SYNCHRONOUS trial 12 months follow-up data (simultaneous ASV treatment for patients undergoing GSV ablation)

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ANTERIOR SAPHENOUS VEIN GUIDELINES

Should the normal ASV be treated when initially treating refluxing GSV?

The i impact of synchronous prophylactic treatment of The i the ASV on the incidence of recurrence in patients uncons dergoin thermal ablation of an incompetent GSV is an Vein and type service of the incidence of recurrence in the intersynchronous-study with 1050 patients.¹⁵ Studies inter uch as this will help diagramme if there is sufficient evideward dence to recommend such a prophylactive approach to studie reduce recurrence in the future. The ASV is a major cause of recurrence





Can preventive ASV removal reduce the rate of recurrence?





The SYNCHRONOUS trial: "A multicentre, prospective, controlled, clinical study to evaluate the impact of a <u>synchronous</u> , <u>treatment</u> of the anterior accessory saphenous vein for prevention of recurrent varicose veins in patients undergoing thermal ablation of an insufficient great saphenous vein"							
Primary er	dpoint	s					
	GSV	+ ASV	w/o ASV <2mm		w/o ASV >2mm		
	6M	12 M	6M	12M	6M	12M	
N	456/596	319/596	276/337	189/337	221/267	182/267	
No ASV visible	437 (95.8%)	296 (92.8%)	114 (41.2%)	81 (42.9%)	4 (1.8%)	2 (1.1%)	
ASV patent	19 (4.2%)	23 (7.2%)	162 (58.7%)	108 (57.1%)	217 (98.2%)	180 (98.9%)	
without reflux	18 (3.9%)	20 (6.3%)	68 (24.6%)	56 (29:6%)	137 (62.0%)	116463.4%	
with reflux	1 (0.2%)	3 (0.9%)	9 (3.3%)	9 (4.8%)	18 (8.1%)	25 (13.7%)	
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"A multicentre, pro treatment of the veins in patients u	ospective, con anterior acce ndergoing th	ntrolled, clinica ssory saphen ermal ablation	al study to eval ous veln for p of an insuffici	luate the impa revention of r ient great saph	ct of a <u>svnchro</u> ecurrent varic enous vein"	nous. Dse	
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veins in patients u	ndergoing the	ermal ablation	of an insuffic	ent great saph	enous vein"	
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Primary or	ndnoint	·c				
Primary er	ndpoint	s				
Primary er	ndpoint _{GSV}	+ ASV	w/o AS	V <2mm	w/o AS	/>2mm
Primary er	GSV 6M	+ ASV 12 M	w/o AS 6M	V <2mm 12M	w/o ASV 6M	/ >2mm 12M
Primary er	6M 456/596	+ ASV 12 M 319/596	w/o AS 6M 276/337	V <2mm 12M 189/337	w/o ASV 6M 221/267	/ >2mm 12M 182/267
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Baseline characteristics	:
n = 1.031	
Age	50.5 years
Gender	62% female
BMI	27.2
SFJ/ASV at baseline (Groups A + B)	
ASV not present	23%
SFJ: ASV → GSV	42%
SFJ: ASV → FV	5%
SFJ: ASV \rightarrow SEV \rightarrow GSV / FV	30%

The SYNCHRONOUS trial:

The "A mu <u>treat</u> veins	SYNCHR liticentre, pros ment of the a in patients ur	ONOUS spective, con interior access indergoing the	trial: trolled, clinical s ssory saphenou ermal ablation of	tudy to evalua s vein for pre v an insufficien	te the impact vention of rec t great sapher	of a <u>synchror</u> current varico nous vein"	ious. ise
Se	condary	y endp	oints: AE -	- paresth	esia, EHI	T, DVT	~
	GSV only	GSV+AASV	p-value		GSV only	GSV+AASV	p-value
week 1	n=509	n=522		week 24	n=366	n=291	
	10 (1.96%)	13 (2.49%)	0.6747	paresthesia	22 (6.01%)	14 (4.81%)	0.6055
paresthesia	10 (1.7070)						
paresthesia EHIT I	1	1	1	EHITI	0	0	1
paresthesia EHIT I EHIT II	1	1	1	EHIT I EHIT II	0 0	0 0	1 1
paresthesia EHIT I EHIT II EHIT III	1 1 0	1 1 2	1 1 0.4996	ehit I Ehit II Ehit III	0 0 1	0 0 1	1 1 1

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National Materia Procession 2022 Acids Bases characteristic Despite Acids 2022 Acids Bases characteristic Safety of synchronous saphenous venin in pa thermal ablation— 6 i SYNCHERONOUS st Corona Nitrick () 1. Tokin Christian Miller () Christian Miller Christman	Sage Journals a prophytical: a haliation of the autorior starting strange and a starting strange months follow-up data of the up y attent's more strange. These stranges are strange "stranges" stranges and the "stranges" stranges and the "stranges" stranges and the "stranges" stranges and the stranges are stranges are stranges and stranges are stranges are stranges and stranges are stranges are stranges are stranges ar	Nature The Annual Control of the Control of the Control Structure of the Control of the Control of the Control Compression therapy after endower compliance and impact on collical Corners K Buckle (): Mercan Studies' Science Marcine (): Structure Studies' Science Marcine (): Mercan Science Studies Control ones () Mercan Science Studies (): Mercan Science Studies Mercan Sci	Sage Journals nous laser ablation: Patient outcome Hertesse ¹ , Johan Hench ¹ , Tawas K Stasse ¹ , Jargen Witzes ¹ , Tawas K Stasse ¹ , Octobiase Contigh ¹ , Lorent

Conclusion

- After 12 months, 13.7% of untreated ASVs >2mm and 4.8% of ASVs <2mm have reflux, but only 0.9% of ASVs in the GSV+ASV group.
- When a preventive ablation of the ASV is being considered, it can be stated that there is no increased rate of side effects.
- Compression therapy after EVLA leads to significantly fewer symptoms compared to no compression. Therapy duration of up to 14 days was found to be the most effective regime.

Thank you for your attention! info@gefaessmedizin-hirsch.de