Resurrection At Birth

AngioVac Assisted IVC Thrombus Removal In Patient with Circuatory Collapse after C-section

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Disclosure

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I have the following potential conflicts of interest to report:

- Consulting
- Employment in industry
- Stockholder of a healthcare company
- Owner of a healthcare company
- Other(s)

- I do not have any potential conflict of interest
Case History

• 31 year old diabetic woman at the end of a twin pregnancy (week 38)
• Developed circulatory collapse during planned C-section (after delivery of second baby)
• Bradycardia with persistent hypotension (SBP ~60’s) requiring pressor support
• Mild hypoxemia on room air
Case History - Imaging

- **Echo** showed normal LV function and RV dilatation with evidence of volume overload.
- Other findings: linear opacity in the IVC consistent with thrombus.
- **CT chest and abdomen** showed PE involving right lower lobe.
- Other CT findings: RV strain and thrombus in the infra hepatic IVC.
- No mass or tumor or evidence of iliac DVT.
Case History - Imaging
IVC Thrombus with Recent PE

Options for consideration

- Anticoagulation with heparin
- Thrombolysis
- IVC filter placement
- Thrombus retrieval
IVC Thrombus with Recent PE

Options for consideration

• Anticoagulation with heparin ✓
• Thrombolysis ✗
• IVC filter placement ✗
• Thrombus retrieval ✓
Procedure: Baseline Angio
Procedure: AngioVAC Insertion
Procedure: Thrombectomy
Case Follow-up

- Work up for a coagulopathy was unremarkable
- No evidence of a DVT by US
- Patient anticoagulated with heparin and warfarin
- Discharged on hospital day 6
- Doing well after 11 months
Thank You
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