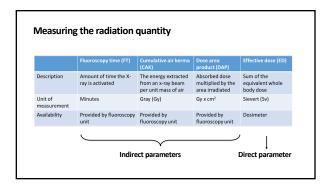
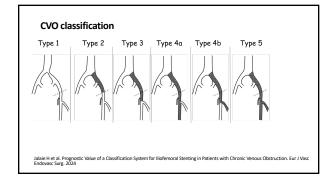


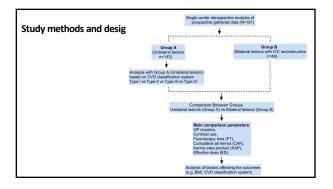
Author	Year	Groups	Imaging System	Number Of procedures	DAP (Gy.cm²)	CAK (mGy)	Pelvic ESD (mSv)	E (mSv
Chait	2019	Iliofemoral venous	Mobile C-	40	-	1.08 (±0.55)	-	0.221
Barbati	2019	lliofemoral venous stenting and IVC reconstruction with bilateral lesions	Mobile C- arm	78	74.6*(IQR 29.5- 189.5)	393.5*(IQR 178-955)	1.06*(IQR 9.27-2.59)	17.4*(IC R 7.16- 33.12)
Lim	2020	(lower extremity)	(endovasc ular operating room)	20	9.2*(0.2-176.0)			-
		DVT thrombolysis (upper extremity)		91	2.0*(0.1-11.7)	-	-	+
		unilateral chronic iliofemoral venous stenting		56	32.4*(0.1-289.6)	•	-	1
		IVC reconstruction		39	60.8*(2.5- 269.1)		-	-
Baccellieri	2021	lliofemoral venous stenting without Cone-Beam computed tomography (CBCT)	Fixed C- arm (endovasc ular operating	15	24.0*(IQR 19.3-35)	69.8* (IQR 19.3-35)		-
		lliofemoral venous stenting with CRCT	room)	10	70.5*(IQR 56.9- 97.3)	244.6*(IQR 190.3-323.7)	-	-

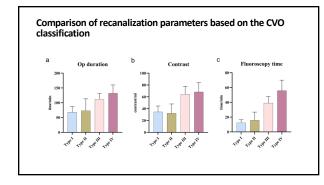
Radiation effects

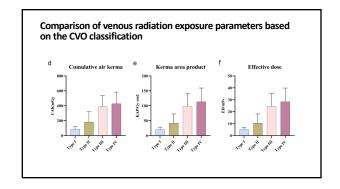
- **Deterministic effects**: predictable dose-dependent effect and occurs only beyond a threshold (2 Gy skin erythema, 5 Gy skin nekrosis ,...)
- Stochastic effects: without a threshold dose (long-term effects of radiation like cancers)

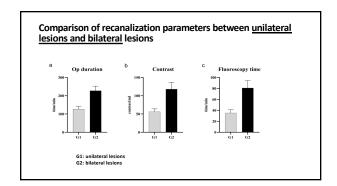


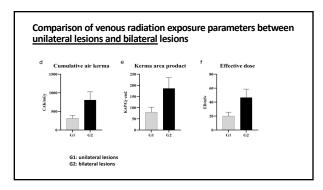












Summary
Venous recanalization rarely causes deterministic radiation effects
Radiation dose is highly related to CVO classification
Higher classification seems to result in higher contrast use, FT, CAK, KAP, ED values, and bilateral lesions radiation amount are significant higher than unilateral lesions
Use of IVUS to reduce the radiation amount
VEITH STHEOSTURE Conveniency the visual Community.

Thank you very much



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