

# LA LITHOTRIPIE ENDOVASCULAIRE

## COMMENT ÇA MARCHE ?

Avec le soutien institutionnel de

# Le matériel

*Ballon de 12mm semi-compliant*

*Marqueurs radio-opaques Proximal et Distal*

*2 émetteurs*



**Emetteur**

1 pulse/s – Cycle de 10 pulses  
Max 80 pulses

**Cathéter**

6 Fr sur 0.014"

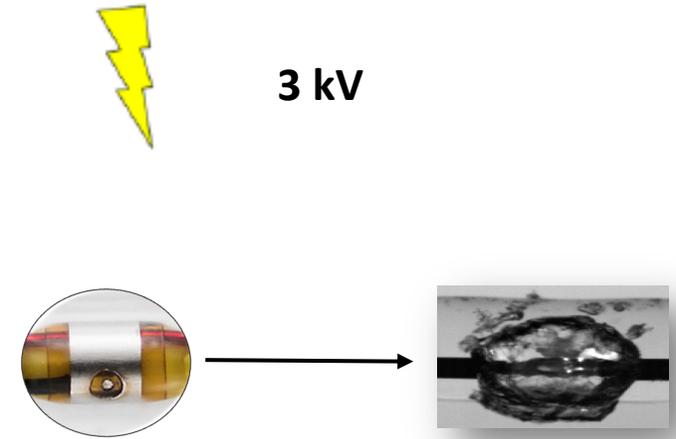
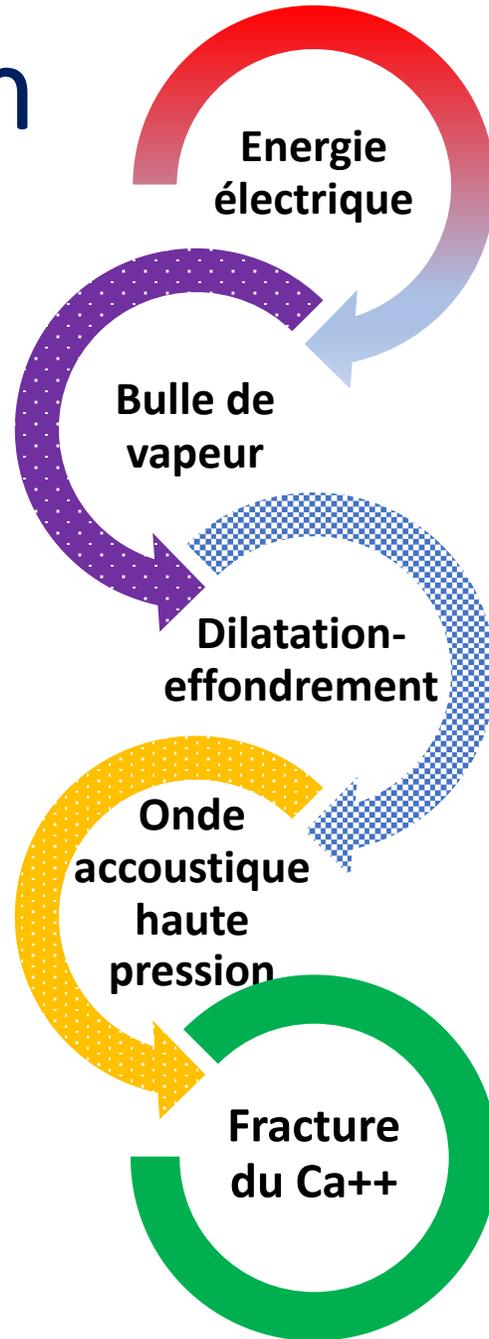
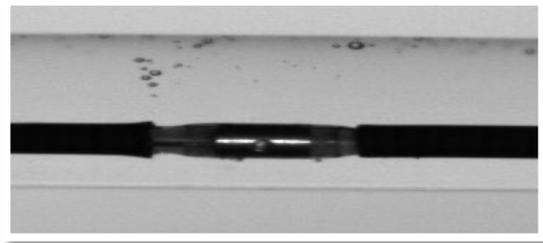


**Générateur**  
Rechargeable / secteur

**Connecteur**  
Plug magnétique

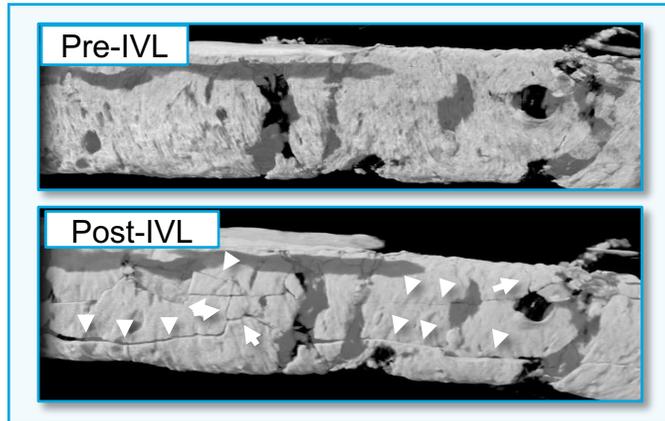


# Mécanisme d'action



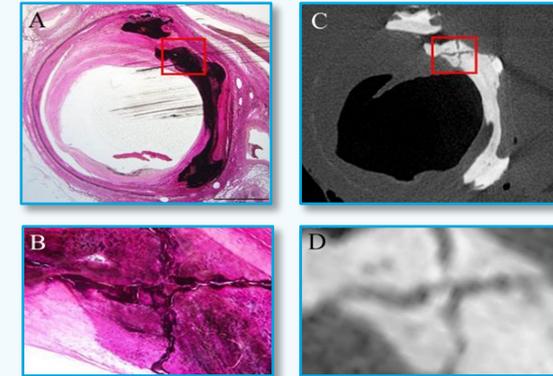
≈ 50 ATM  
Profondeur: 3 – 7 mm

# Résultats: les micro-fractures



Cadaveric Superficial Femoral Artery (Micro CT)

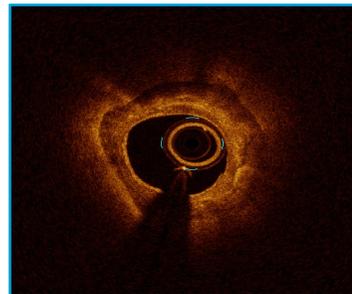
Histology (A,B) — Micro CT (C,D)



Courtesy: Renu Virmani

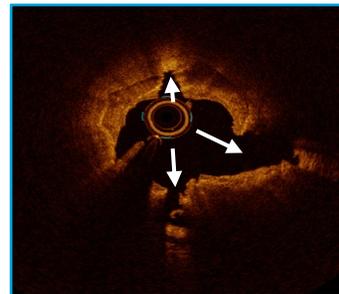
Histologic & Micro CT after IVL Treatment (SFA)

Pré-procédure



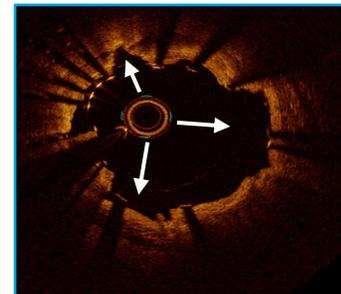
Lumen Area: 1.69 mm<sup>2</sup>

Post-IVL



Lumen Area: 4.58 mm<sup>2</sup>

Post-stent

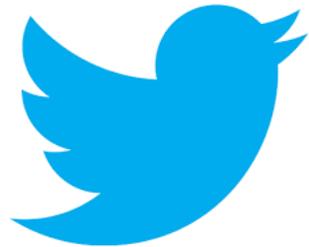


Lumen Area: 9.51 mm<sup>2</sup>  
Stent Area: 8.01 mm<sup>2</sup>





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