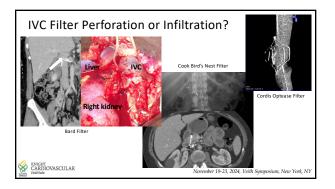
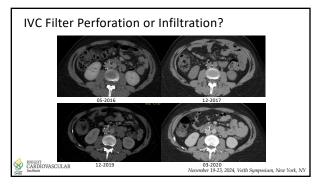
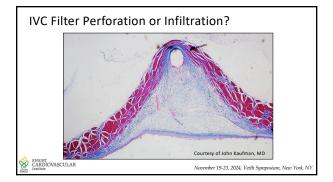
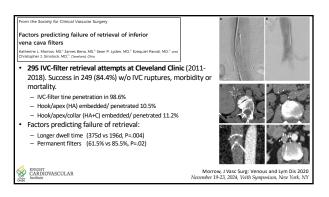


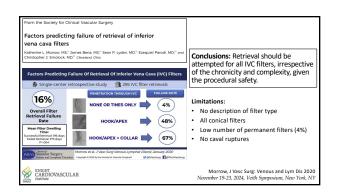
VC filter wall penetration (1699/9002) 19% Organ/ structure involved (322/1699) 19% - Duodenum 123 - Lumbar vertebrae 63 - Aorta 62 - Poas muscle 8 - Nephrosular retrieval 4 - Nephrosular retrieval 3 - Nephrosular retrieval 4	Med	lline search (1970-20	14) finding 88 clini	cal studies and 112 case report	ts, 9002 pt
- Duodenum 123 - Surgical removal 63 - Lumbar vertebrae 63 - Endowascular stent/ embolize 11 - Aorta 62 - Endowascular retrieval 4	· IV	/C filter wall penetrat	ion (1699/9002) 1	9%	
- Duodenum 123 - Surgical removal 63 - Lumbar vertebrae 63 - Endowascular stent/ embolize 11 - Aorta 62 - Endowascular retrieval 4					
- Duodenum 123 - Surgical removal 63 - Lumbar vertebrae 63 - Endowascular stent/ embolize 11 - Aorta 62 - Endowascular retrieval 4	ŀ	Organ/ structure involv	red (322/1699) 19%	Interventions Performed	
- Lumbar vertebrae 63 - Endovascular stent/ embolize 11 - Aorta 62 - Endovascular retrieval 4				- Surgical removal	63
		- Lumbar vertebrae	63		11
- Psoas muscle 8 - Nephrostomy/ ureter stent 3		- Aorta	62	- Endovascular retrieval	4
		- Psoas muscle	8	- Nephrostomy/ ureter stent	3
- Lumbar artery 6		- Lumbar artery	6		

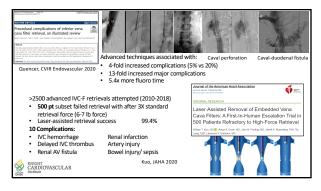


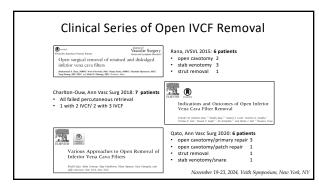


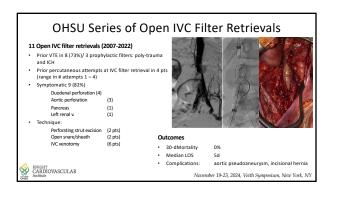


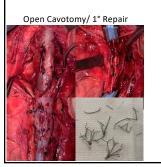








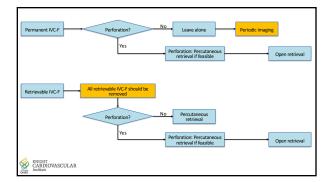




KNIGHT CARDIOVASCULAR



November 19-23, 2024, Veith Symposium, New York, NY



Summary

- IVC filter-associated perforation is an under-recognized complication (19%-34%). 19% of penetrations show organ/structure impalement.
- IVC filters with symptomatic perforation/ asymptomatic severe perforation should be removed.
- Open retrieval is a viable option for patients with IVC filter-associated complications who are not candidates for, or who have failed, percutaneous retrieval

November 19-23, 2024, Veith Symposium, New York, N



