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Retrospective Study

Application of a rapid exchange extension catheter technique in type B2/C nonocclusive coronary intervention *via* a transradial approach

Application of rapid exchange extension catheter

Abstract

BACKGROUND

In transradial intervention procedures, poor back-up support and noncoaxial alignment of the guide catheter (GC) may result in failure of the balloon or stent to reach the targeted lesion. Methods to provide extra back-up support using the original GC and wire can improve procedural success with reduced complications. A rapid exchange guide extension catheter provides convenient and efficient back-up support while

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Sep 01, 2013 · Transradial coronary intervention (TRI) is increasingly common, but anatomic variations and lack of guide catheter support may increase the complexity of TRI. The GuideLiner catheter (Vascular Solutions, Minneapolis, MN) is a guide catheter extension developed to provide increased guide catheter support.

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Author: Moneer J. Eddin, Ehrin J. Armstrong, Us...

Publish Year: 2013

[Guide extension, unmissable tool in the armamentarium of ...](https://www.sciencedirect.com/science/article/pii/S0167527316315601)

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Nov 01, 2016 · The GuideLiner™ (GL) catheter (Vascular Solutions, Minneapolis, MN), connecting a distal flexible 20 cm catheter to steel rod, and allowing for rapid exchange, being a monorail system, overcame most of these limitations and became the prototype of other similar guide-extension (GE) systems (Guidion™ Flexible Guide Extension, IMDS, the ...

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Author: Enrico Fabris, Mark W. Kennedy, Carlo D...

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Sep 01, 2014 · 1. Introduction. In percutaneous coronary intervention (PCI), the key to a successful procedure is the delivery of the coronary stent; however, deployment of the stent can be difficult at times owing to several conditions, including lack of backup support of the guiding catheter and unfavorable lesion characteristics, such as severe calcification or tortuous configuration of the vessel.

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BACKGROUND The Guide Liner **catheter extension** device is a monorail-type "Child" support **catheter** that facilitates coaxial alignment with the guide **catheter** and provides an appropriate