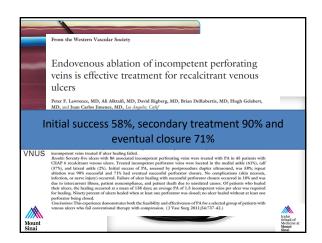
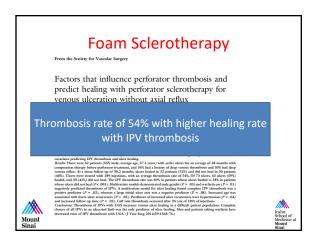


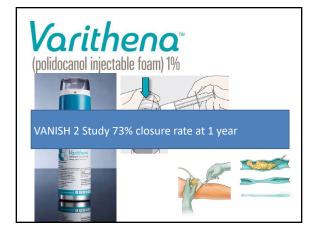


Endove the Lit						ced Co	nplic	ations	Review of
						MD, PhD, MD, PhI			
KEES-T ETER	DE RO	03, MID	, ind, A		MAR INJSTE	s, MD, I H	9		
			Wave	% Skin	Ecchymoses o			De se suela	6
Author	Year	<i>Limbs,</i> n	Length, nm	Burns	Bruising	Dysesthesia	Phlebitis	Deep-vein Thrombosis	Other
Agus ¹	2006	1076	810, 980	0.2	39	0.8	1	0	0%
De Medeiros	2005	20	810	0	100	0	0	0	0%
Darwood	2008	71	810	0	+	1.4	12.7	0	Pruritus 1.4%, transient discoloration 1.4%
Disselhoff	2005	93	810	0	31	0	2	0	Tightness 17%, induration 2%, pain 14%
Elmore	2008	516	810	0.4	+	2.1	1	0	0%
Gibson	2007	210	980	0	0	1.6	0	5.7	0%
Goldman	2004	24	1320	1	0		1	1	t
Gonzales-Zeh	2008	45	980	1	64.4	4.4	22.2	0	Induration 68.9%
Huang	2005	230	810	1	0	7.2	0	0	Pain + , induration +
Kabnick	2006	60	810, 980	0	+	0	22	0	Pain +, itching +
Kim 1	2006	34	980	0	24	2.9	2.9	0	Hematoma
Kim 2	2006	60	980	0	27	0	3.3	0	Hematoma, tenderness 28%
Marston	2006	31	810	1	+		1	3.2	1
Min 1	2001	90	810	0	+	1.1	0	0	0%
Min 2	2003	499	810	0	24	0	5	0	Pulling cord sensation 90%
Myers ¹	2006	404	810	0	+	0	0	1.9	Pulmonary embolism 0.25%, sural nerve palsy 0.25%
Navarro	2001	40	810	0	+	0	0	0	0%
Oh	2003	15	980	0	100		6.7	0	Induration 60%
Park	2007	21	980	9	60	9	1	0	Tightness 33.3%
Park	2008	3901	980	0	83	2	2.3	0	Pain 87%
Perkowski [®]	2004	165	940	0	+	0	+	0	0%
Pleister	2008	50	980	1	1	1	1	0	1

					Neumann, 1 mar Nijsten				
				%					
Author	Year	<i>Limbs,</i> n	Wave Length, nm	Skin Burns	Ecchymoses or Bruising	Dysesthesia	Phlebitis	Deep-vein Thrombosis	Other
Agus ¹	2006	1076	810, 980	0.2	39	0.8	1	0	0%
De Medeiros	2005	20	810	0	100	0	0	0	0%
Darwood	2008	71	810	0	1	1.4	12.7	0	Pruritus 1.4%, transient discoloration 1.4%
Disselhoff	2005	93	810	0	31	0	2	0	Tightness 17%, induration 2%, pain 14%
Elmore	2008	516	810	0.4	1	2.1	1	0	0%
Gibson [¶]	2007	210	980	0	0	1.6	0	5.7	0%
Goldman	2004	24	1320	1	0		+		1
Gonzales-Zeh	2008	45	980	1	64.4	4.4	22.2	0	Induration 68.9%
Huang	2005	230	810	1	0	7.2	0	0	Pain + , induration +
Kabnick	2006	60	810, 980	0	+	0	22	0	Pain + , itching +
Kim 1	2006	34	980	0	24	2.9	2.9	0	Hematoma
Kim 2	2006	60	980	0	27	0	3.3	0	Hematoma, tenderness 28%
Marston	2006	31	810	1	+	1	1	3.2	1
Min 1	2001	90	810	0	+	1.1	0	0	0%
Min 2	2003	499	810	0	24	0	5	0	Pulling cord sensation 90%
Myers ¹	2006	404	810	0	+	0	0	1.9	Pulmonary embolism 0.25%, sural nerve palsy 0.25%
Navarro	2001	40	810	0	+	0	0	0	0%
Oh	2003	15	980	ő	100	1	6.7	0	Induration 60%
Park	2007	21	980	9	60	9	1	ů.	Tightness 33.3%
Park	2008	3901	980	0	83	2	23	0	Pain 87%
Perkowski ¹	2004	165	940	0	+	0	+	0	0%
Pleister	2008	50	980	1	t	1	+	0	t

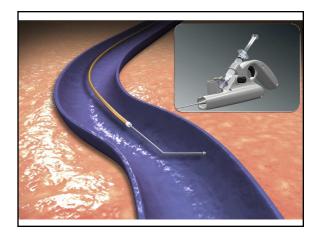


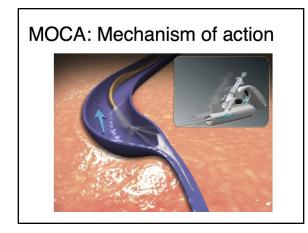


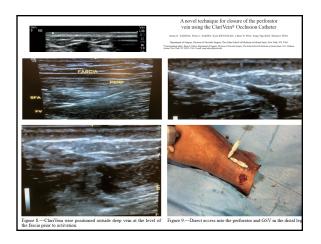


	(B) Check for spokes	
	VIEW-VLU observational study of the effect of Varithena on wound	
	healing in the treatment of venous leg ulcers	
	Michael Y. Shoo, MD." Skuart Harlin, MD." Bewehr, Chan, MD." Kathruse Santangrieb, MD." Eri Fukaya, MD." Jurianes Bounghon, MD. 'en Angelay Kolluk, MD. MD." för the VIRV-VII Unestigators, Crivaga & Houston TX Oklahoma Cig, OK Palo Alto, CA Boston MA, Columbus, CH and Dakolle, Ontario, Canada	
	ABSTRACT Objective Chronic wrous hypertension trippered by wrous reflux and/or obstruction leads to tkin changes and wrous	
	'6 patients with C6 disease with 54% healing at	
	12 weeks but 65% GSV closure rates	
	12 weeks but 65% GSV closure rates	
	12 weeks but 65% GSV closure rates	
	12 weeks but 65% GSV closure rates	
	12 weeks but 65% GSV closure rates	
	12 week & by 12 week 52.0% of works IXXVV was heated. The moder time to share closes to racial Main analysis was 8 disk ptMic conference moves 42.01173. In a August Maine analysis of notify water services. Bit Mich 2015 conference stream, Michael III movies of closes 12 weeks and incloses. The main numeric part services states to the closes 12 weeks and the closes 12 weeks and incloses. The main numeric part services states to the	
	12 weeks (b) 12 weeks S325 of excertis S2500 week hauted. The median time to start closure (b) stapper Mater analysis we d) that gotts confidence annual (S25702) in a stopper Mater analysis of initially Media media media (B) (B) of entropy of the S200 media (B) at the start of the median time for procedure, mediation) (B) we discussion (B)	
	12 week & by 12 week 52.0% of works IXXVV was heated. The moder time to share closes to racial Main analysis was 8 disk ptMic conference moves 42.01173. In a August Maine analysis of notify water services. Bit Mich 2015 conference stream, Michael III movies of closes 12 weeks and incloses. The main numeric part services states to the closes 12 weeks and the closes 12 weeks and incloses. The main numeric part services states to the	
	If weeks (b) If weeks (LSR) (of wounds (LSR)) save having, the median time to uture closure by targeter Maker anapsis one of the problem centerers means (c) control (b) is a stage-having anapsis of inside yhoud mounds (LSR) (b) is reproved by U-D and the LSR means and Thermative the processing sequences (b) have been having uture) of this stage, the control (LSR) is a stage of the transmission of the transmission of the U-D and the transmission of the transmission of the LSR means and Thermative (DSR means) and (DSR means) and (DSR means) and this stage does do the transmission of the transmission of the U-D and the transmission of the U-D and the U-D and the U-D and (DSR means) and the U-D and (DSR means) and the U-D and (DSR means) and (D	
	It sets is growers, SSRM of encoded bottlers in the final filter resolution that a data characterized statement in the endpoint of the set of	
	If weeks (b) If weeks (LSR) (of wounds (LSR)) save having, the median time to uture closure by targeter Maker anapsis one of the problem centerers means (c) control (b) is a stage-having anapsis of inside yhoud mounds (LSR) (b) is reproved by U-D and the LSR means and Thermative the processing sequences (b) have been having uture) of this stage, the control (LSR) is a stage of the transmission of the transmission of the U-D and the transmission of the transmission of the LSR means and Thermative (DSR means) and (DSR means) and (DSR means) and this stage does do the transmission of the transmission of the U-D and the transmission of the U-D and the U-D and the U-D and (DSR means) and the U-D and (DSR means) and the U-D and (DSR means) and (D	
	11 which (b) 11 which SDB1 of works) SDB2 were bear then the engine from to also found to particle blace and did with B (b) 21 which SDB1 of works) SDB2 were also also also also also also also also	
	If weeks (b) If weeks (3.0% of wounds (3.0%)) save halved. The median time to utar chose to program Maker anapose one of the problem contents a mound. Control is a stage-in-term anaposing of model y haufer analysis. The property is 1.0% of the the transmission of the median time in the processing sequence of the stage interm anapose is a stage of the transmission of the transmission of the median time is the stage interm anapose of the stage of the transmission of the median time is the stage interm and the stage interm anapose and by the most is the stage stage of the median time is the stage interm and the median time is the stage interm and by the stage is the stage of the stage interm and the stage interm and the stage interm and the stage interm and by the most is the decremental by the processing expection of the stage interm and the stage interm and the stage contrast stage is the stage interm and the stage interm and the promoting would be approximately by bars.	
	If weeks (b) If weeks (3.0% of wounds (3.0%)) save halved. The median time to utar chose to program Maker anapose one of the problem contents a mound. Control is a stage-in-term anaposing of model y haufer analysis. The property is 1.0% of the the transmission of the median time in the processing sequence of the stage interm anapose is a stage of the transmission of the transmission of the median time is the stage interm anapose of the stage of the transmission of the median time is the stage interm and the stage interm anapose and by the most is the stage stage of the median time is the stage interm and the median time is the stage interm and by the stage is the stage of the stage interm and the stage interm and the stage interm and the stage interm and by the most is the decremental by the processing expection of the stage interm and the stage interm and the stage contrast stage is the stage interm and the stage interm and the promoting would be approximately by bars.	
	If weeks (b) If weeks (3.0% of wounds (3.0%)) save halved. The median time to utar chose to program Maker anapose one of the problem contents a mound. Control is a stage-in-term anaposing of model y haufer analysis. The property is 1.0% of the the transmission of the median time in the processing sequence of the stage interm anapose is a stage of the transmission of the transmission of the median time is the stage interm anapose of the stage of the transmission of the median time is the stage interm and the stage interm anapose and by the most is the stage stage of the median time is the stage interm and the median time is the stage interm and by the stage is the stage of the stage interm and the stage interm and the stage interm and the stage interm and by the most is the decremental by the processing expection of the stage interm and the stage interm and the stage contrast stage is the stage interm and the stage interm and the promoting would be approximately by bars.	
	If weeks (b) If weeks (3.0% of wounds (3.0%)) save halved. The median time to utar chose to program Maker anapose one of the problem contents a mound. Control is a stage-in-term anaposing of model y haufer analysis. The property is 1.0% of the the transmission of the median time in the processing sequence of the stage interm anapose is a stage of the transmission of the transmission of the median time is the stage interm anapose of the stage of the transmission of the median time is the stage interm and the stage interm anapose and by the most is the stage stage of the median time is the stage interm and the median time is the stage interm and by the stage is the stage of the stage interm and the stage interm and the stage interm and the stage interm and by the most is the decremental by the processing expection of the stage interm and the stage interm and the stage contrast stage is the stage interm and the stage interm and the promoting would be approximately by bars.	
	If weeks (b) If weeks (3.0% of wounds (3.0%)) save halved. The median time to utar chose to program Maker anapose one of the problem contents a mound. Control is a stage-in-term anaposing of model y haufer analysis. The property is 1.0% of the the transmission of the median time in the processing sequence of the stage interm anapose is a stage of the transmission of the transmission of the median time is the stage interm anapose of the stage of the transmission of the median time is the stage interm and the stage interm anapose and by the most is the stage stage of the median time is the stage interm and the median time is the stage interm and by the stage is the stage of the stage interm and the stage interm and the stage interm and the stage interm and by the most is the decremental by the processing expection of the stage interm and the stage interm and the stage contrast stage is the stage interm and the stage interm and the promoting would be approximately by bars.	ĥ
	If weeks (b) If weeks (3.0% of wounds (3.0%)) save halved. The median time to utar chose to program Maker anapose one of the problem contents a mound. Control is a stage-in-term anaposing of model y haufer analysis. The property is 1.0% of the the transmission of the median time in the processing sequence of the stage interm anapose is a stage of the transmission of the transmission of the median time is the stage interm anapose of the stage of the transmission of the median time is the stage interm and the stage interm anapose and by the most is the stage stage of the median time is the stage interm and the median time is the stage interm and by the stage is the stage of the stage interm and the stage interm and the stage interm and the stage interm and by the most is the decremental by the processing expection of the stage interm and the stage interm and the stage contrast stage is the stage interm and the stage interm and the promoting would be approximately by bars.	
	If weeks (b) If weeks (3.0% of wounds (3.0%)) save halved. The median time to utar chose to program Maker anapose one of the problem contents a mound. Control is a stage-in-term anaposing of model y haufer analysis. The property is 1.0% of the the transmission of the median time in the processing sequence of the stage interm anapose is a stage of the transmission of the transmission of the median time is the stage interm anapose of the stage of the transmission of the median time is the stage interm and the stage interm anapose and by the most is the stage stage of the median time is the stage interm and the median time is the stage interm and by the stage is the stage of the stage interm and the stage interm and the stage interm and the stage interm and by the most is the decremental by the processing expection of the stage interm and the stage interm and the stage contrast stage is the stage interm and the stage interm and the promoting would be approximately by bars.	loat Schu
nt	If weeks (b) If weeks (3.0% of wounds (3.0%)) save halved. The median time to utar chose to program Maker anapose one of the problem contents a mound. Control is a stage-in-term anaposing of model y haufer analysis. The property is 1.0% of the the transmission of the median time in the processing sequence of the stage interm anapose is a stage of the transmission of the transmission of the median time is the stage interm anapose of the stage of the transmission of the median time is the stage interm and the stage interm anapose and by the most is the stage stage of the median time is the stage interm and the median time is the stage interm and by the stage is the stage of the stage interm and the stage interm and the stage interm and the stage interm and by the most is the decremental by the processing expection of the stage interm and the stage interm and the stage contrast stage is the stage interm and the stage interm and the promoting would be approximately by bars.	









Patient #1

Pre-Op Photo taken on 10/5/15. Ulcer measured approximately 10.0 cm x 5.0 cm. Ulcer was active for six months before patient decided to seek vascular surgery intervention.



• Intraoperative Photo on 10/17/15 • GSV

- treatment Dual
- puncture

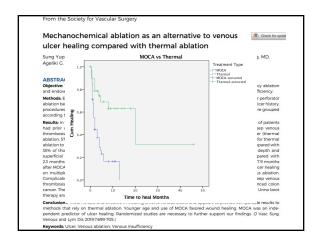




Patient #1

• 3/12/16 Patient had undergone 5 months of Unnaboot, 4 months status post left leg small saphenous vein treatment with Clarivein









Ulcer Healed, % 34.5% (10/29) 69% (38/55) 0.002 Time to Heal, months 4.4 (0.5-20) 4.8 (0.5-19) 0.87 Length of follow-up, months 12.8 (0.46) 19.6 (1-68) 0.052 Multiple Segments Treated, % 17% 95% <0.052 Recurrence, % 0% 45% <0.052		Thermal Ablation	Non-Thermal Ablation	P value
Length of follow-up, months 12.8 (0-46) 19.6 (1-68) 0.052 Multiple Segments Treated, % 17% 95% c0.05 Recurrence, % 0% 45% c0.05 • On logistic regression, only treatment modality (thermal v non-thermal) and preoperative duration of ulcer presence had an independent impact on ulcer healing rate • Considications: 3 non-access related infections, two hospital admissions for antibiotics/wound debridement, and one late,	Ulcer Healed, %	34.5% (10/29)	69% (38/55)	0.002
Multiple Segments Treated, % 17% 95% <0.05 Recurrence, % 0% 45% <0.05 On (optici regression, only treatment modality (thermal v non-thermal) and preoperative duration of ulcer presence had an independent impact on ulcer healing rate Complications: 3 non-access related infections, two hospital admissions for antibiotics/wound debridement, and one late,	Time to Heal, months	4.4 (0.5-20)	4.8 (0.5-19)	0.87
Considering and a set of the	Length of follow-up, months	12.8 (0-46)	19.6 (1-68)	0.052
On logistic regression, only treatment modality (thermal v non-thermal) and preoperative duration of ulcer presence had an independent impact on ulcer healing rate Complications: 3 non-access related infections, two hospital admissions for antibiotics/wound debridement, and one late,	Multiple Segments Treated, %	17%	95%	<0.05
independent impact on ulcer healing rate Complications: 3 non-access related inflections, two hospital admissions for antibiotics/wound debridement, and one late, 	Recurrence %	0%	45%	<0.05
Complications: 3 non-access related infections, two hospital admissions for antibiotics/wound debridement, and one late unrelated death			45%	<0
	On logistic regression, only treatment		nal) and preoperative duration of ulcer	presence had an



