

BEST PRACTICE RECOMMENDATIONS

INFERIOR VENA CAVA FILTER

In 2018, Radiology Partner's (RP) IR National Subspecialty Division recognized the opportunity to standardize follow up for patients where temporary IVC filters had been placed. According to the FDA, over 1 million IVC filters were placed between 2000 and 2010(1). Because of inconsistent follow-up recommendations and the growing use of retrievable filters, there was an increase of complication rates associated with temporarily placed IVC filters(2). IVC filter abandonment was associated with an increased rate of recurrent DVT and death(3).

The RP IVC Filter Best Practice Recommendation (BPR) suggests:

- Consult the primary care team for filter appropriateness.
- Ensure correct filter selection (retrievable vs permanent filter).
- Enroll patient into follow-up program.
- Remove IVC filter when clinically indicated.

Long established need for protection beyond systemic anticoagulation
Caval Interruption – 1893 IVC Filter – 1967 Retrievable IVC Filter – 2003

FDA – 2010 Safety Alert

Increased rate of IVC filter placement and increased complication rate

JVIR – 2011

White paper reports rates of IVC filter complications across time and manufacturer

SVS in JVIS – 2013

Retrievable filter complication attributed to lack of follow-up program

2018
RP
IVC
BPR

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In accordance with RP's mission to provide high clinical quality to our patients, referring physicians, and clients, RP has developed numerous Best Practice Recommendations (BPRs). RP's BPRs are developed through extensive literature review and in collaboration with our radiologists across multiple specialties. RP is committed to excellence and accountability and therefore consistently monitors BPRs adherence and provides feedback to our practices.

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PHYSICIAN-OWNED
AND PHYSICIAN-LED
RADIOLOGY PRACTICE
IN THE U.S.**

References

(1) *Quality Improvement Guidelines for the Performance of IVC Filter Placement for the Prevention of Pulmonary Embolus; J Vasc Interv Radiol* 2011; 22:1499–1506

(2) *Journal of Vascular Surgery: Venous and Lymphatic Disorders* Volume 1, Issue 4, October 2013, Pages 376-384

(3) http://www.onlinejacc.org/content/75/11_Supplement_1/2208

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