

1. Planning
2. Monitoring
3. Pharmacology
4. Access
5. Engagement
6. Angiography
7. Determine target lesion(s)
8. Wiring
  - 8.1. Antegrade
  - 8.2 ADR
  - 8.3 Retrograde
  - 8.4 Crossing algorithm
9. Lesion preparation
10. Stenting
11. Arterial closure
12. Physiology
13. Imaging
14. Hemodynamic support
15. Complex subgroups
  - 15.1 Proximal cap ambiguity
  - 15.2 Impenetrable proximal cap
  - 15.3 Flush aorto-ostial CTOs
  - 15.4 Ostial circumflex and LAD CTOs
  - 15.5 Bifurcation at proximal cap
  - 15.6 Bifurcation at distal cap
  - 15.7 In-stent CTOs
  - 15.8 SVG CTOs
  - 15.9 Severe calcification
  - 15.10 Heart failure
  - 15.11 Prior failure
  - 15.12 Balloon uncrossable CTOs
  - 15.13 Balloon undilatable CTOs
16. Complications
17. Equipment
18. How to start and improve a CTO PCI program