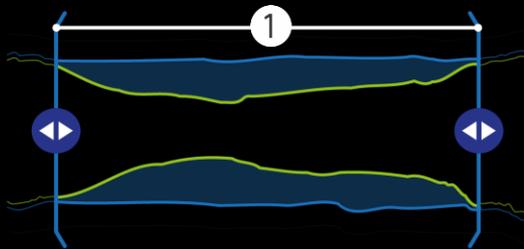


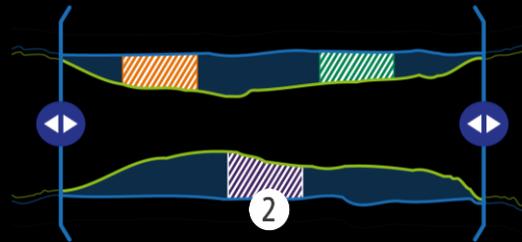
IVUS 1 2 3
E S S E N T I A L S

Quels sont les problèmes à résoudre ?

1 | Déterminer la longueur de la lésion afin de couvrir adéquatement la plaque

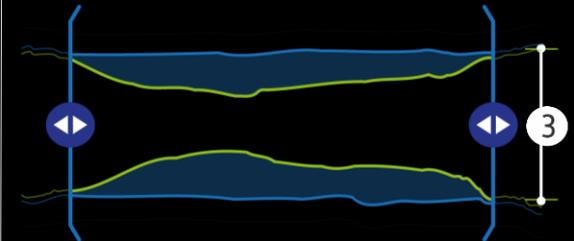


2 | Déterminer la nature de la plaque et la nécessité d'un outil de modification de la plaque, avant l'implantation du stent.



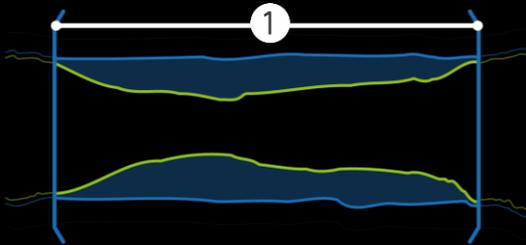
- Lipidique?
- Fibreuse?
- Calcifiée?

3 | Déterminer le diamètre du vaisseau, et du stent nécessaire

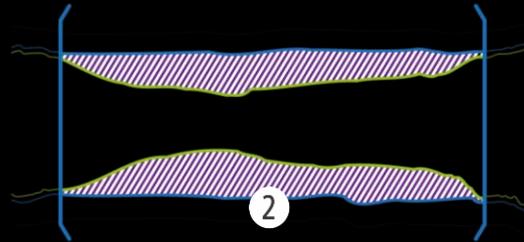


Etapes avant l'implantation du stent

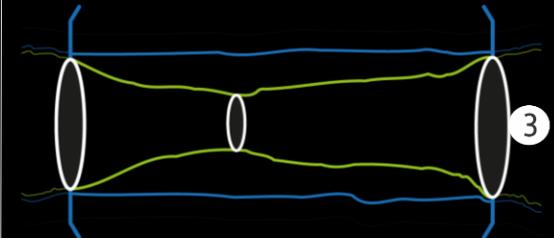
1 | Déterminer la longueur de la lésion et définir les zones d'atterrissage



2 | Évaluer la morphologie de la plaque

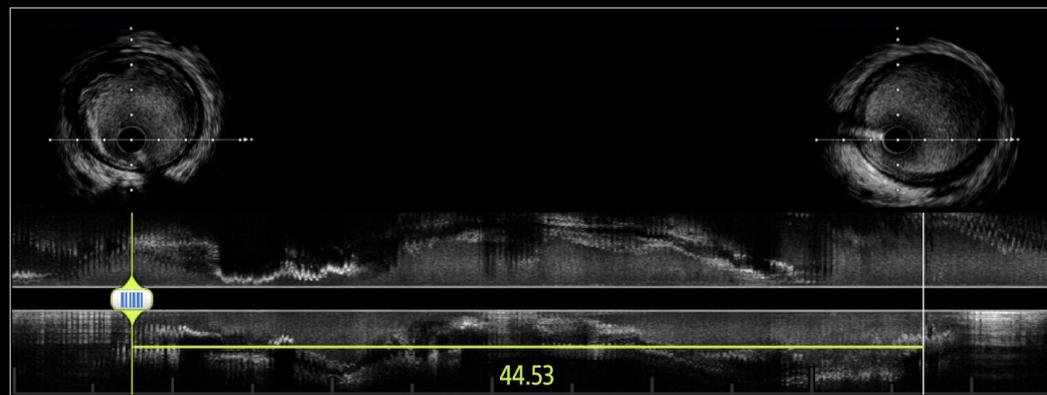
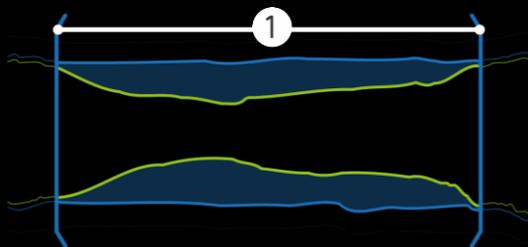


3 | Mesurer la taille du vaisseau



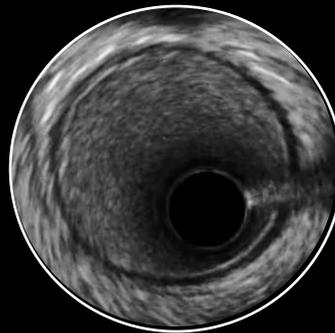
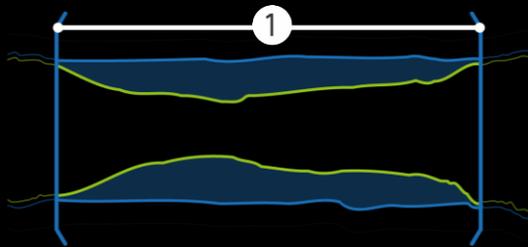
Etapas avant l'implantation du stent

- 1 | Déterminer la longueur de la lésion et définir les zones d'atterrissage

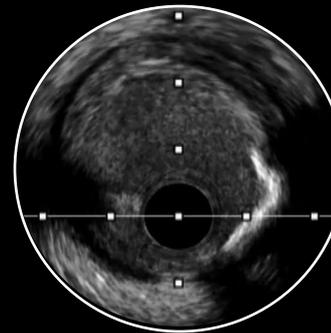


Etapes avant l'implantation du stent

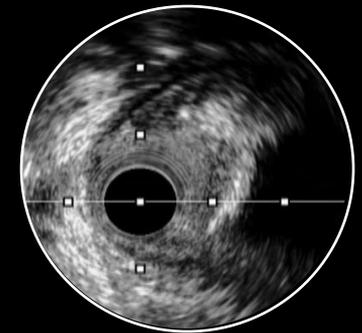
- 1 | Déterminer la longueur de la lésion et définir les zones d'atterrissage



Artère normale



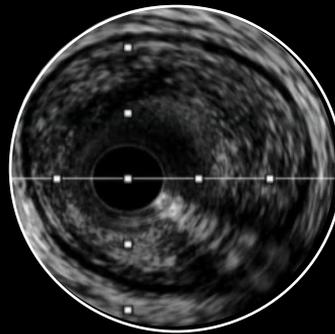
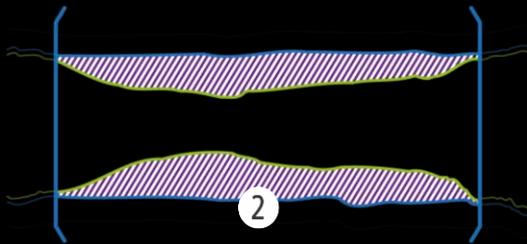
Plaque burden* <50%



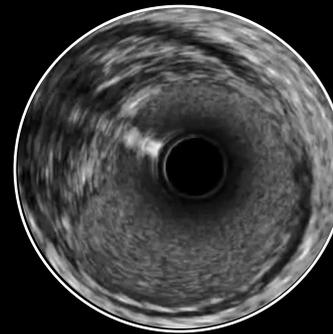
Artère pathologique

Etapas avant l'implantation du stent

2 | Évaluer la morphologie de la plaque



Lipidique



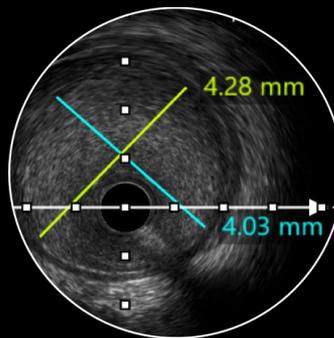
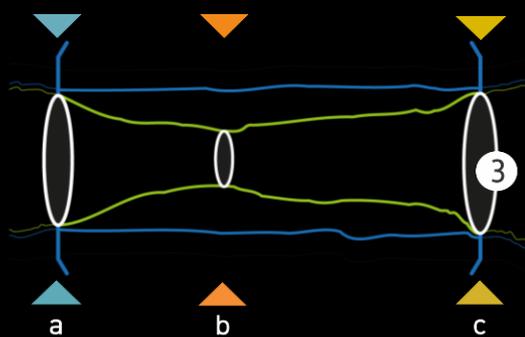
Fibreuse



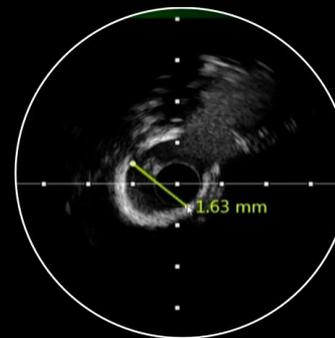
Calcifiée

Etapes avant l'implantation du stent

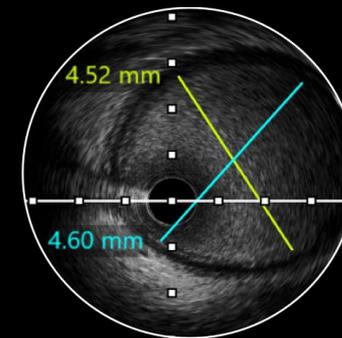
3 | Mesurer la taille du vaisseau



a Distal



b Sténose



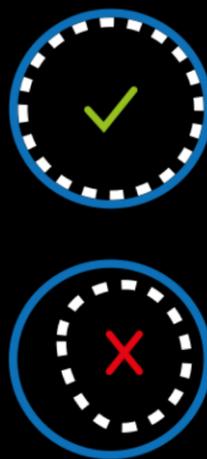
c Proximal

Etapas après l'implantation du stent

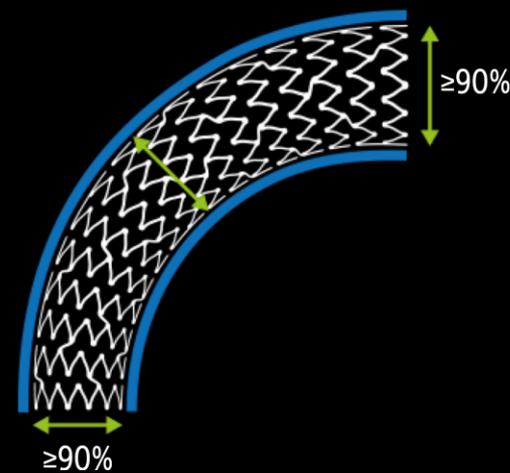
1 | Identifier la présence de geographic miss* (a) ou de dissection du bord



2 | Vérifier l'apposition du stent

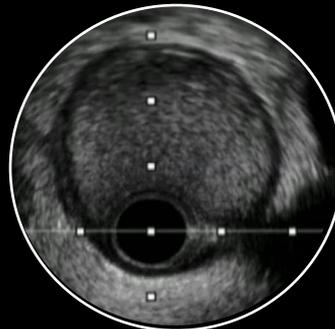


3 | Vérifier l'expansion du stent

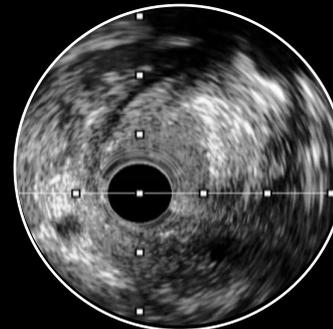


Etapas après l'implantation du stent

1 | Identifier la présence de *geographic miss** (a) ou de dissection du bord



Zone d'atterrissage optimale



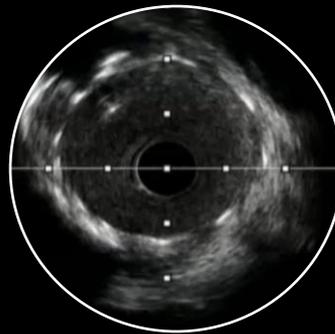
*Geographic miss**
(a)



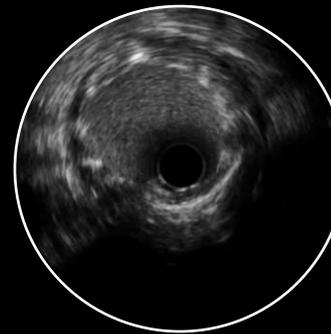
Dissection du bord
(b)

Etapas après l'implantation du stent

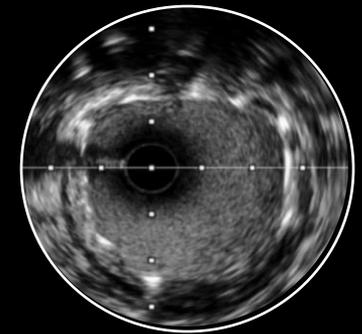
2 | Vérifier l'apposition du stent



✓ Apposé



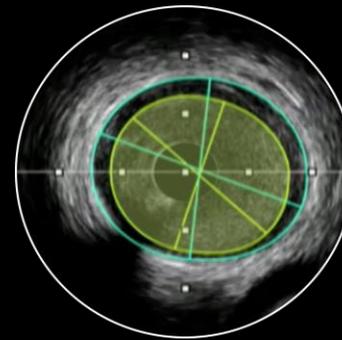
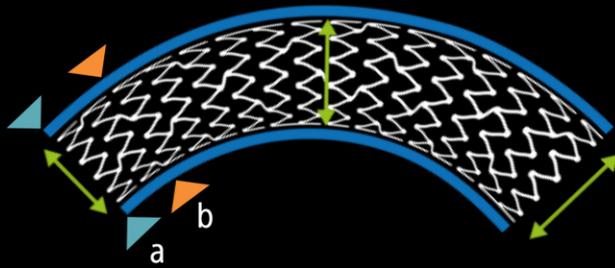
✗ Mal-apposé



Branche fille

Etapes après l'implantation du stent

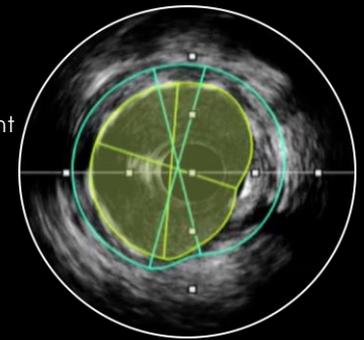
3 | Vérifier l'expansion du stent



a Surface luminale distale de référence

Expansion du stent

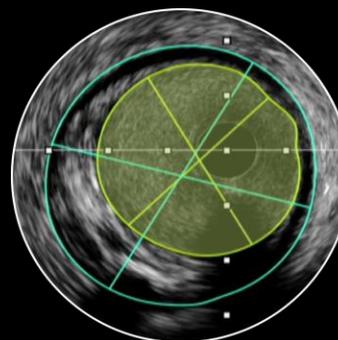
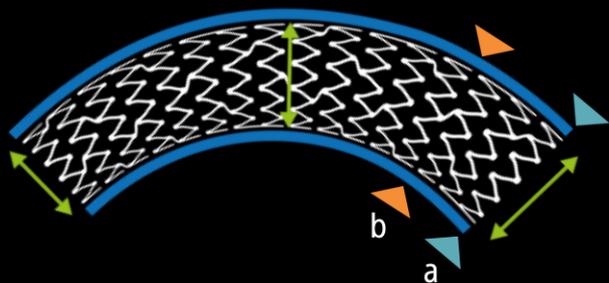
93%



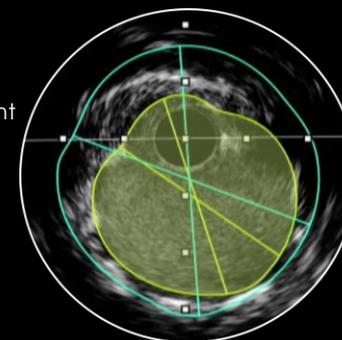
b Surface stentée*

Etapes après l'implantation du stent

3 | Vérifier l'expansion du stent



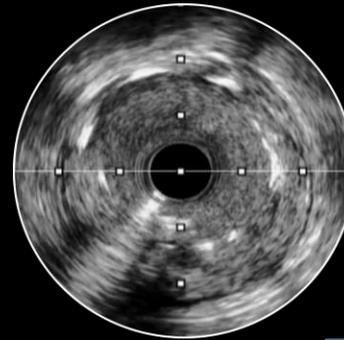
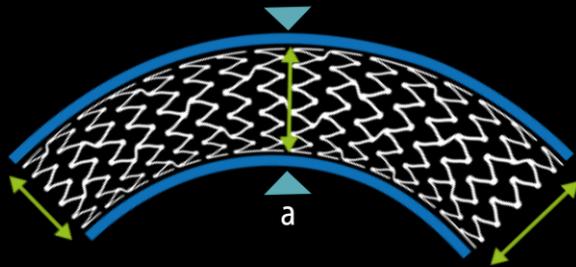
a Surface luminale proximale de référence



b Surface stentée*

Etapes après l'implantation du stent

3 | Vérifier l'expansion du stent



a Sous-expansion

