

# An Emergency Solution When Your Hybrid Suite Goes Dark: Use of a C-arm

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Images of TEVAR (thoracic endovascular aortic repair) for an aortic aneurysm rupture carried out in a Phillips hybrid suite after a sudden technical failure with total system shut-down. A Zeilm mobile C-arm brought in from a nearby semi-hybrid suite was used to continue the TEVAR, with subclavian embolization with PHIL embolization agent and coils for complete seal and ongoing bleeding. Figure 1 shows the C-arm beside the hybrid suite arm that was moved manually cranially. Figure 2 shows the embolization with PHIL and coils on the mobile C-arm screen. The procedure was successfully completed as planned and the patient recovered.



Figure 1

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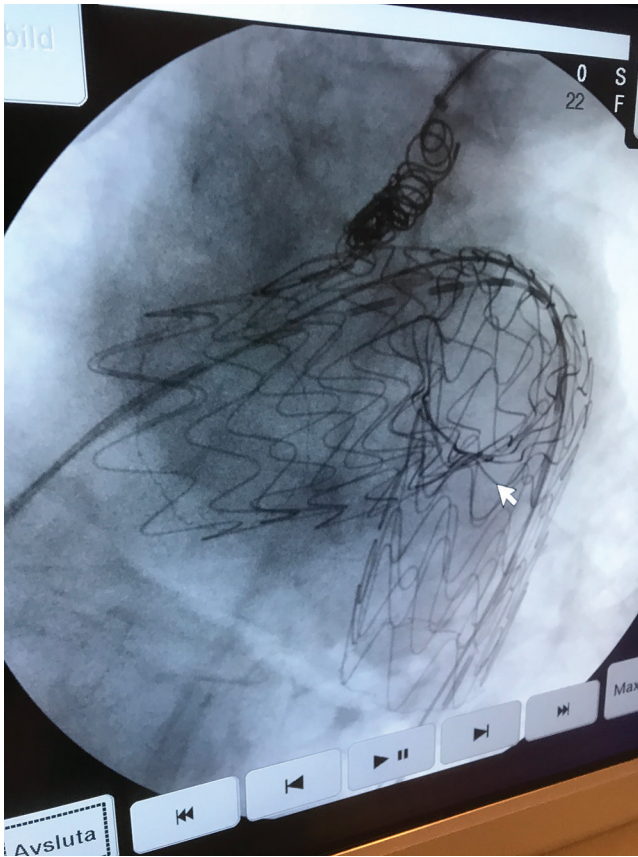


Figure 2

### Ethics Statement

- (1) All the authors mentioned in the manuscript have agreed to authorship, read and approved the manuscript, and given consent for submission and subsequent publication of the manuscript.
- (2) The authors declare that they have read and abided by the JEVTM statement of ethical standards including rules of informed consent and ethical committee approval as stated in the article.

### Conflicts of Interest

The author declares that they have no conflicts of interest.

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