

The logo for LINC (Lyon Institute of Neurological and Cognitive Sciences) features a stylized, abstract shape in red and orange, resembling a flame or a ribbon, set against a dark blue background.

LINC

The Piculet® recanalization device for peripheral CTO

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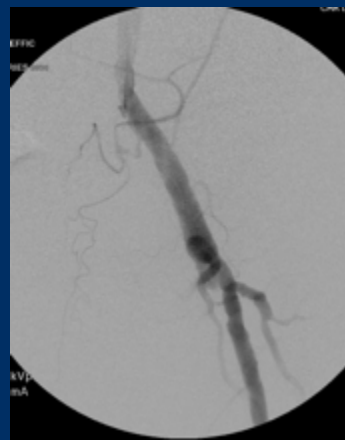
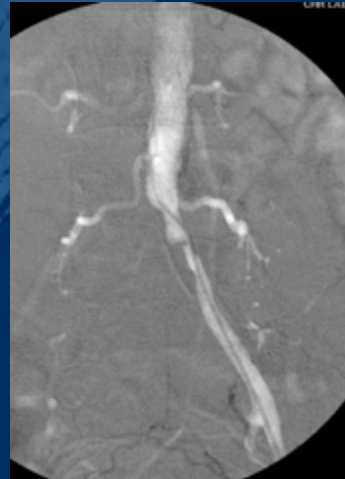
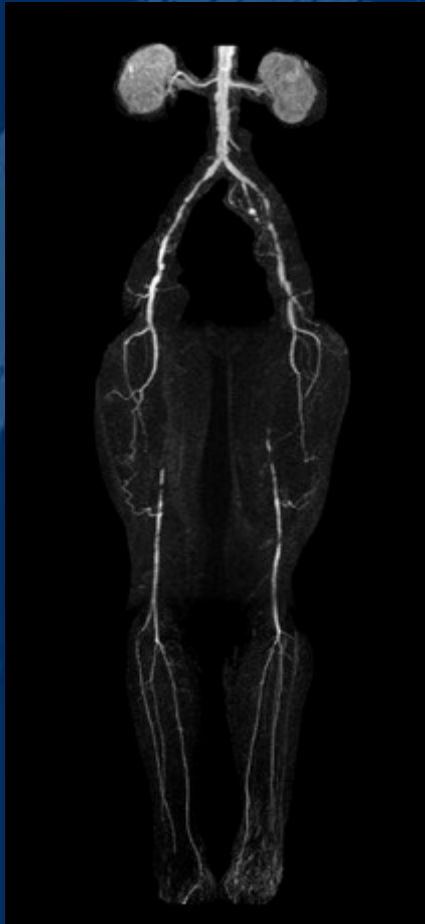
Potential conflicts of interest

Speaker's name: Yann Goueffic

I have the following potential conflicts of interest to report:

Consultant: COOK, MEDINOL, MEDTRONIC, PEROUSE.

TASC C and D ilio-femoral lesions: challenging cases



CLI by alteration of the re-entry

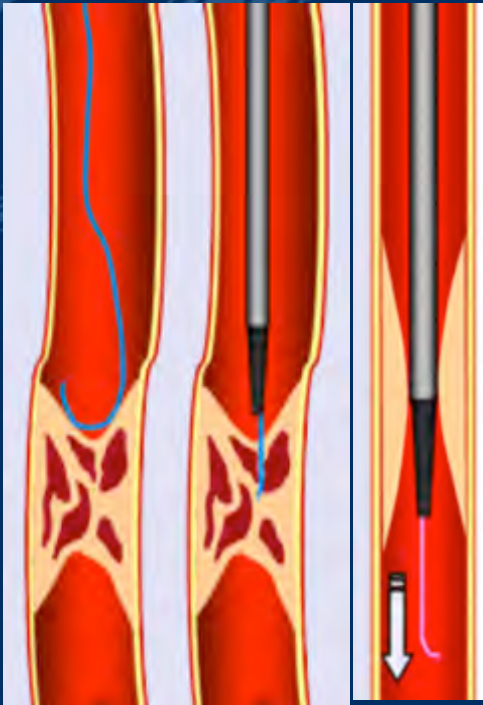
>15-cm

Popliteal involvement
Stenoses – occlusions
Calcifications

Entry / Re-entry
Intra and subintimal
Long balloons - stents

Intraluminal strategies for CTO

Intraluminal



First line of CTO devices for intraluminal recanalization

Support catheter + CTO guidewire

Second line of CTO devices for intraluminal recanalization

To improve crossing rates and crossing times

Non proved with a real advantage

- Frontrunner® (Cordis)
 - Enabler-P® (Endcross)
 - Wildcat® (Avinger)
 - Crosser® (Bard)
 - Excimer laser®(spectranetics)
- | Mechanical crossing devices
- | Radiofrequency
- | Laser

	SFA lesions (n, length)	Successful crossing (%)	Mean activation time (min)	Mean fuoroscopy time (min)
Frontrunner®	26 - 17.6 cm	65	/	22.9
Enabler-P®	37 – 8.6 cm	86	5.3	/
Wildcat®	88 – 174 cm	89	22.1	
Crosser®	12 – 26 cm	75	4	/
Excimer®	452 - 25.5 cm	85.5	/	/



PICULET™

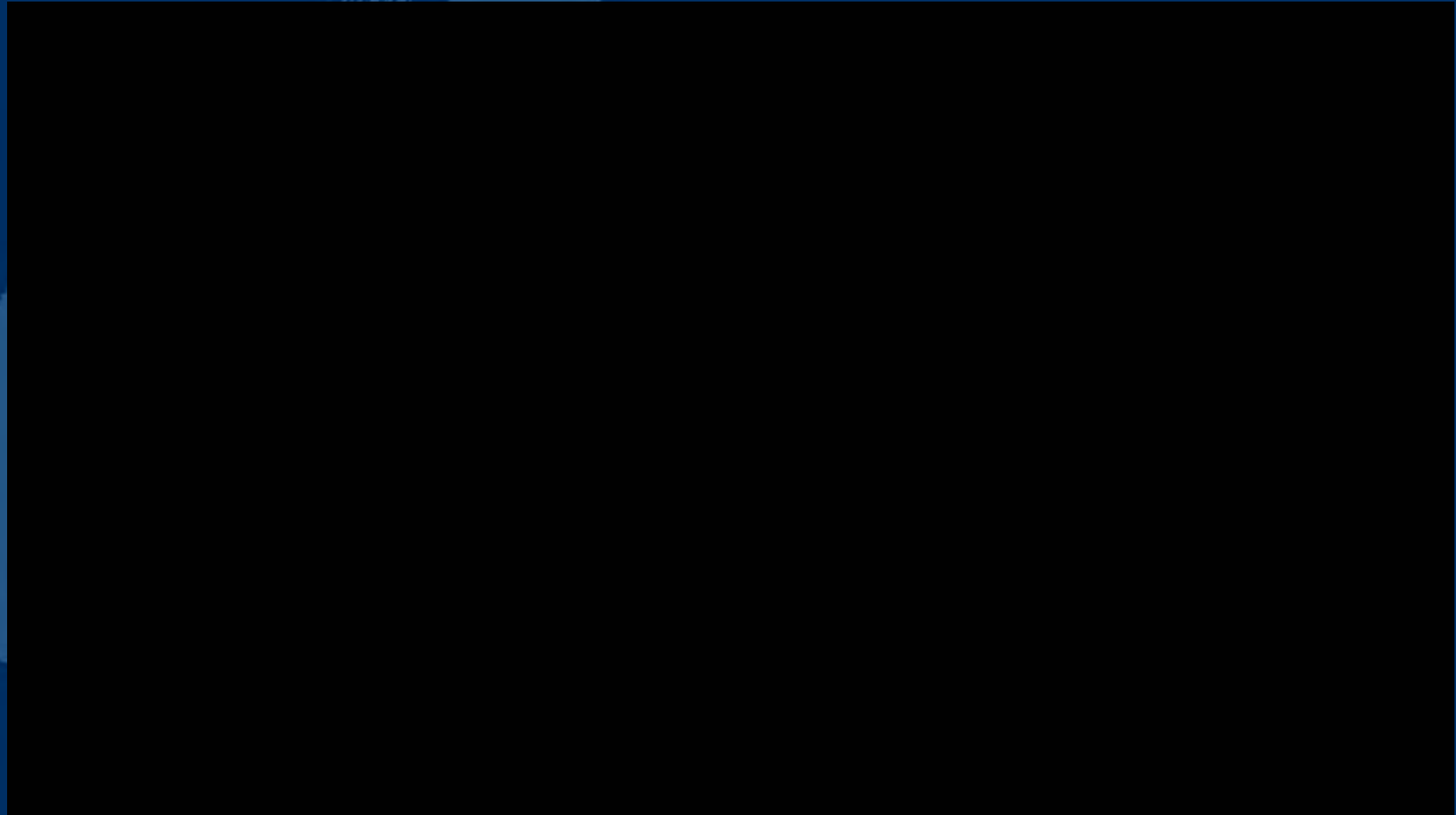
To deliver a high-frequency hammering force to a guide wire via a metallic catheter tip, thereby breaking calcific CTOs in the peripheral vasculature and creating “true-lumen” recanalization



6F compatible catheter
Ergonomic handle
90-130 cm working length
OTW catheter
Radioopaque tip

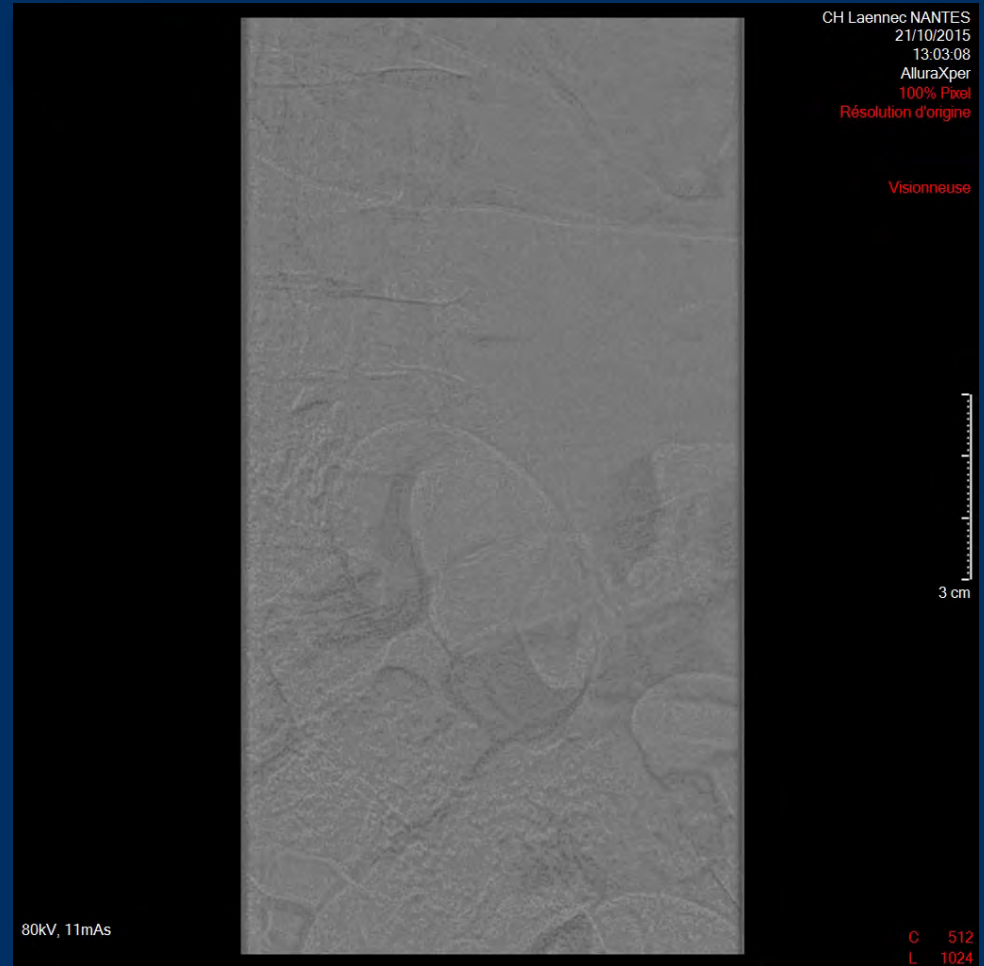
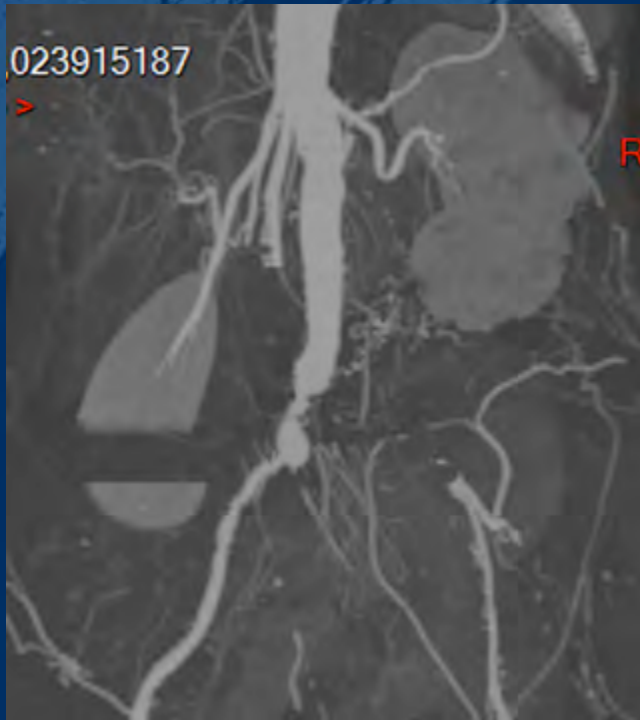


Adjustable
amplitude and
frequency



De novo iliac occlusion

Left iliac chronic total occlusion



Left retrograde femoral approach

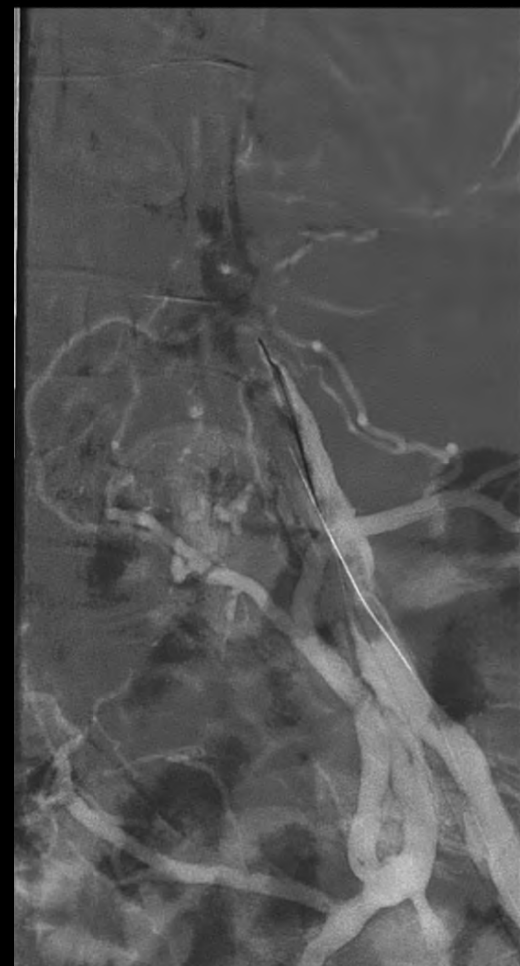
CH Laennec NANTES
21/10/2015
13:03:08
AlluraXper
100% Pixel
Résolution d'origine

Visionneuse



3 cm

C 508
L 640



CH Laennec NANTES
21/10/2015
13:03:08
AlluraXper
100% Pixel
Résolution d'origine



Visionneuse



80kV, 5mAs

C 512
L 1024

ISR femoropopliteal occlusion



CH Laennec NANTES
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100% Pixel
Résolution d'origine

Visionneuse

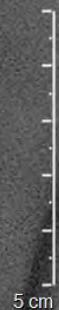


C 498
L 683



CH Laennec NANTES
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AlluraXper
100% Pixel
Résolution d'origine

Visionneuse



C 508
L 640

CH Laennec NANTES
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Résolution d'origine

Visionneuse



C 508
L 640

CH Laennec NANT
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Résolution d'origine

Visionneuse

1

C 508
L 640

CH Laennec NANTES
21/12/2015
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Résolution d'origine

Visionneuse



10 cm

63kV

C 498
L 683

Take home messages

- Piculet is easy to use and promoting CTO device in a first line or a second line strategy after failure of regular CTO repair
- Efficacy in term of technical success, procedure, duration and cost should be prospectively compared to first line of CTO devices

The LINC logo features a stylized graphic of a red and orange curved shape resembling a flame or a ribbon, positioned above the letters 'LINC' in a white, sans-serif font.

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