ARNAULT TZANCK
SAINT-LAURENT DU VAR

La microcirculation en routine

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Saint Laurent du Var

ARNAULT TZANCK
SAINT-LAURENT DU VAR

Outils de mesure de la microcirculation coronaire

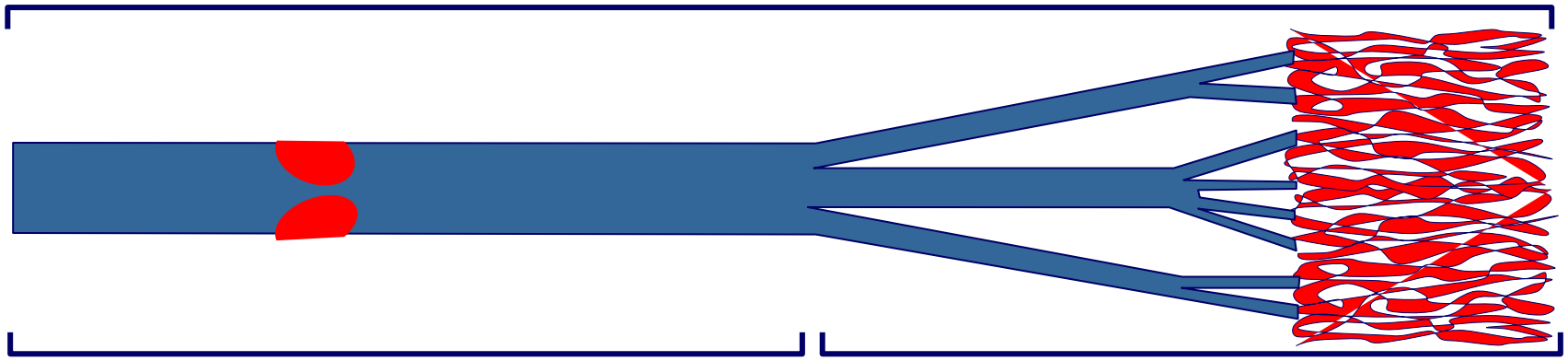
FFR

CFR

IMR

Outils de mesure de la microcirculation coronaire

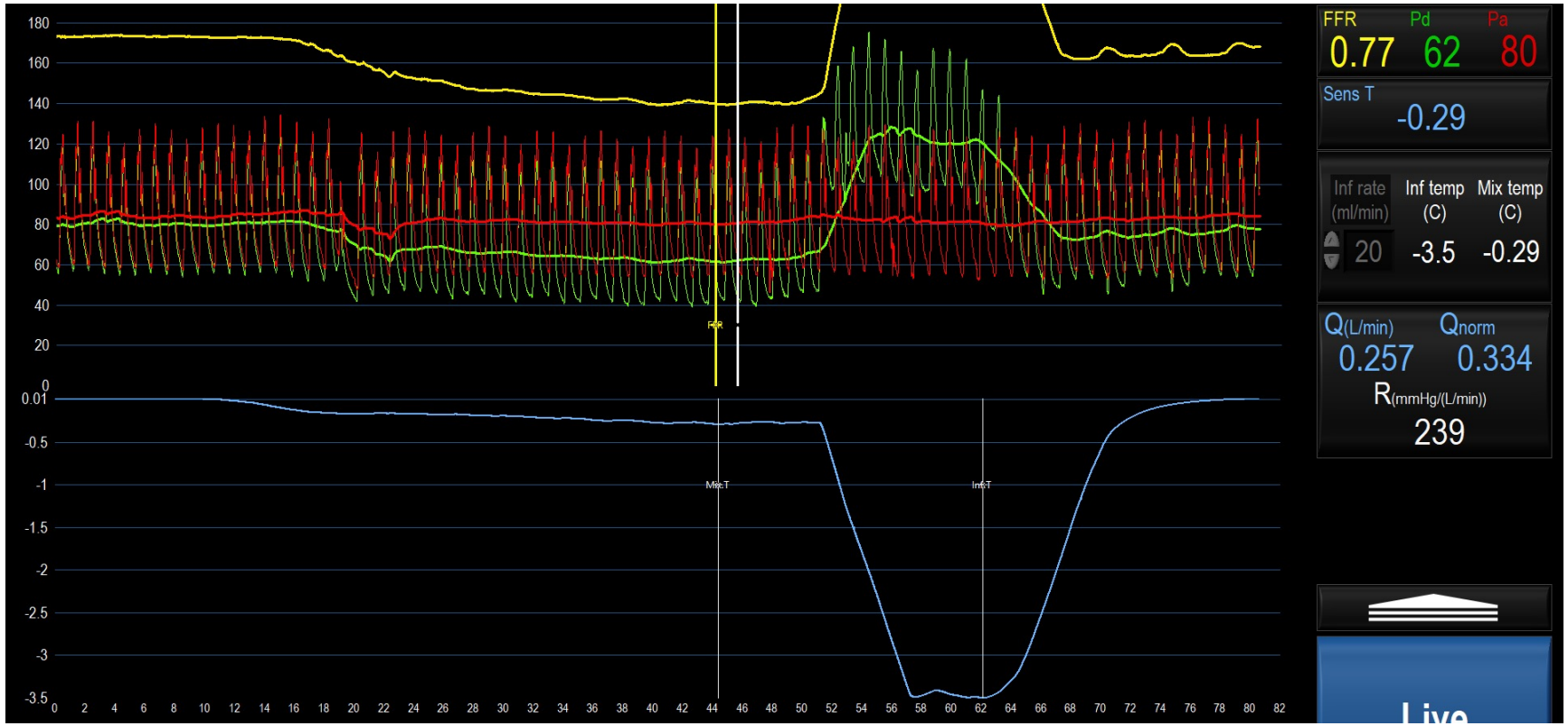
CFR



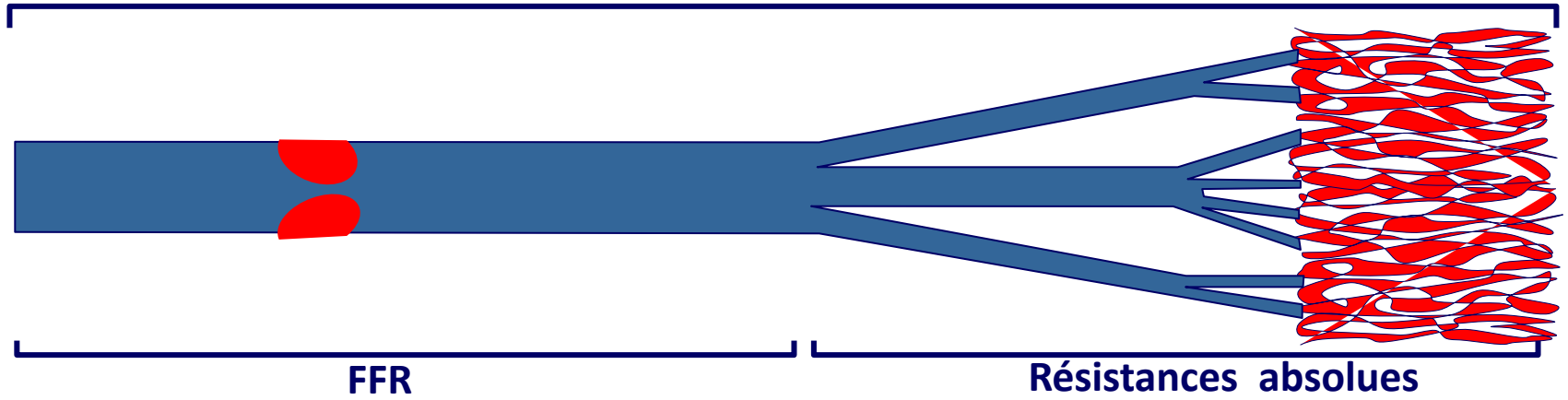
FFR

IMR

Flux absolu et resistances

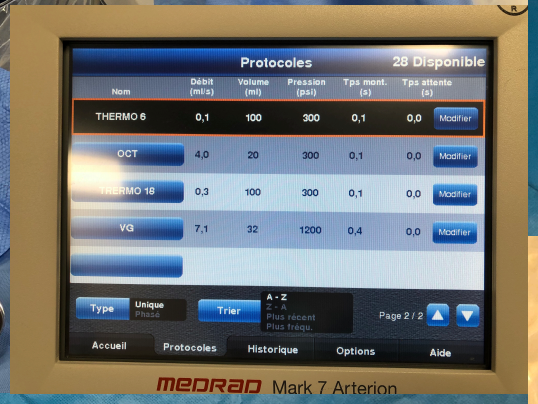


Débit max & Débit “repos”



En pratique

1



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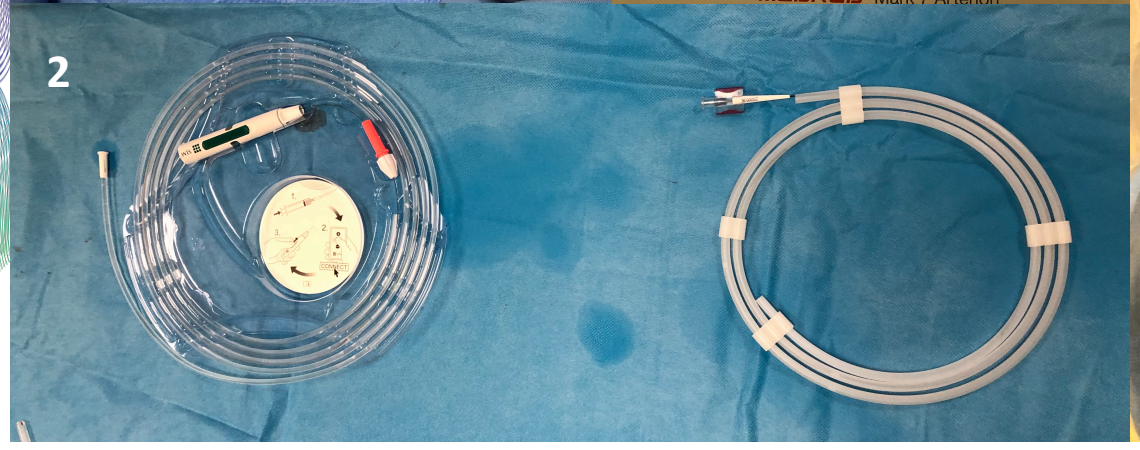

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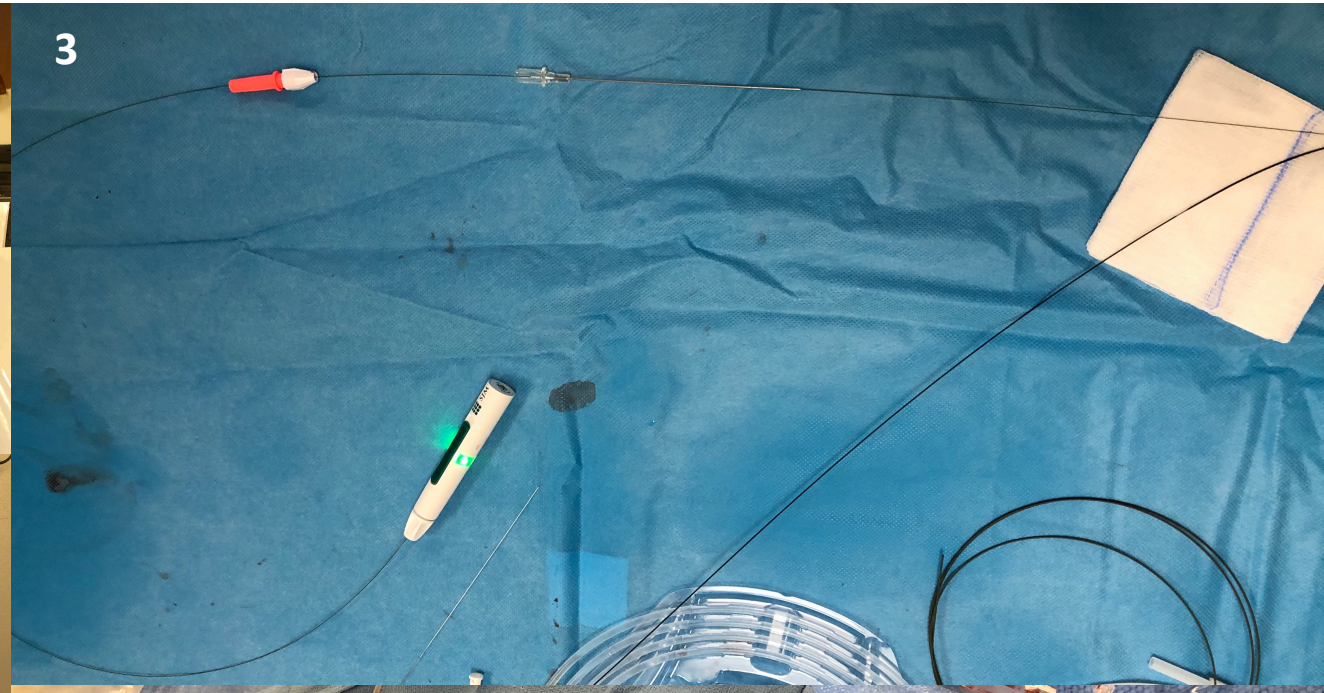
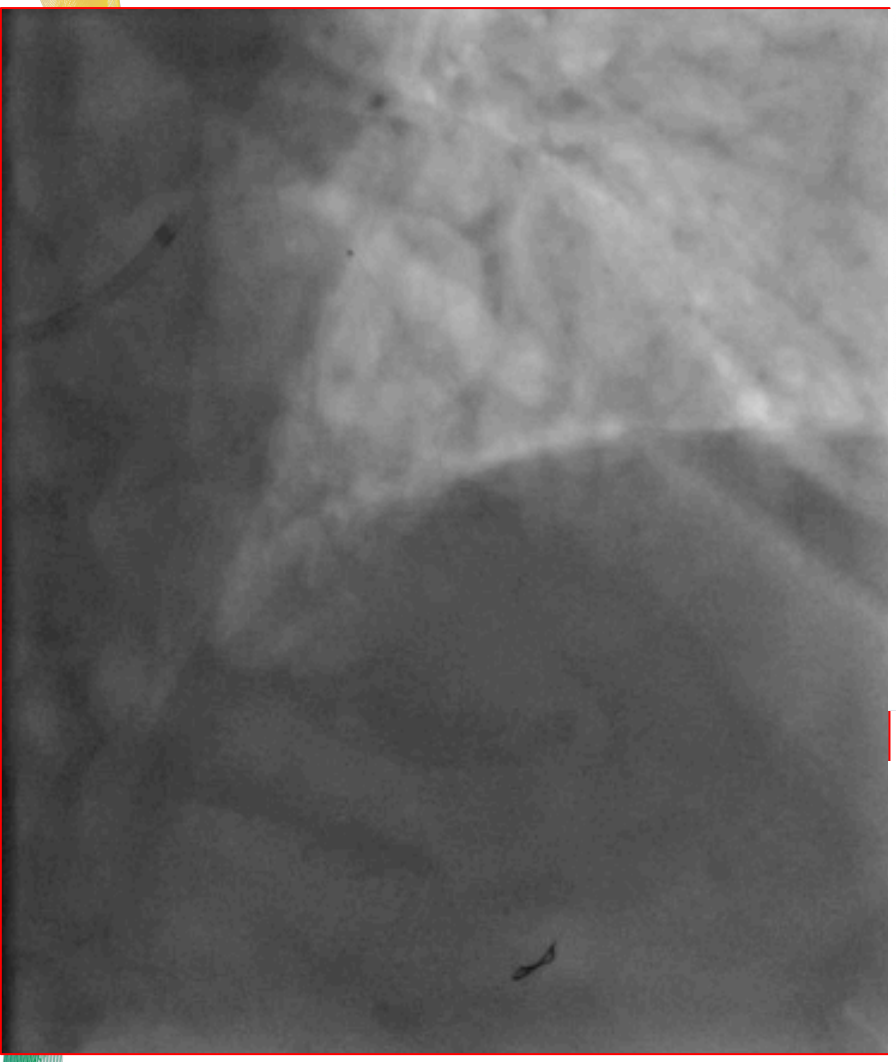
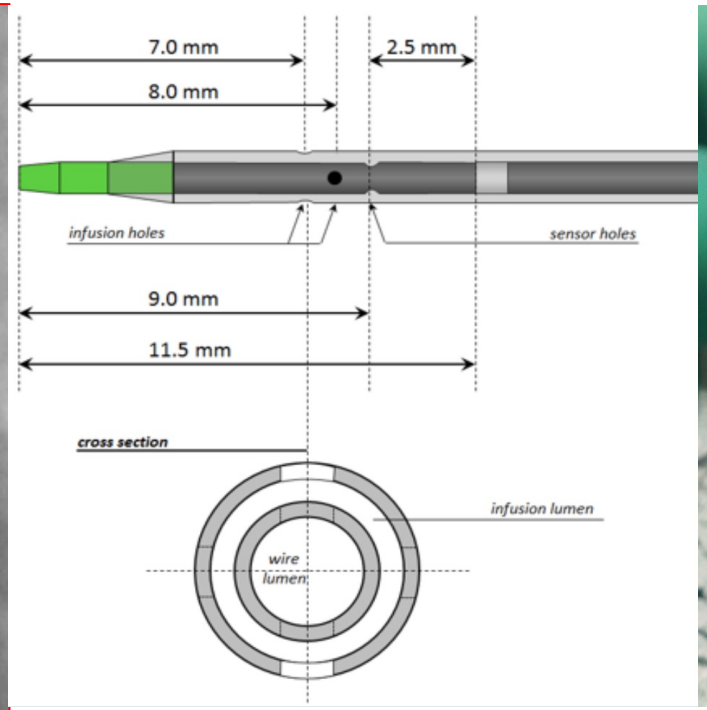
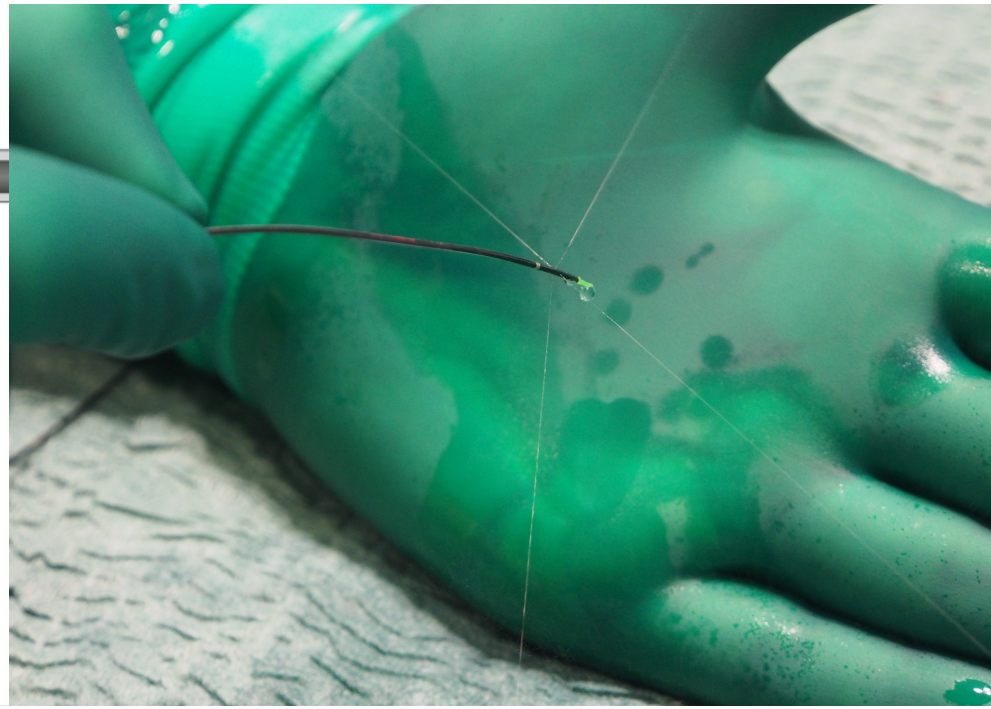


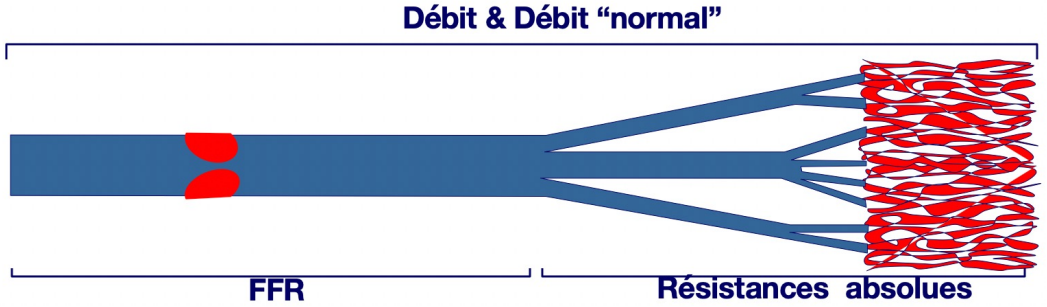
4

En pratique





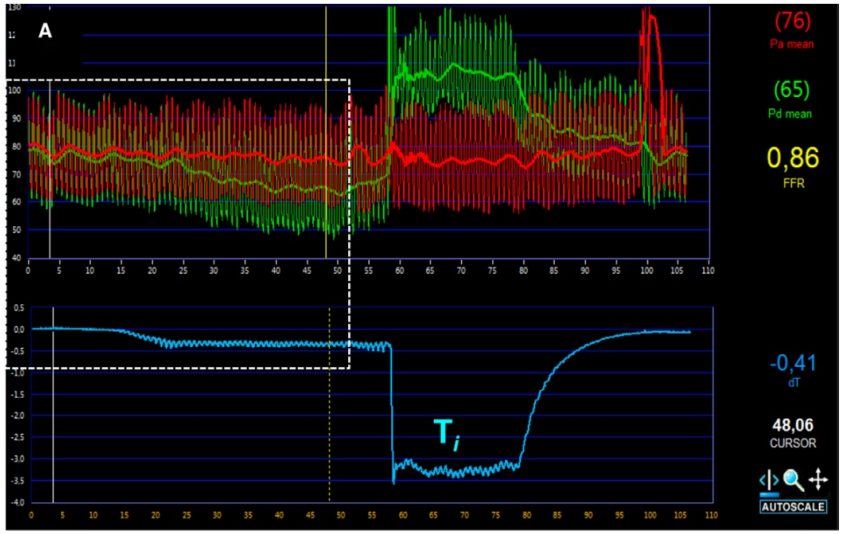


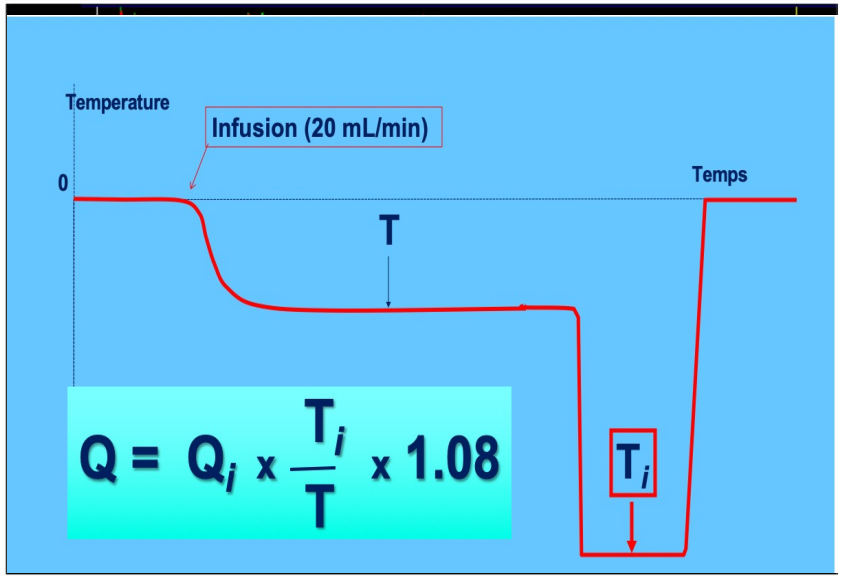


HEXACATH
Constructeur français depuis 23 ans

Evaluation de la microcirculation

Rayflow® effet hyperémiant et précision





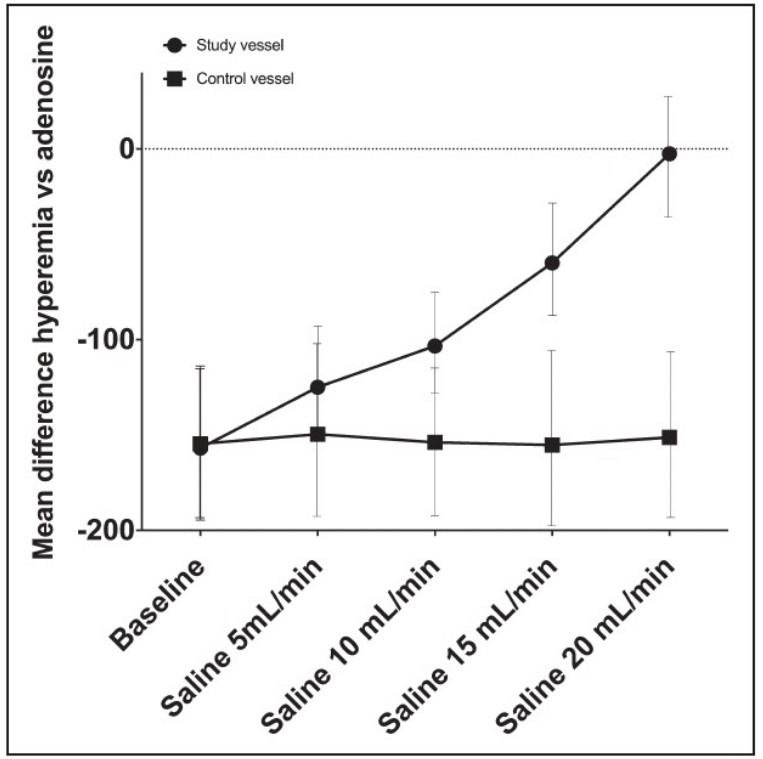
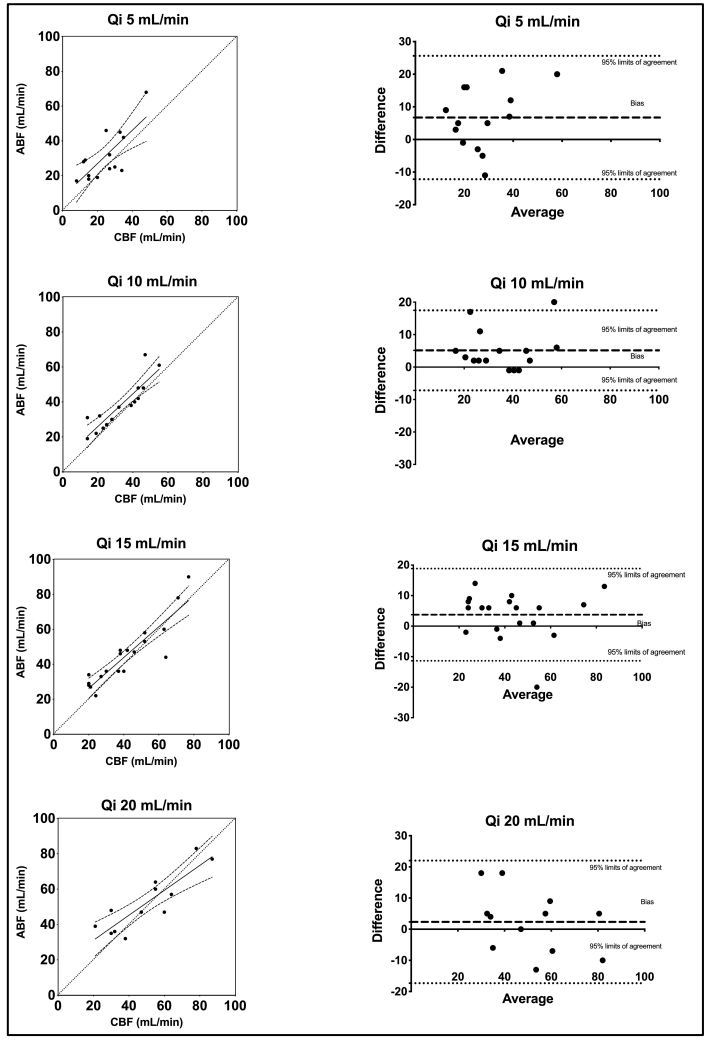


Figure 2. Hyperemic effect of saline infusion rates of 5, 10, 15, and 20 mL/min through the RayFlow catheter expressed in mean difference of percentage of change in absolute blood flow above the baseline as compared with hyperemia achieve with adenosine in the study vessel and in the control vessel.



De Bruyne et al. Circ Cardiovasc Interv. 2017;10:e004719.

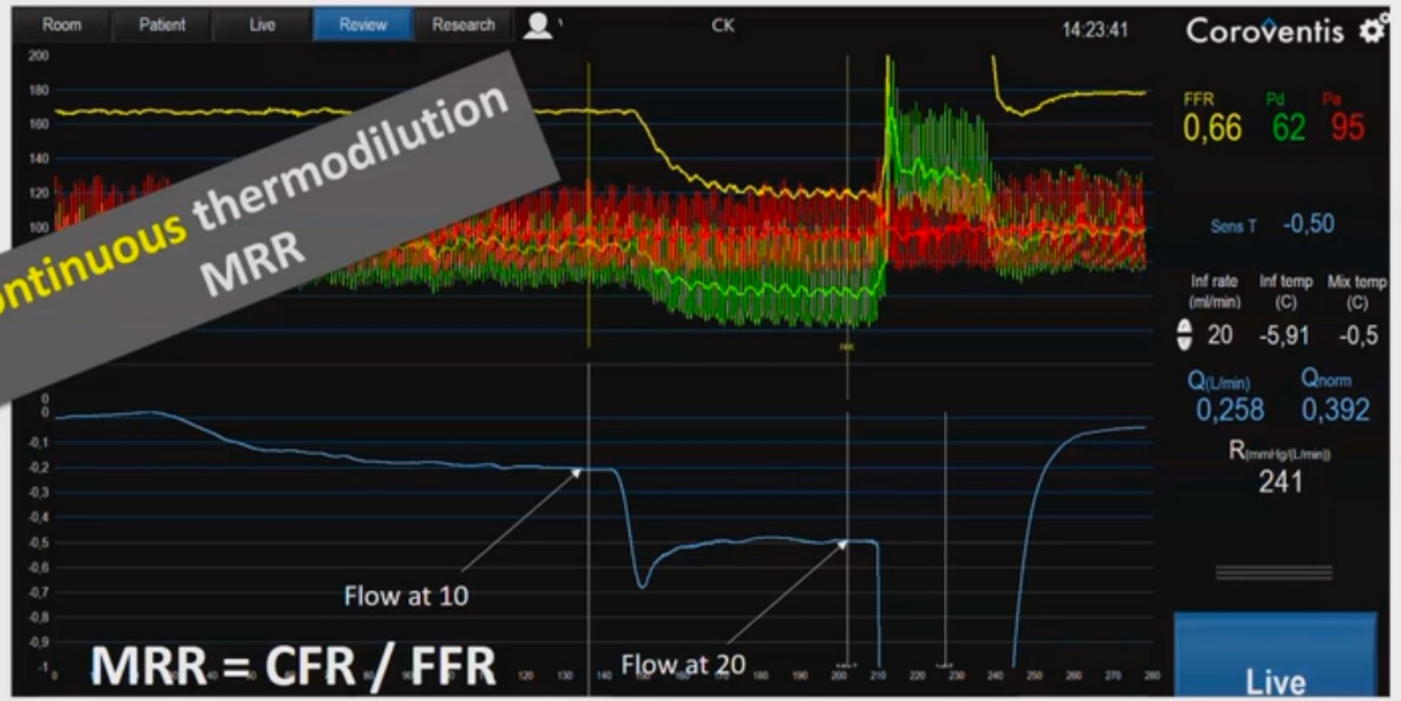
Adjedj et al. JAHA 2020;9(15):e015793.

Adjedj et al. accepted CCI 2021

ESC Andreas Grüntzig Lecture on Interventional Cardiology
A ballad of applied coronary physiology. From 50% diameter stenosis to FFR and MRR

MRR (Microvascular Resistance Reserve)

Cardiovascular Center OLV Aalst

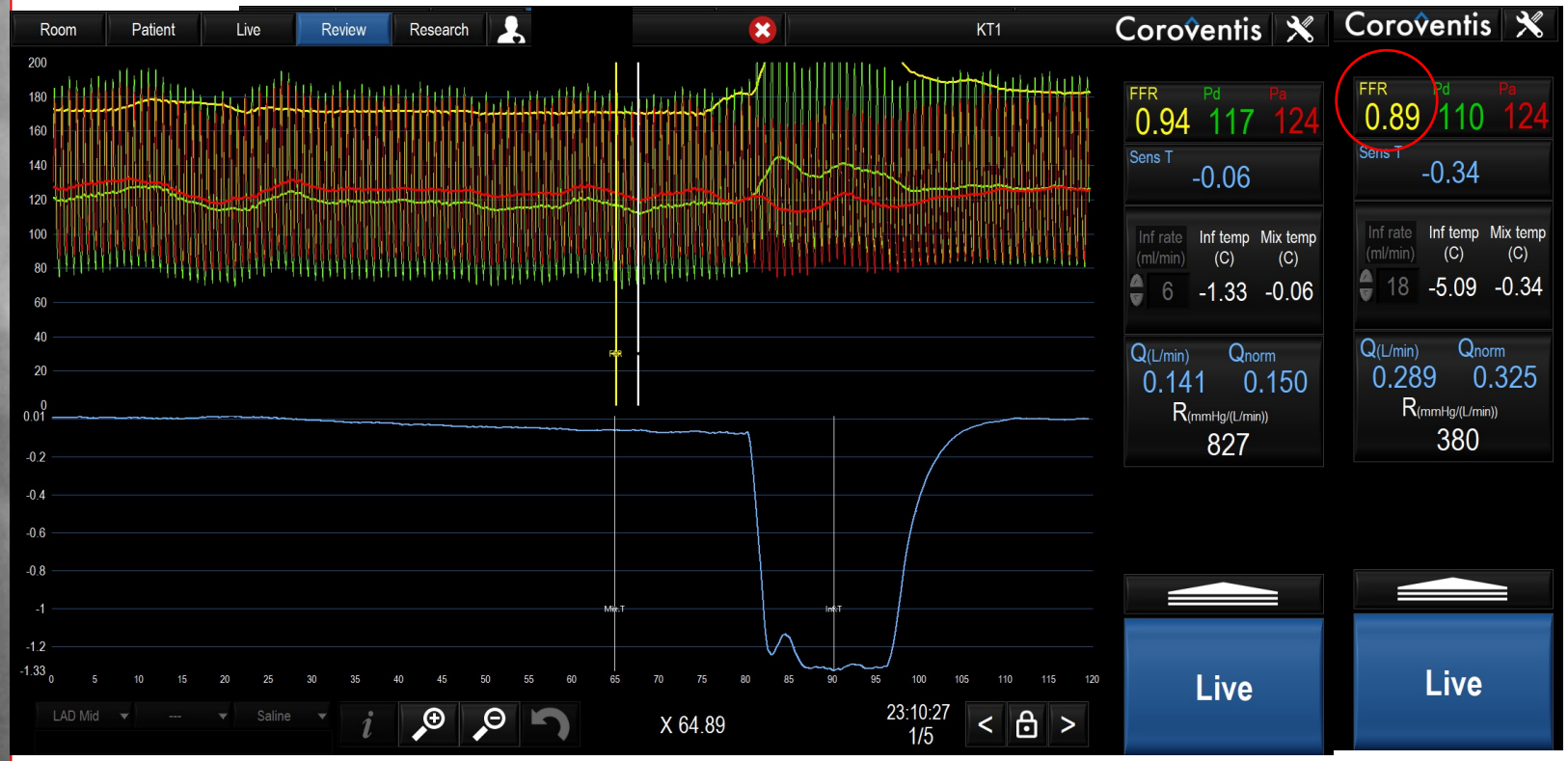


De Bruyne B and Pijls NHJ, 2020

Bernard De Bruyne, Belgium

Exemple

« Repos » Hyperémie



MRR = 2,25

Evaluation de la microcirculation


IMC=
5ft 2in
Dress size
14
5ft 4in
Dress size
18
5ft 8in
Dress size
12
5ft 11in
Dress size
12
6ft 1in
Dress size
10