Newer, safer retrievable filter designs

After risks and rewards and will expand applicability indications

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Device
Retrievable inferior vena cava (IVC) filters.
All models and manufacturers.

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Retrieve the device as soon as possible once it is no longer clinically required.
Consider, and ideally schedule, the retrieval date at the time of implantation.

Convertible filters

VenaTech
Sentry

INTRODUCING the Next Generation in IVC Filters
CRUX®

DENALI® Vena Cava Filter
63 Celect Platinum

- June 2013 – June 2015
- Initially Celect and Celect Platinum
- Indication: 49/63 DVT/PE with temporary C/I to anticoagulation
- Migration (>2cm): n=0
- Fracture: n=0
- Asymptomatic IVC penetration: n=4 at retrieval venogram.
- All 4 filters retrieved successfully with no extravasation

48 retrieval attempted: (Median dwell time 20 days) (Range 8-182 days)

Successful (46)
Unsuccessful (2)

Conversion to permanent filter (1)
Successful 2nd attempt with adjunctive technique (1)

Successful retrieval in 47/48 patients 98%

(1) Death
(1) DNA
(1) Large IVC thrombus on CT
(1) Patient returned to own hospital
(3) Unknown reasons
Conclusions

- Reliable filter retrieval is likely to alter the approach to the use of temporary caval filtration
- Avoid long term complications/anticoagulation when filters which become unintentionally permanent
- Retrieval with Celect Platinum: 47/48 patients 98%