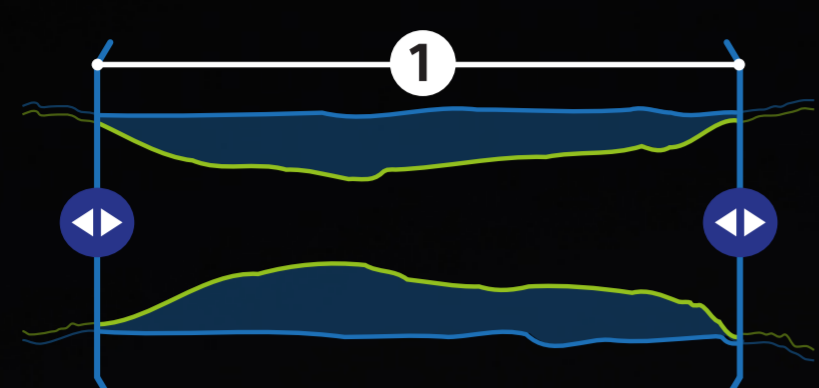


IVUS 1 2 3

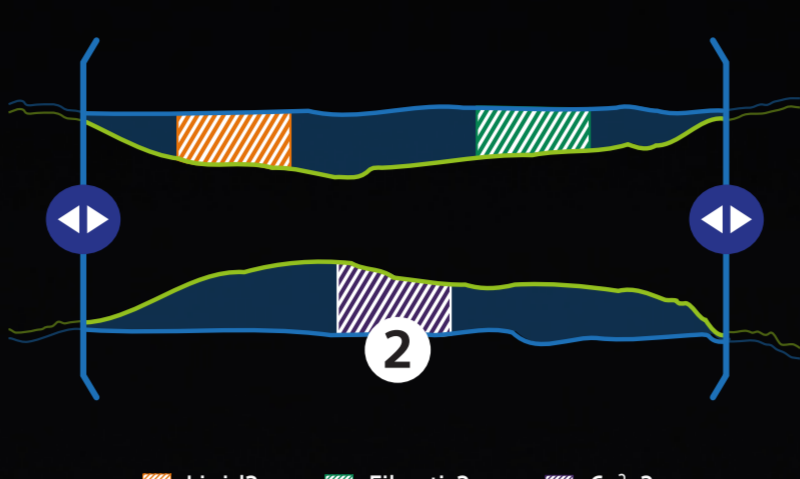
ESSENTIALS

1 What are the problems to be solved?

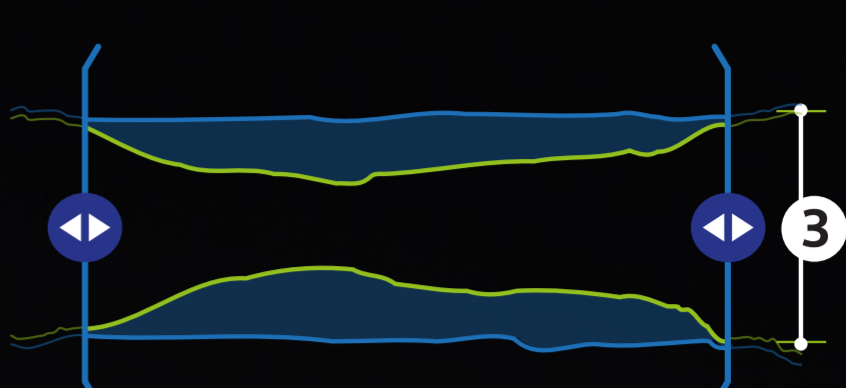
1 How long is the lesion to safely cover the plaque?



2 What is the plaque type and does it need modification prior to stenting?

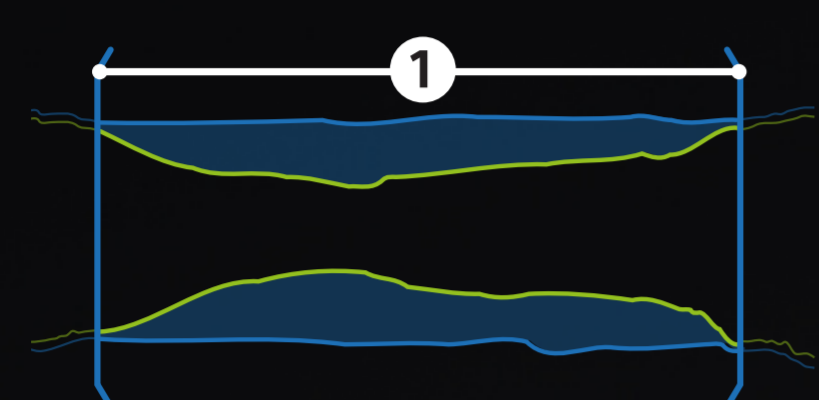


3 What is the vessel size and what sized stent is required?

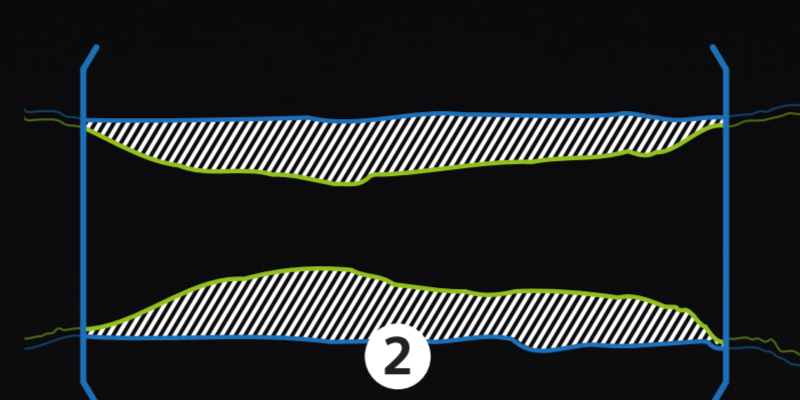


2 Pre-stent workflow

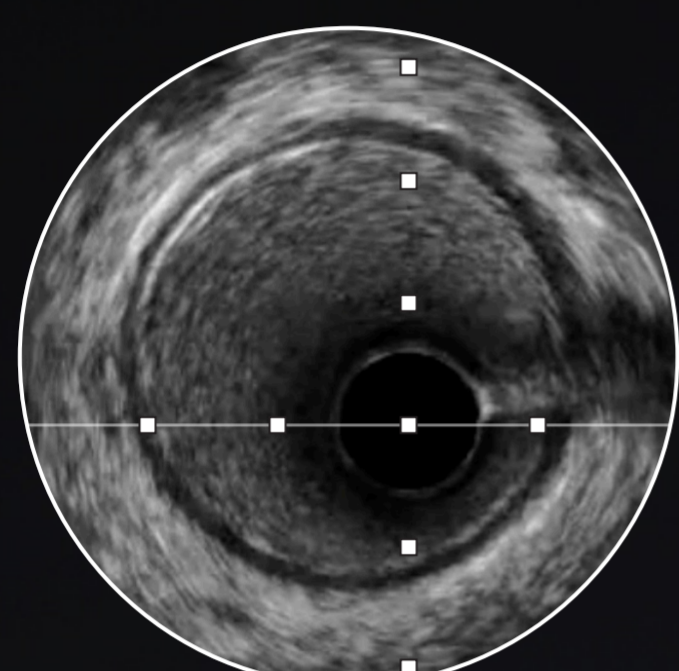
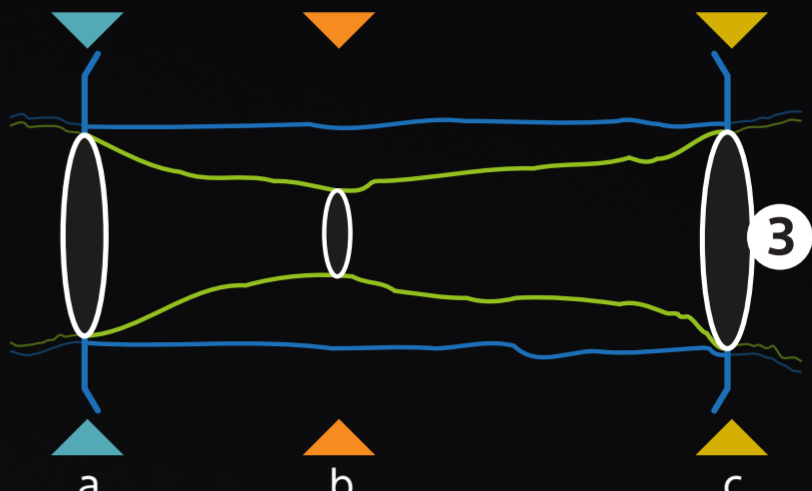
1 Establish lesion length and define landing zones



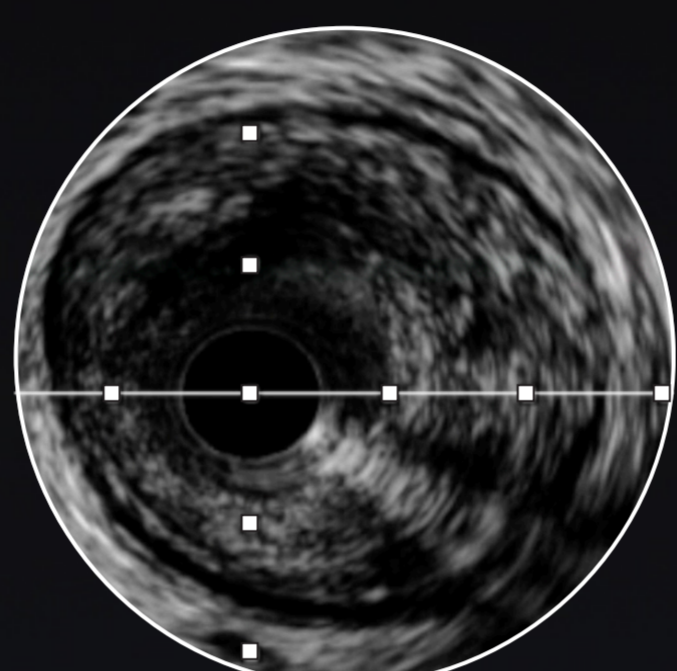
2 Assess plaque morphology



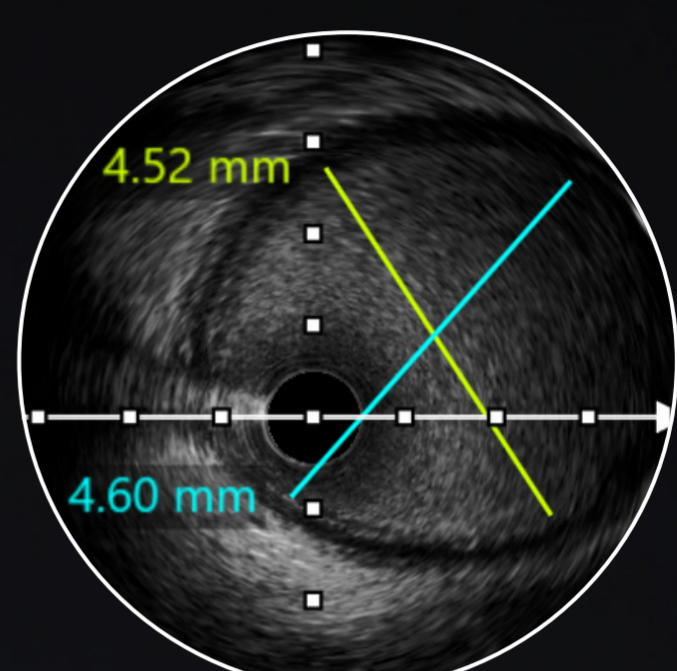
3 Measure the vessel size



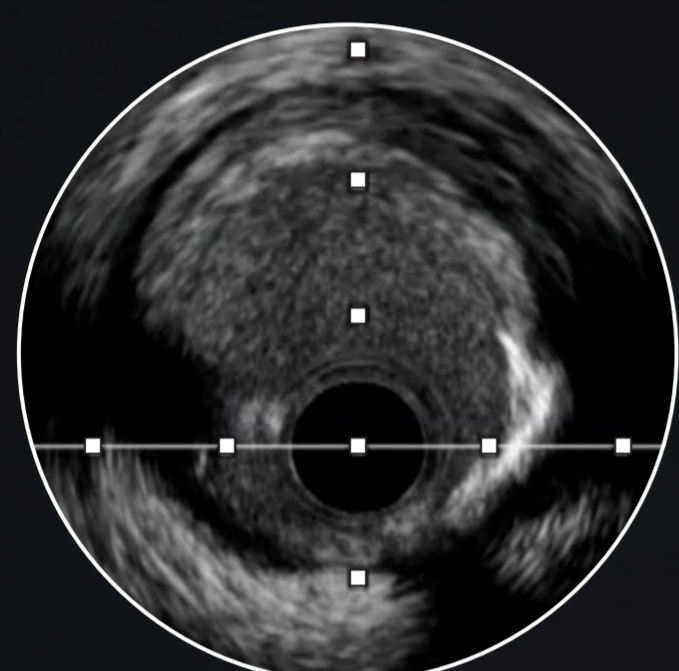
Normal



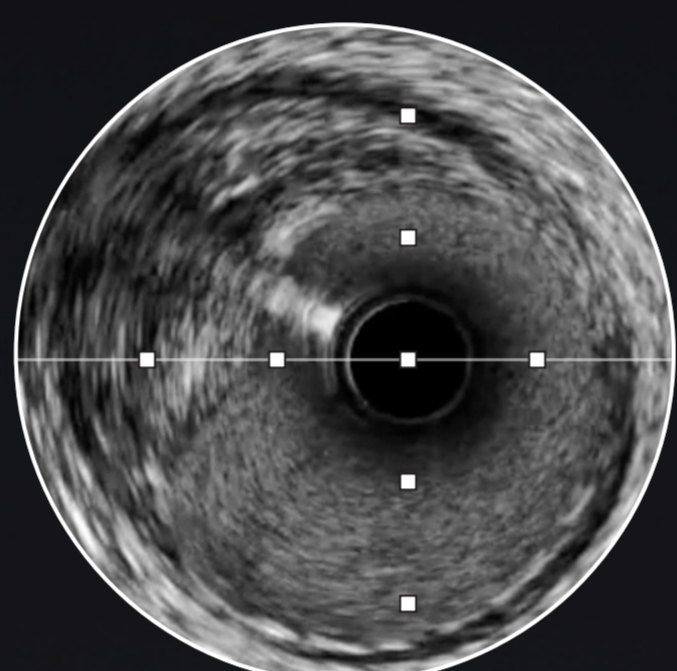
Lipidic



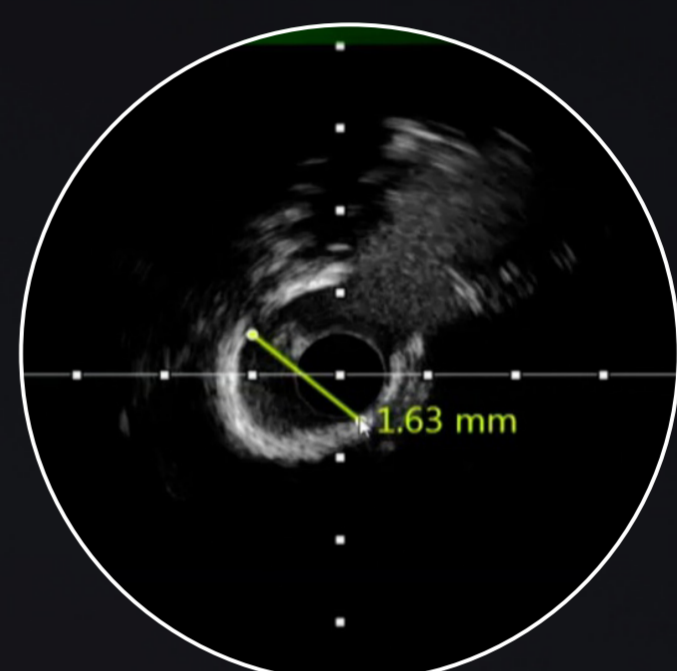
a Distal



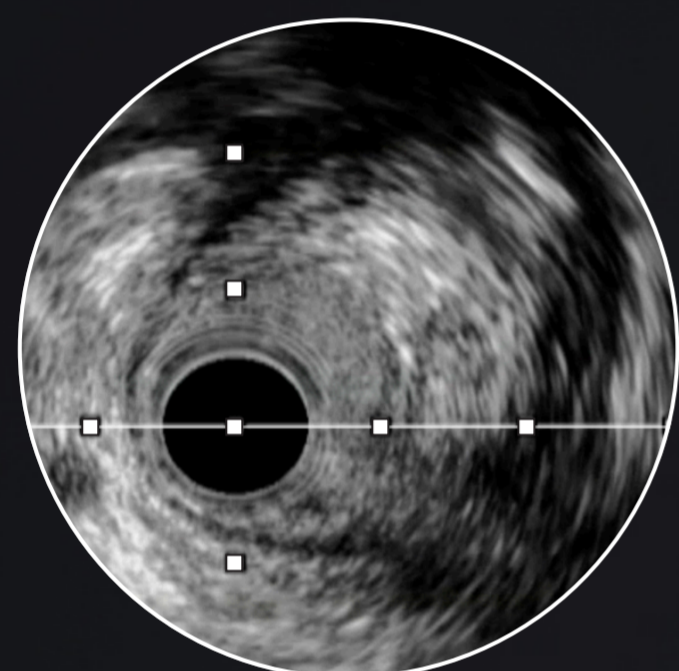
<50% Plaque burden



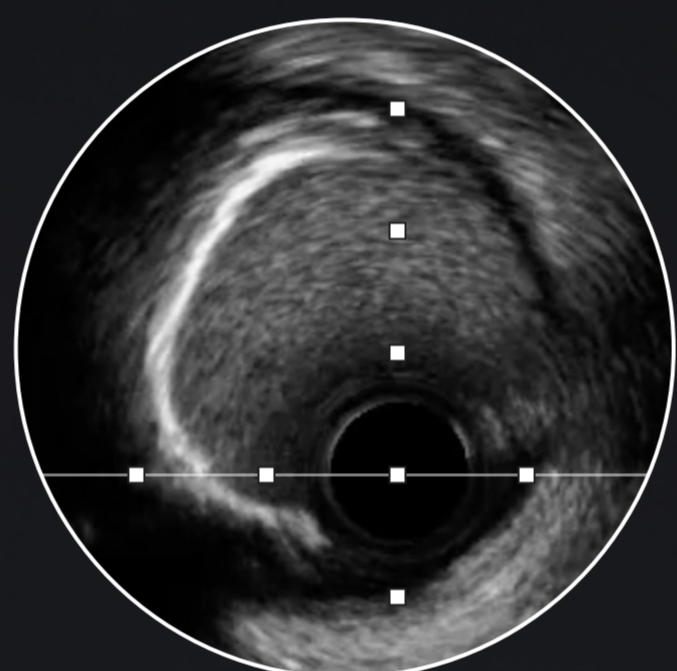
Fibrotic



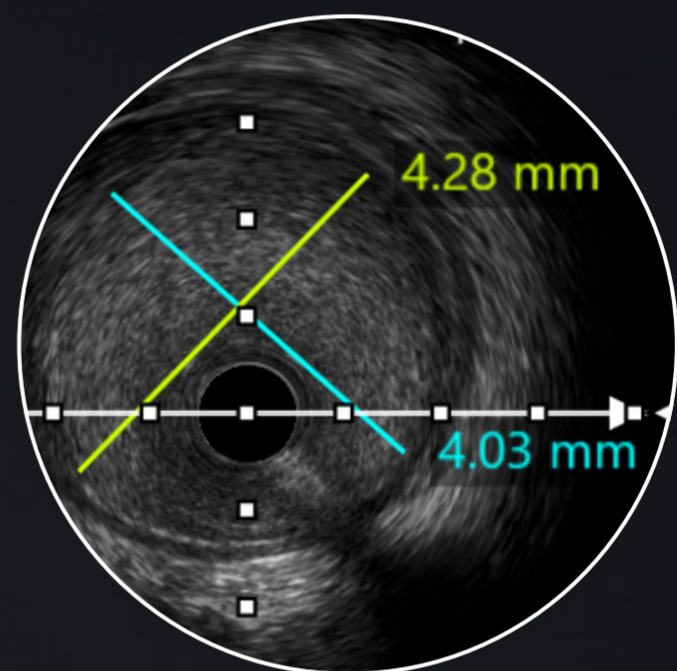
b Stenosis



Diseased



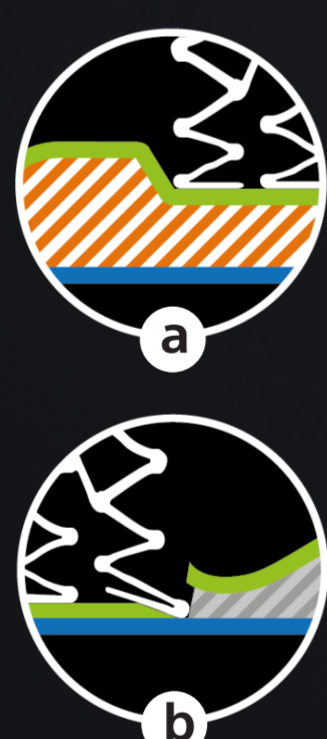
Calcium



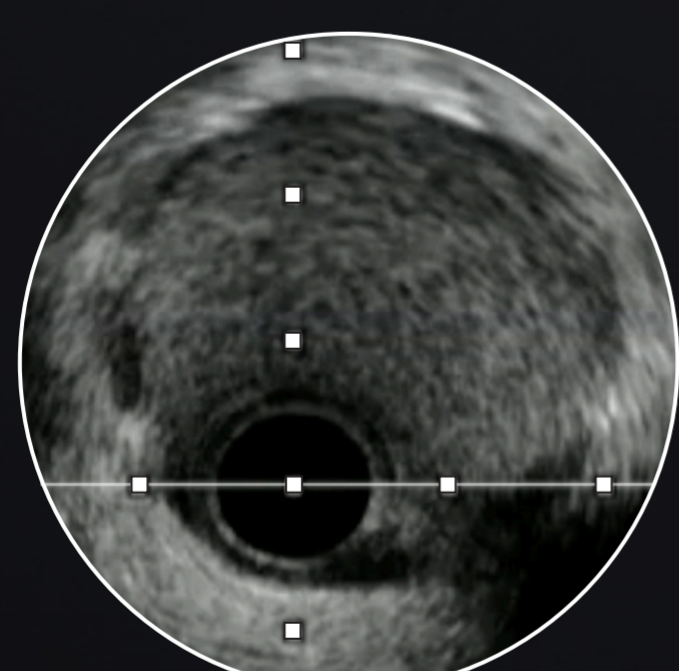
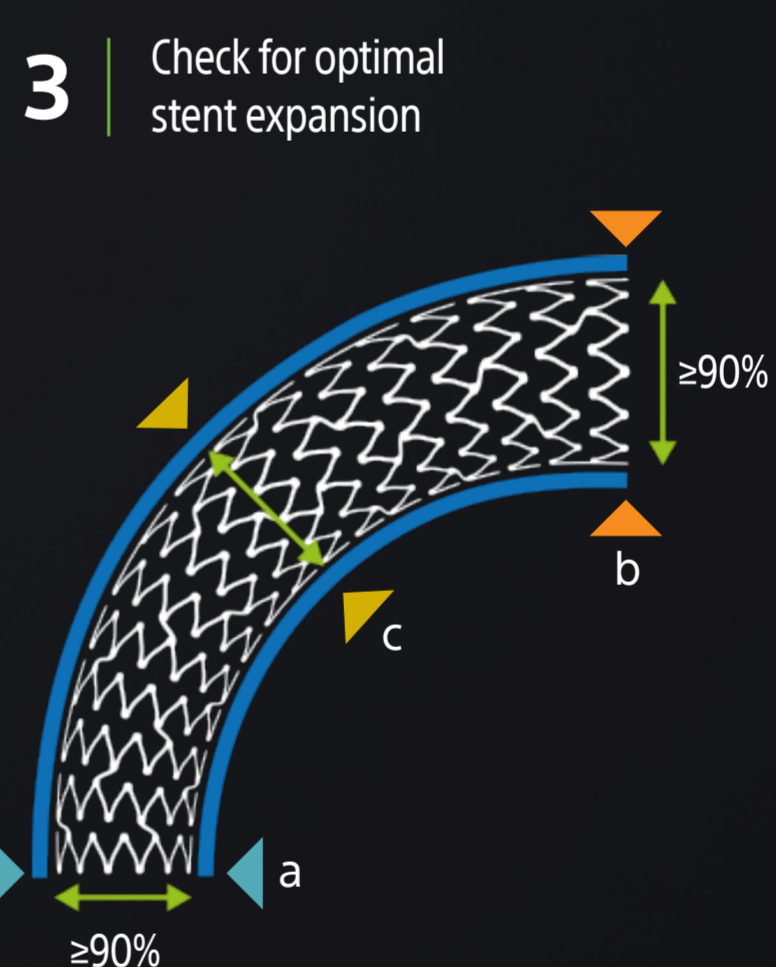
c Proximal

3 Post-stent workflow

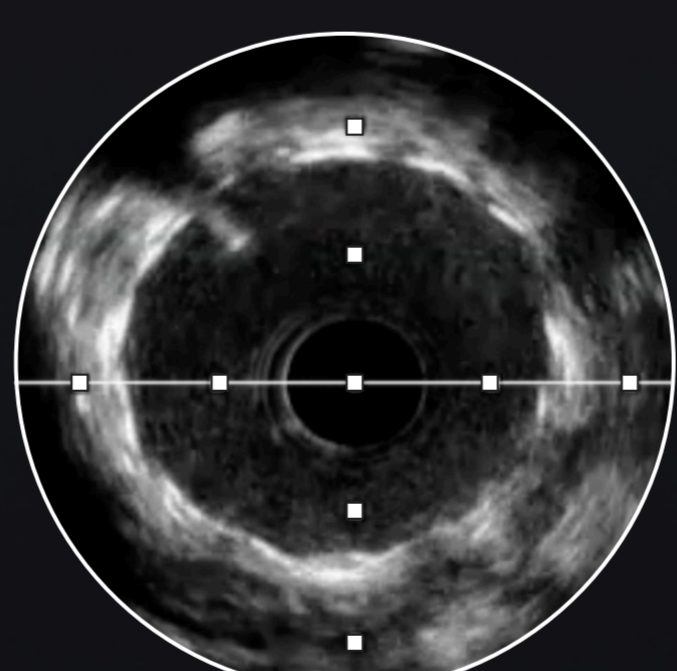
1 Check for geographic miss (a) and edge dissection (b)



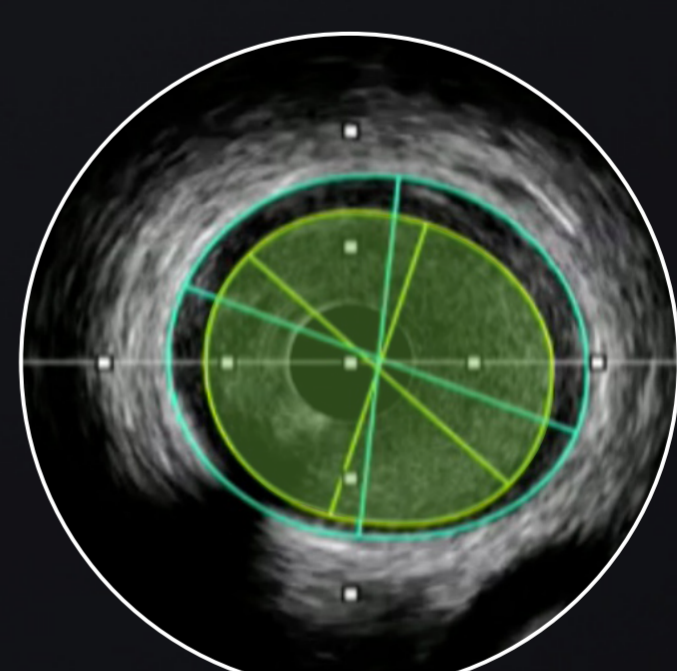
2 Check for malapposition



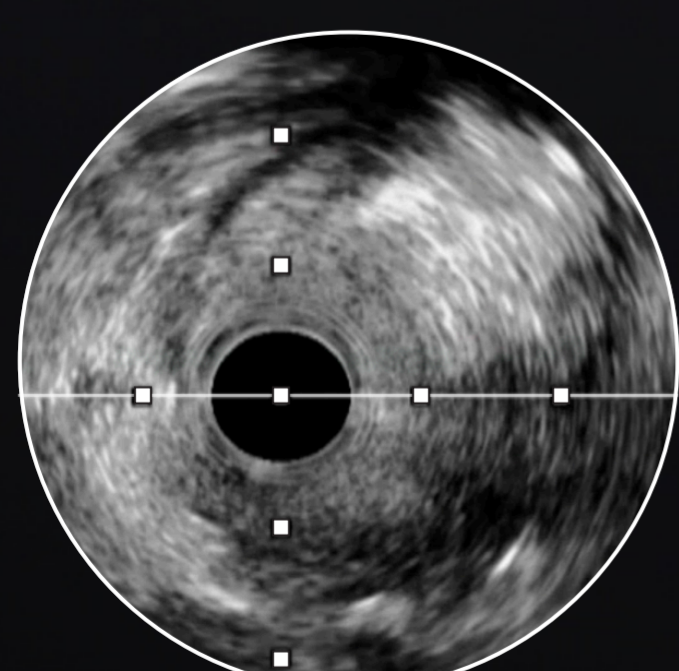
Optimal landing zone



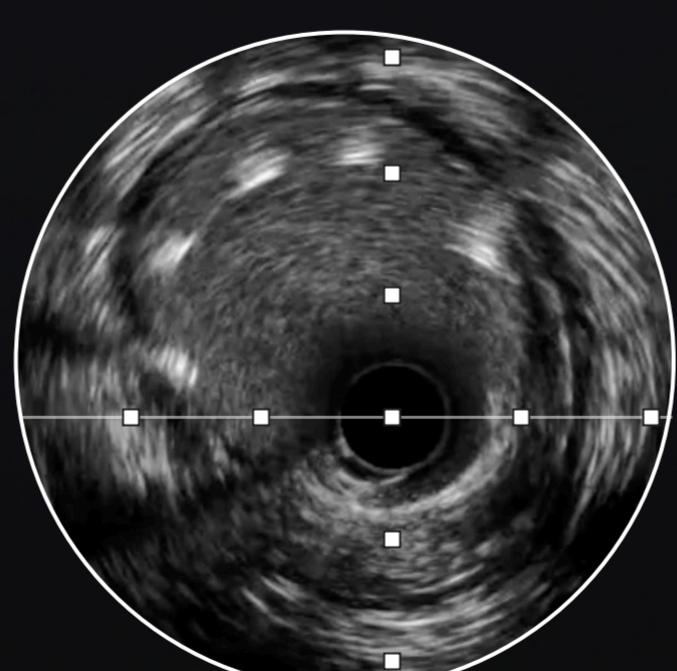
✓ Apposed



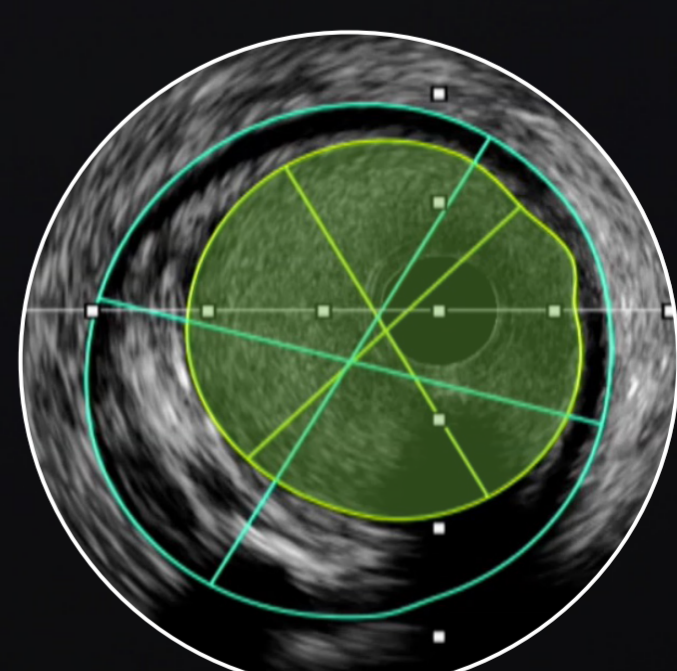
a Distal lumen reference



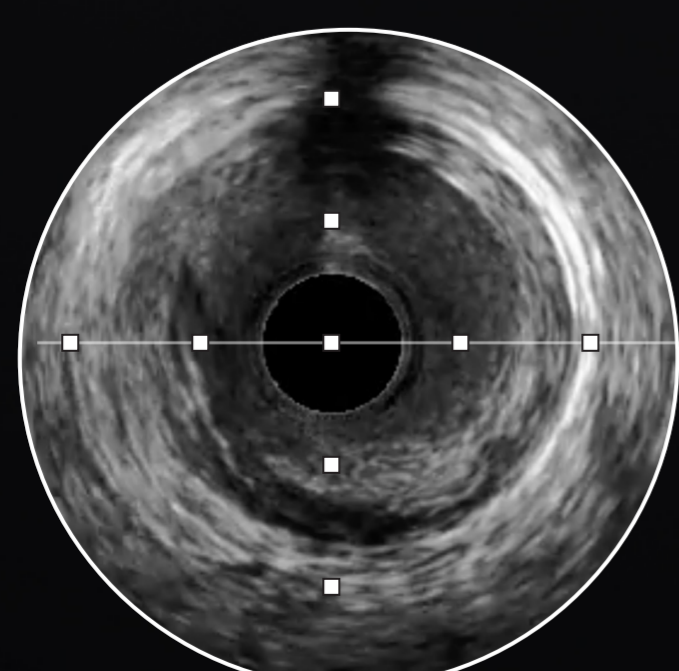
Geographic miss (a)



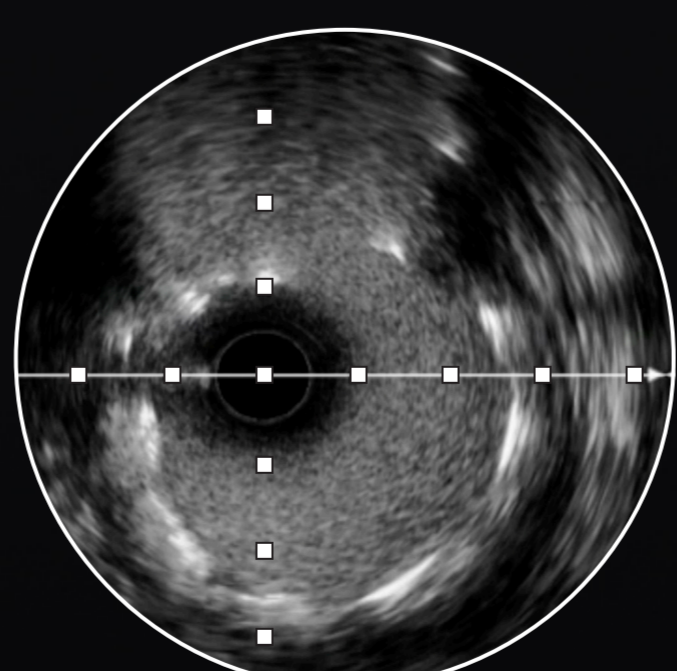
✗ Malapposed



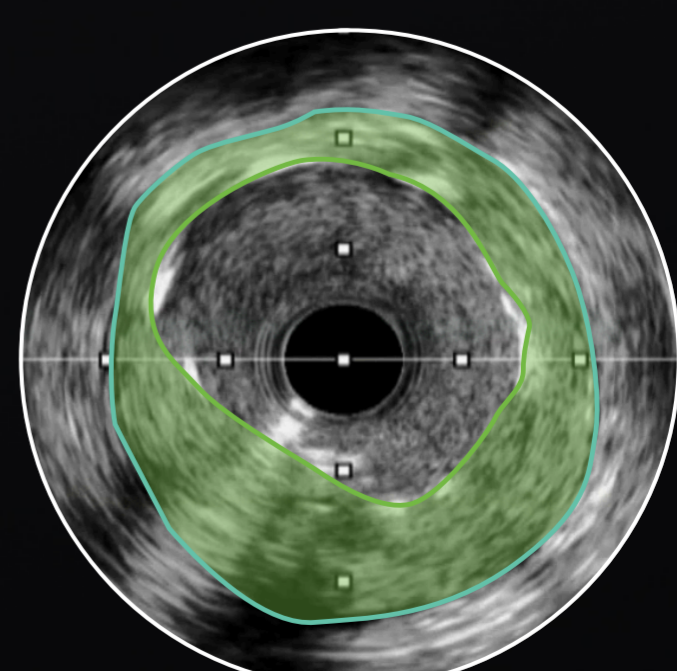
b Proximal lumen reference



Edge dissection (b)



Side branch



c Under-expanded