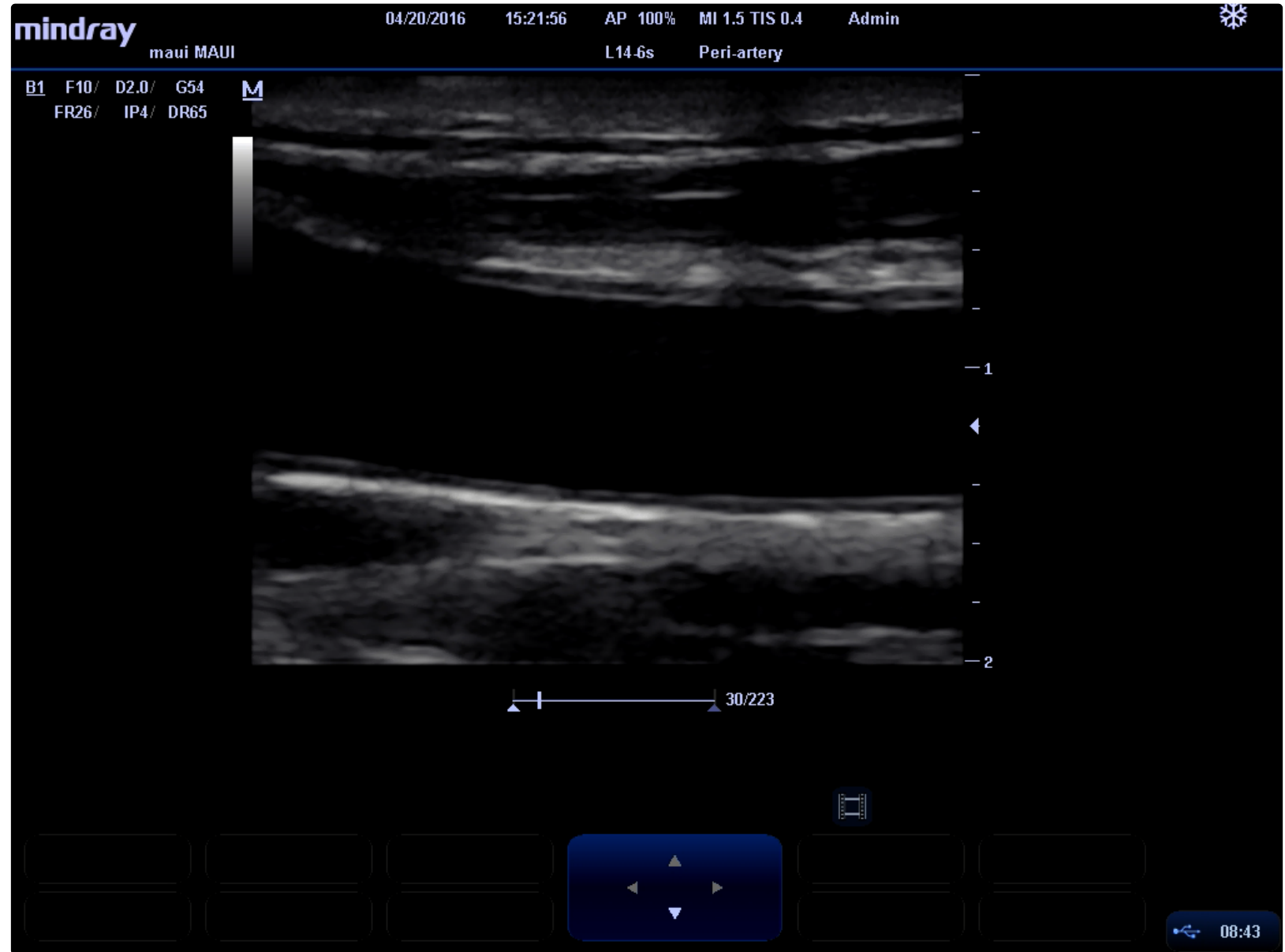




## Step 2: Wall Detection

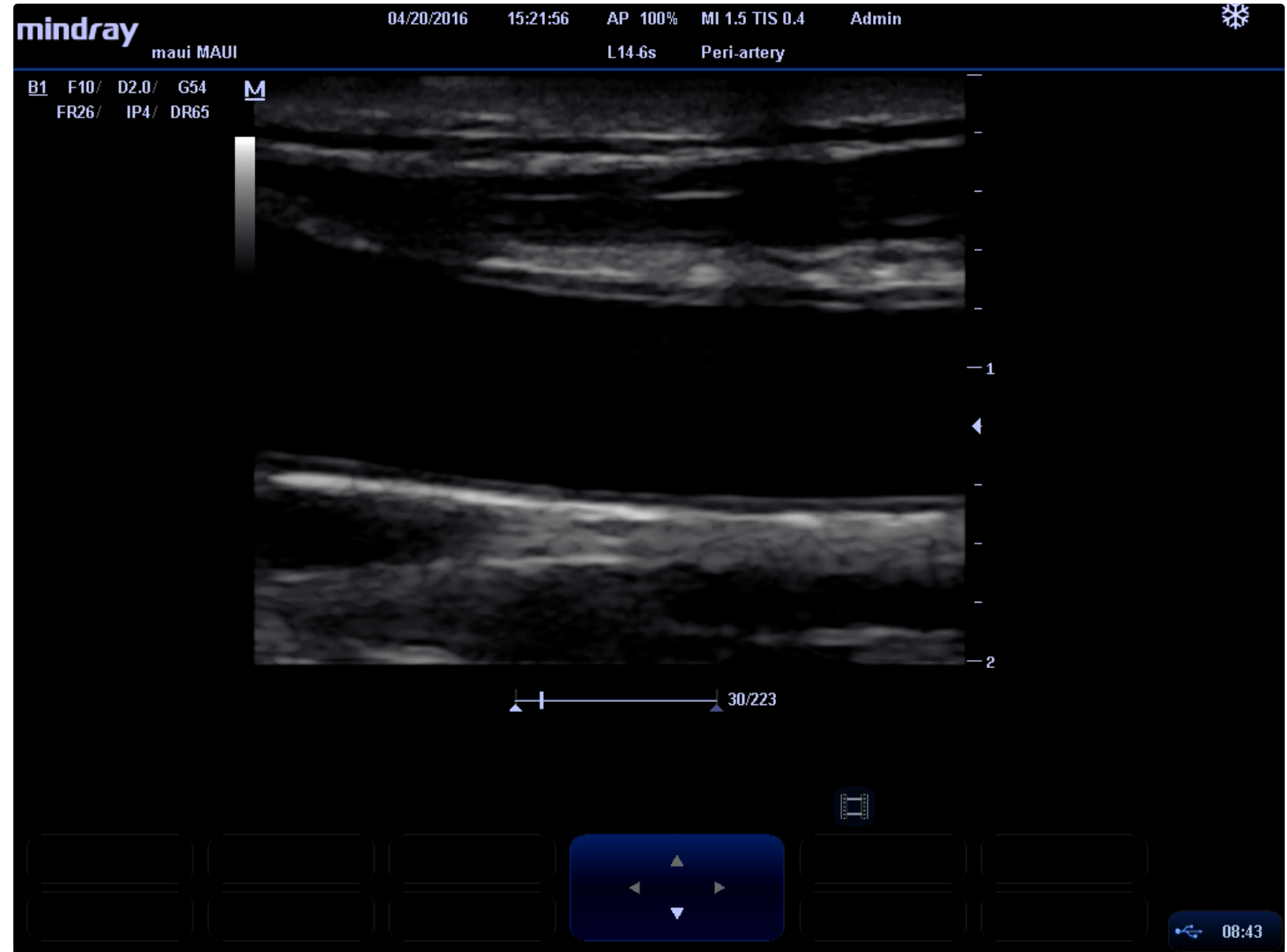


207

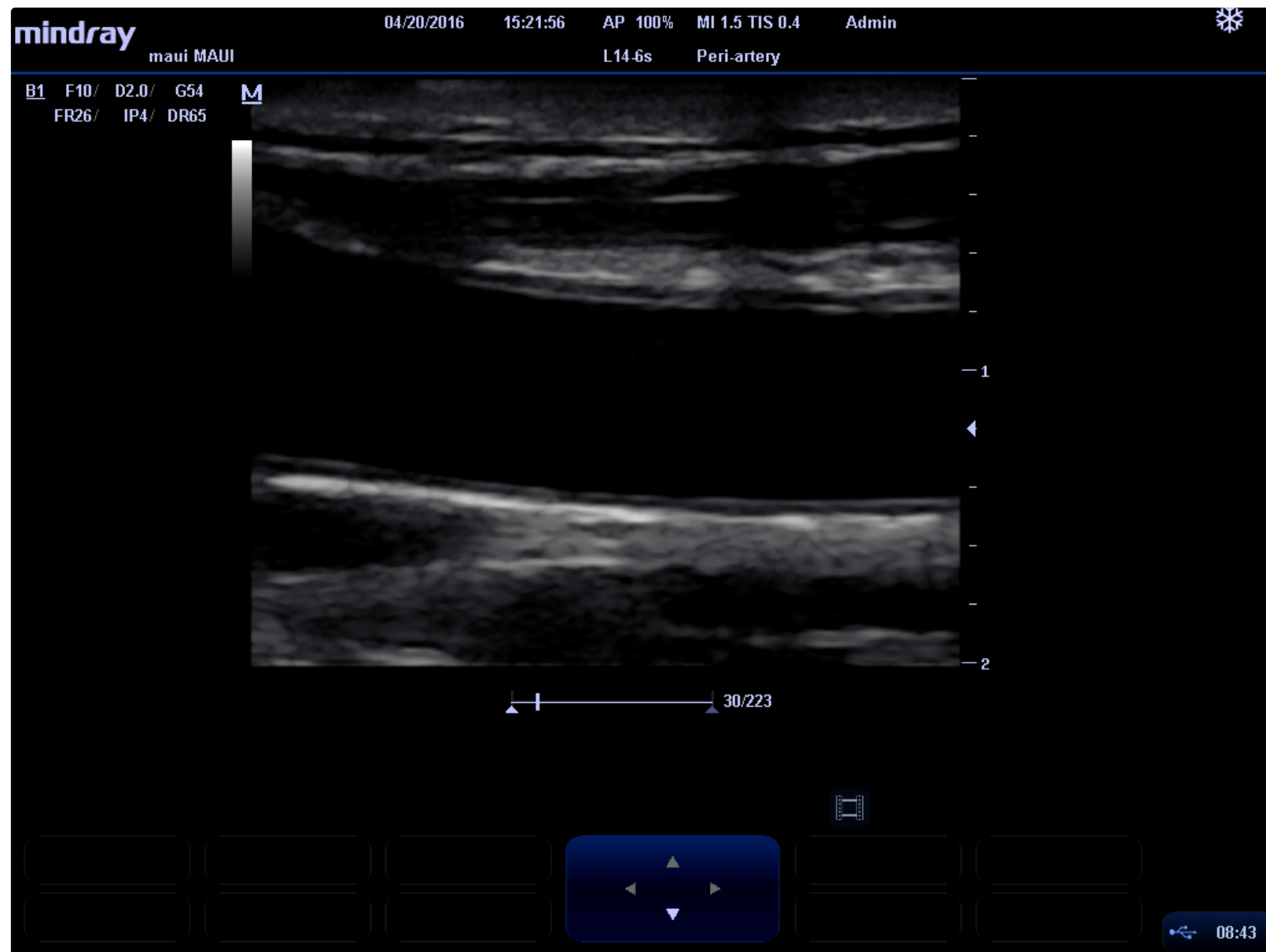
set end



## Step 2: Wall Detection



set end



**START**

## Step 2: Wall Detection

## Crop ROI

## Select Top Wall

## Select Bottom Wall

- ☒ **Outer Lumen Diameter**
- ☒ **Top Intima Media Thickness**
- ☒ **Bottom Intima Media Thickness**

77

**set start**

207

set end

File

Settings

Help

Measurements from Arterial Ultrasound Images (MAUI) 1.0

File Location:

C:\videos\

File Name:

video01.avi

Start frame:

77

End frame:

207

Calibration Factor:

1 cm = 19 pixels

Top Wall Initialized:

yes

Bottom Wall Initialized:

yes

PAUSE

Step 1: Calibration

Step 2: Wall Detection

outer lumen diameter vs. time

outer lumen diameter, cm

2.05

2

1.95

1.9

1.85

1.8

1.75

1.7

time, seconds

0

1

2

3

4

5

6

7

8

77

set start

set end

207

File

Settings

Help

Measurements from Arterial Ultrasound Images (MAUI) 1.0

File Location: C:\videos\  
File Name: video01.avi  
Start frame: 77  
End frame: 207  
Calibration Factor: 1 cm = 19 pixels  
Top Wall Initialized: yes  
Bottom Wall Initialized: yes

START

Step 1: Calibration

Step 2: Wall Detection

Select Top Wall

Select Bottom Wall

outer lumen diameter vs. time

outer lumen diameter, cm

time, seconds

| time, seconds | outer lumen diameter, cm |
|---------------|--------------------------|
| 0.0           | 1.82                     |
| 0.5           | 2.00                     |
| 1.0           | 1.73                     |
| 1.5           | 1.93                     |
| 2.0           | 1.75                     |
| 2.5           | 1.88                     |
| 3.0           | 1.77                     |
| 3.5           | 1.88                     |
| 4.0           | 1.75                     |
| 4.5           | 1.96                     |
| 5.0           | 1.80                     |
| 5.5           | 1.95                     |
| 6.0           | 1.83                     |
| 6.5           | 1.96                     |
| 7.0           | 1.80                     |
| 7.5           | 1.92                     |
| 8.0           | 1.78                     |

77

set start

set end

207