

FFR presentation system



in co-operation with



Cath lab

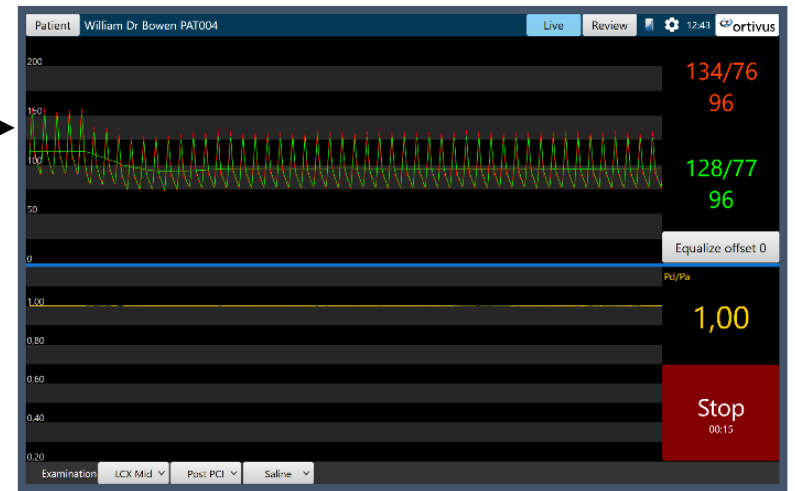
Control room

Video hub connection



Cavis Wirecath

Aortic pressure (listening)



Ortivus Mini-PC 11.5 cm



Index	Name	PatientId	Study	Physician	Date	Lab
0	Bloggs Joe Mr	PAT001	1.2.826.0.1.3680043.11.1	Smith Dr	1997-09-18 14:00:00	ADVT
1	Bowen William Dr	PAT004	1.2.826.0.1.3680043.11.1	Fergusson Dr	1997-09-18 13:00:00	ADVT
2	Bowen William Dr	PAT004	1.2.826.0.1.3680043.11.1	Fergusson Dr	1997-09-18 16:00:00	ADVT
3	Bowen William Dr	PAT004	1.2.826.0.1.3680043.11.1	Fergusson Dr	1997-10-20 14:00:00	US1
4	Brooks John Mr	PAT015	1.2.826.0.1.3680043.11.1	Smith Dr	2005-12-14 09:30:00	CT1
5	Clarke Wendy Mrs	PAT020	1.2.826.0.1.3680043.11.1	Smith Dr	2006-02-15 09:20:00	CT1
6	Clarke Wendy Mrs	PAT020	1.2.826.0.1.3680043.11.1	Smith Dr	2006-02-15 09:20:00	CR1
7	Davies Mary Miss	PAT005	1.2.826.0.1.3680043.11.1	Davison Dr	2005-11-07 15:00:00	MR1
8	Davies Samual Mr	PAT018	1.2.826.0.1.3680043.11.1	Richards Dr	2006-02-18 14:00:00	MR1
9	Edwards Janet Mrs	PAT022	1.2.826.0.1.3680043.11.1	Fergusson Dr	2006-05-21 14:30:00	CR1
10	Evans Liz Miss	PAT017	1.2.826.0.1.3680043.11.1	Richards Dr	2005-12-20 16:00:00	CT1
11	Faretelli John Mr	PAT013	1.2.826.0.1.3680043.11.1	Davison Dr	2005-02-12 13:00:00	NM1
12	Huges Amy Mrs	PAT007	1.2.826.0.1.3680043.11.1	Davison Dr	2005-12-20 10:30:00	RF1
13	Johnson John Mr	PAT006	1.2.826.0.1.3680043.11.1	Richards Dr	2005-04-11 09:30:00	ADVT
14	Jones John Mr	PAT009	1.2.826.0.1.3680043.11.1	Davison Dr	2005-11-16 11:00:00	CT1
15	Jones John Mr	PAT009	1.2.826.0.1.3680043.11.1	Davison Dr	2005-12-02 13:00:00	MR1
16	Lucas Claire Mrs	PAT010	1.2.826.0.1.3680043.11.1	Smith Dr	2006-02-05 15:30:00	ADVT
17	O'mally Clive Mr	PAT023	1.2.826.0.1.3680043.11.1	Davison Dr	2005-11-26 10:20:00	CR1

DICOM connection

Start/Stop

New patient Discharge patient

Patient

Patient ID: First name: Last name:

Patient Wendy Mrs Clarke PAT020

Live Review 14:21 ortivus

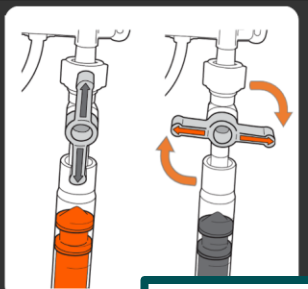
200
150
100
50
0

0/0
0

Zero Pd
Ok

Equalize

1 / 4 **SLOWLY** fill the transducer with saline
Close the stopcock on the transducer
Open AO to air
Press Zero Pa & Pd



Zero Pa & Pd

Patient Wendy Mrs Clarke PAT020

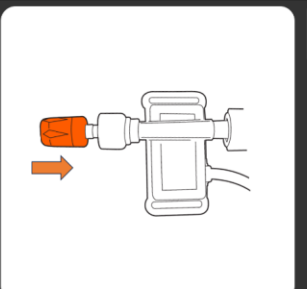
Live Review 14:24 ortivus

200
150
100
50
0

0/0
0
0/0
0

Equalize

2 / 4 Fill packaging coil with saline
Carefully disconnect the tuohy from the coil
Push the tuohy firmly into the transducer



Next

4-step guide

Patient Wendy Mrs Clarke PAT020

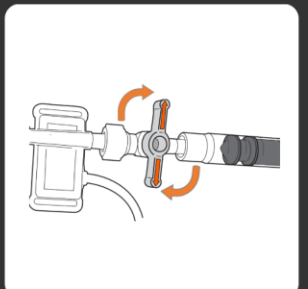
Live Review 14:26 ortivus

200
150
100
50
0

0/0
0
0/0
0

Equalize

3 / 4 Remove wire from coil, open the stopcock, flush wire until the saline is visible at the tip.
Close stopcock



Next

Patient Wendy Mrs Clarke PAT020

Live Review 14:26 ortivus

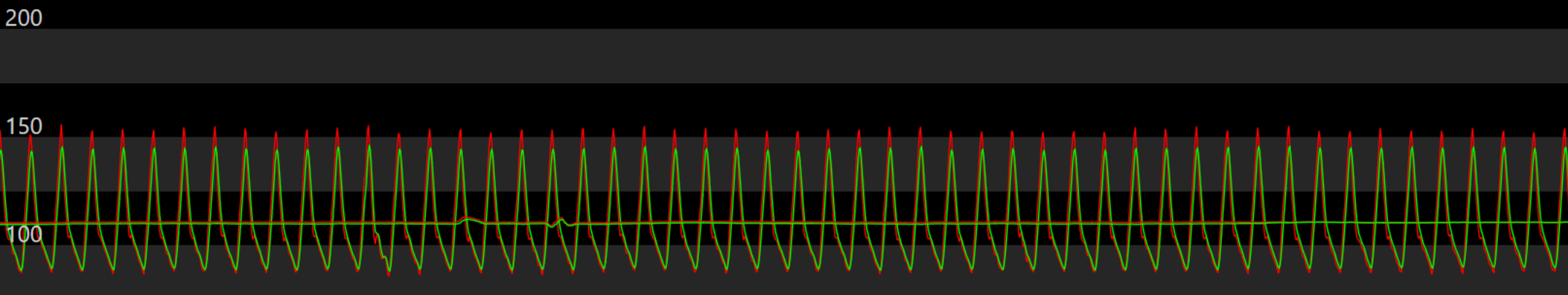
200
150
100
50
0

154/87
111
144/89
110

Equalize

4 / 4 Advance Wirecath to catheter opening and press EQUALIZE

Equalize



154/87

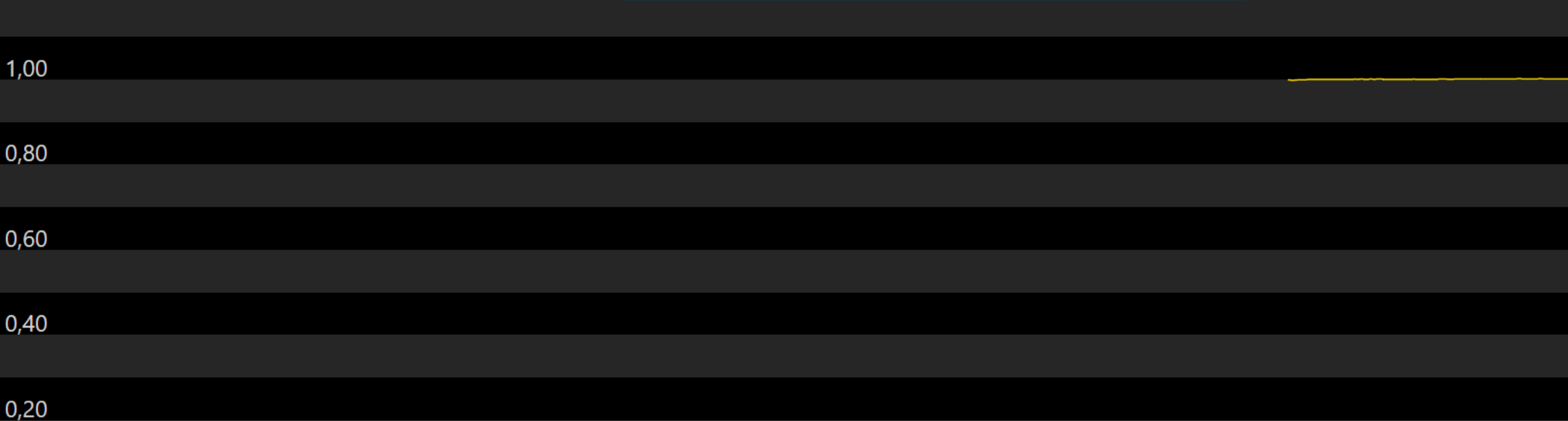
110

145/89

110

After Equalize

Equalize offset -1

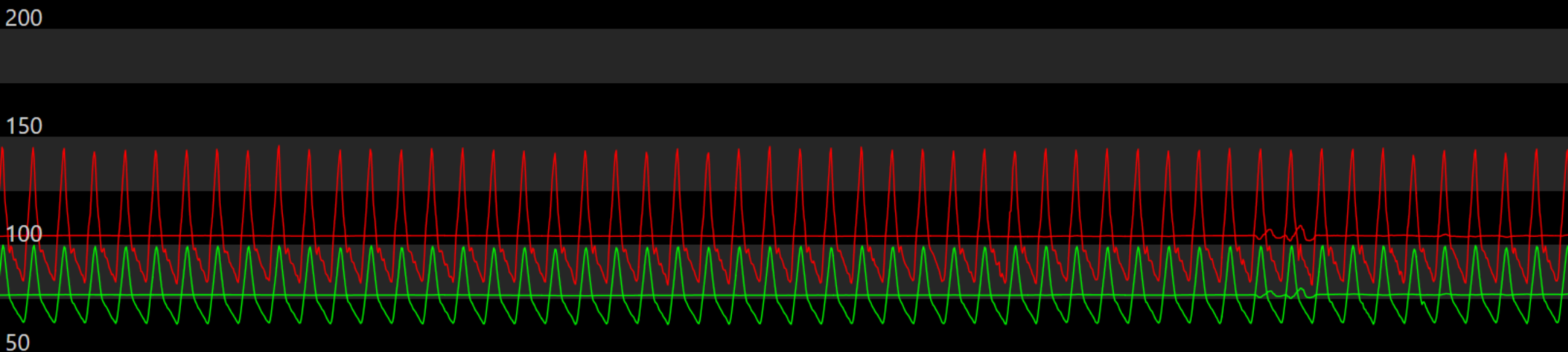


Pd/Pa

1,00

Pullback

Rec



144/82

104

99/64

77

LAD Pullback

Equalize offset -1



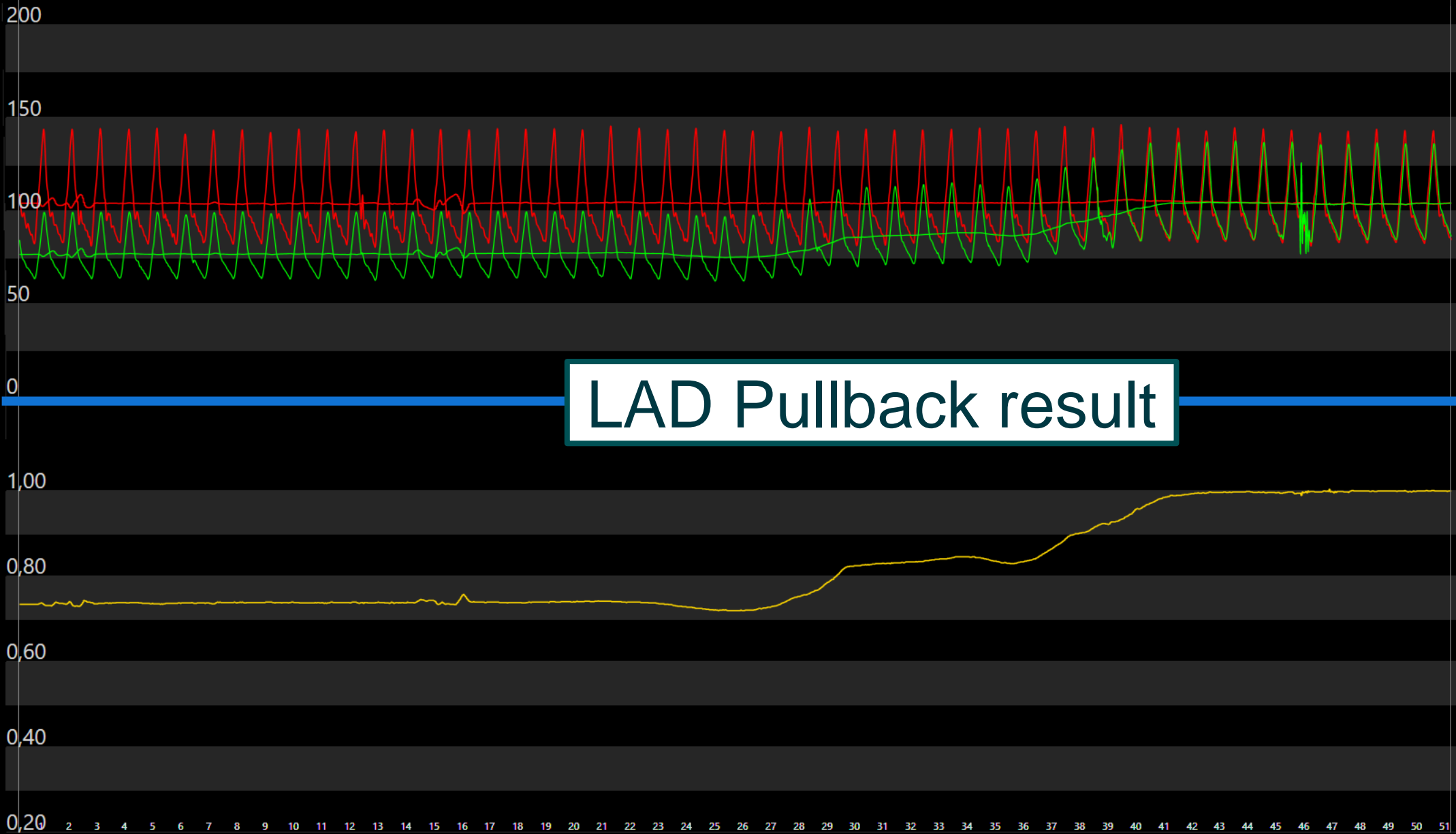
Pd/Pa

0,74

Stop
00:11

Pullback: LAD Distal, Pre PCI, Ado IV

Wed 14:32:37



Start	Pd	Pa
0,74	77	104
End	Pd	Pa
1,00	104	104

Recording list

Live

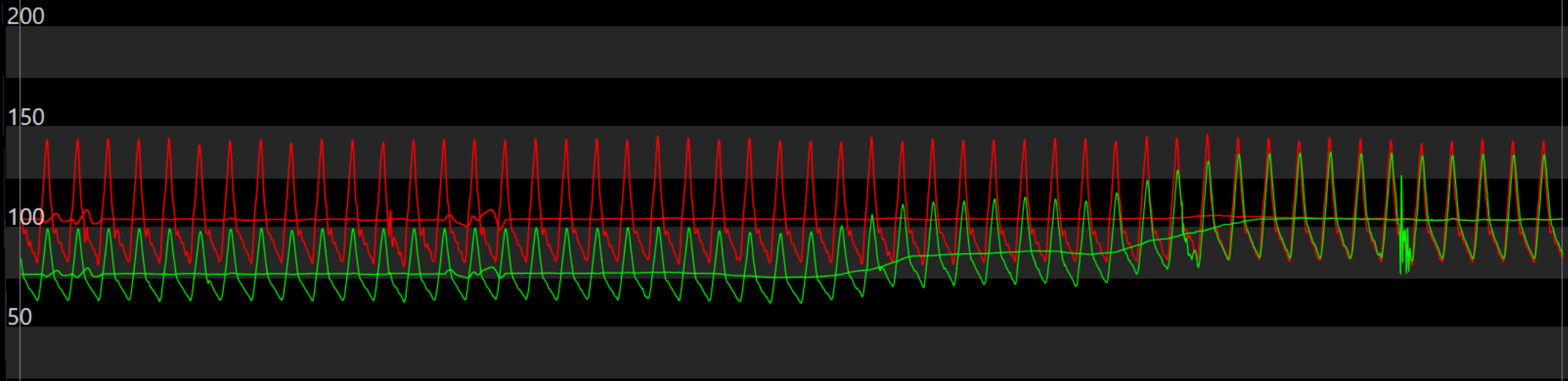


Pullback: LAD Distal, Pre PCI, Ado IV

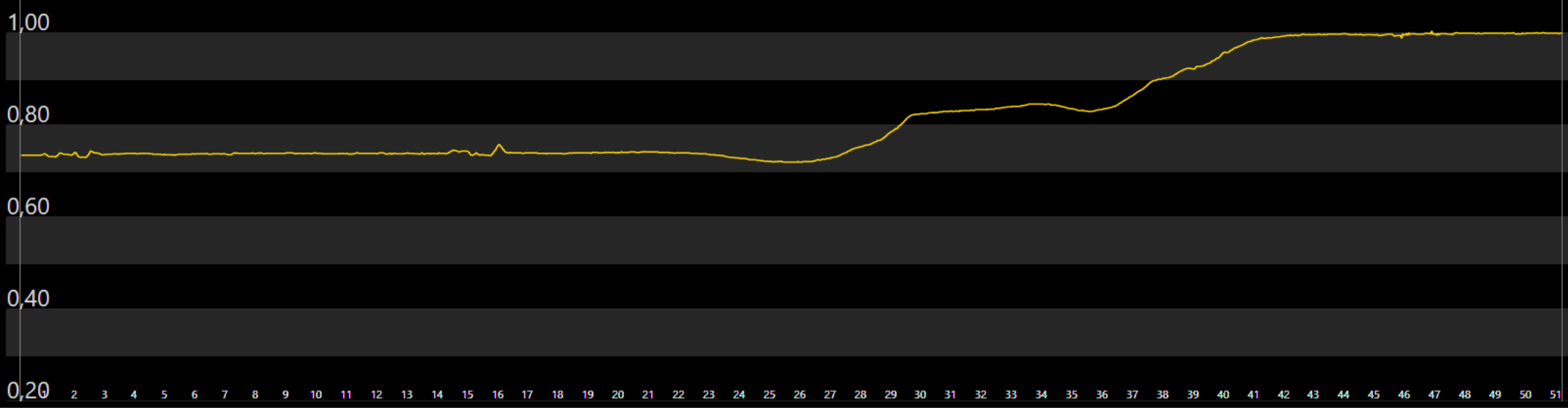
Wed 14:32:37

Recordings

2023-09-06 14:32:12
Pullback
LAD Distal, Pre PCI, Ado IV



Recording list



Close recordings

Live

LAD Distal ▾

Pre PCI ▾

Ado IV ▾



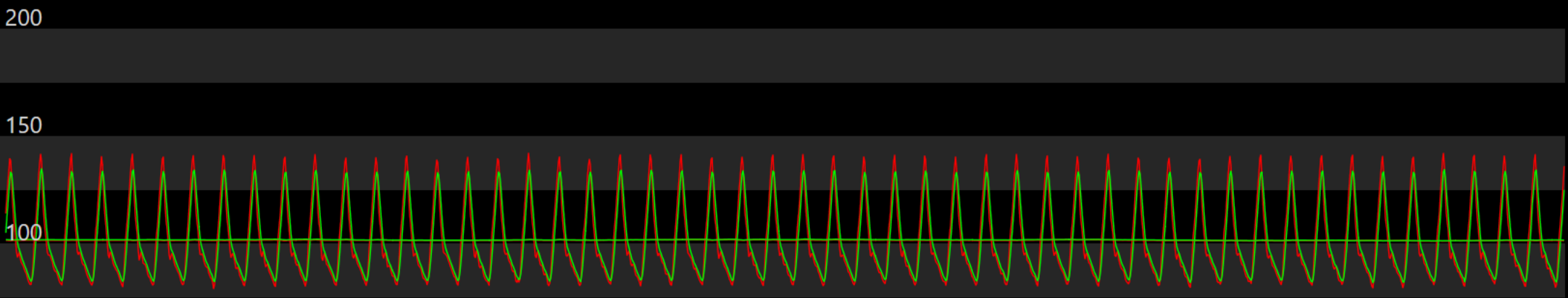
+

-



1 / 1





141/79

101

134/82

102

LCX examination

Equalize offset -1

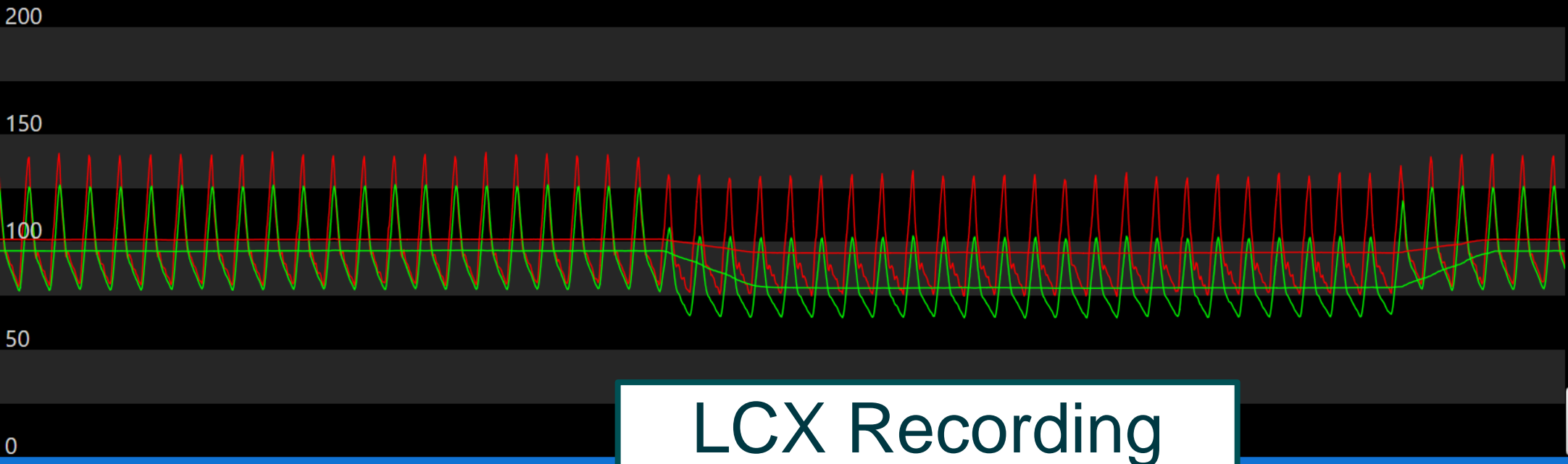


Pd/Pa

1,00

Pullback

Rec



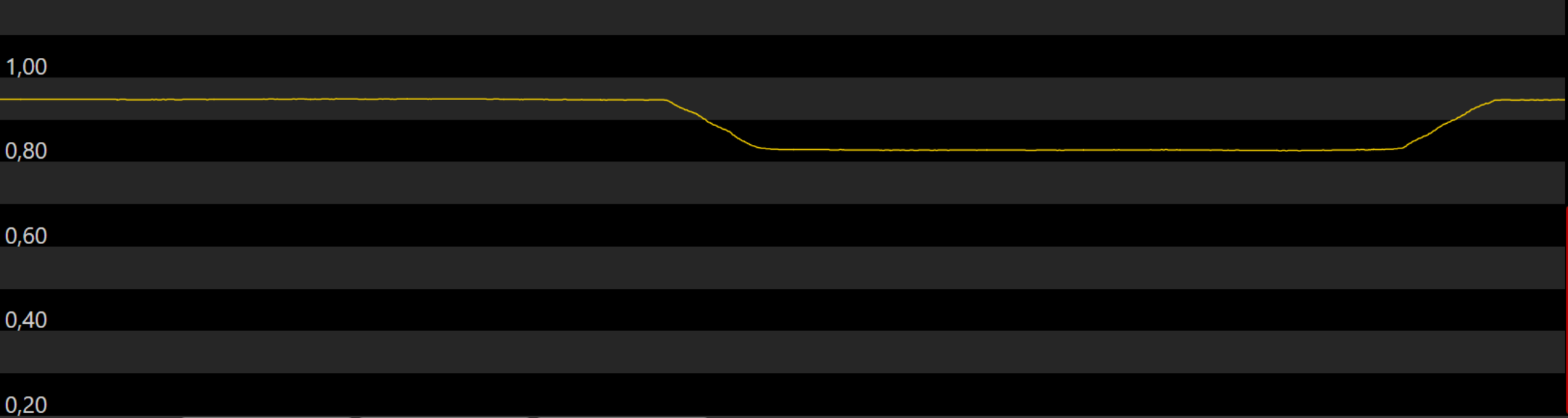
140/80

101

126/78

95

Equalize offset -1



Pd/Pa

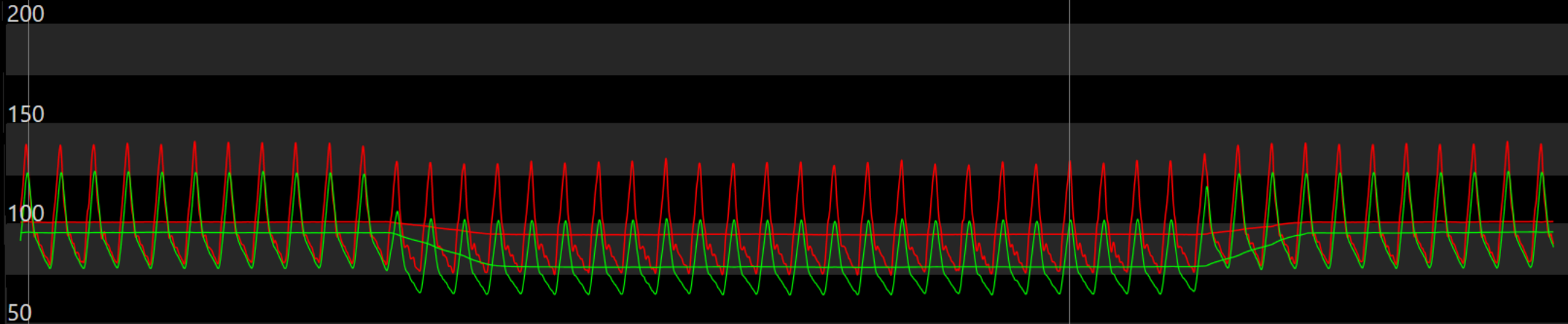
0,95

Stop
00:40



Recording: LCX Mid, Pre PCI, Ado IC

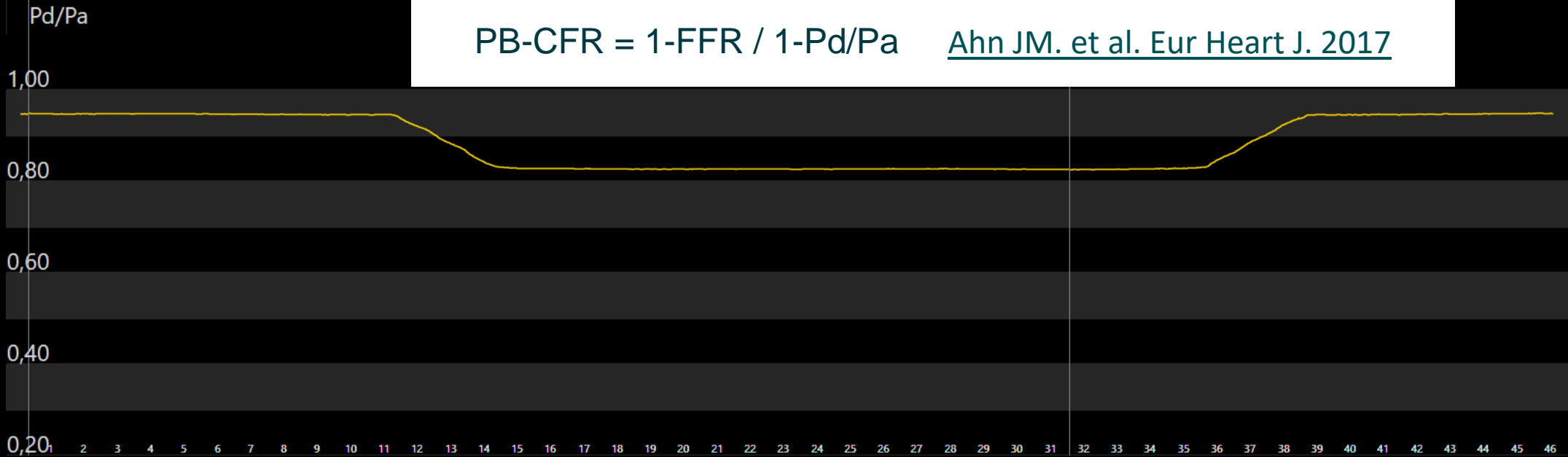
Wed 14:38:27



FFR	Pd	Pa
0,83	78	95
Pd/Pa	Pd	Pa
0,95	96	101
PB-CFR(max)		
3,43		

LCX Result, including PB-CFR

PB-CFR = $1 - \text{FFR} / 1 - \text{Pd/Pa}$ [Ahn JM. et al. Eur Heart J. 2017](#)



Recording list

Live