









## <u>Circulation</u>

## ORIGINAL RESEARCH ARTICLE

Comparison of Unibody and Non-Unibody Endografts for Abdominal Aortic Aneurysm Repair in Medicare Beneficiaries: The SAFE-AAA Study Erc A Security M, Misc Way Sing MS, Tanya We, PRC Came Gachard Admon PRD, Naga Gath, PRC, Way, PRC Admonstra MD, Rehet Elc W, Way, And Markan Y, WHY Rehet Y, Welly MD, Mark

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Event         Withody encogram         Kon-Linibody encogram         HR (95% CI endogram           All-cause mortality         64.3%         endogram         (N=75,260)           All-cause mortality         64.3%         61.7%         1.06 (1.03, 1.0           Conversion to open repair         2.1%         1.4%         1.70 (1.43, 2.0           Endograft extension         8.9%         4.6%         2.05 (1.89, 2.2           Graft relining         12.5%         2.3%         4.03 (3.67, 4.4           Late aneurysm rupture         3.8%         1.6%         2.28 (1.97, 2.6           Graft relining, endograft extension, or conversion to open repair         17.4%         6.9%         2.25 (2.10, 2.4           Lite aneurysm rupture, graft relining, or conversion to open repair         15.5%         4.6%         2.80 (2.60, 3.0           Lite aneurysm rupture, graft relining, or         15.5%         4.6%         2.80 (2.60, 3.0		Cumulativ	e Incidence	
All-cause mortality         64.3%         61.7%         1.06 (1.03, 1.0           Conversion to open repair         2.1%         1.4%         1.70 (1.43, 2.0           Conversion to open repair         2.1%         1.4%         1.70 (1.43, 2.0           Endograft extension         8.9%         4.6%         2.05 (1.89, 2.2           Graft relining         12.5%         2.3%         4.03 (3.67, 4.4           Late anurysm rupture         3.8%         1.6%         2.26 (1.97, 2.6           Graft relining, endograft extension, or conversion to open repair         17.4%         6.9%         2.25 (2.10, 2.4           Late aneurysm rupture, graft relining, or conversion to open repair         15.5%         4.6%         2.80 (2.80, 3.0           Late aneurysm rupture, graft relining, or conversion to open repair         15.5%         2.80 (2.80, 3.0		(N=11,903)	endograft (N=75,260)	*HR (95% CI)
Conversion to open repair         2.1%         1.4%         1.70 (1.43, 2.0           Endograft extension         8.9%         4.6%         2.05 (1.89, 2.2           Graft relining         12.5%         2.3%         4.03 (3.67, 4.4           Late aneurysm rupture         3.8%         1.6%         2.28 (1.97, 2.6           Graft relining, endograft extension, or conversion to open repair         17.4%         6.9%         2.25 (2.10, 2.4           Lise aneurysm rupture, graft relining, or conversion to open repair         15.5%         4.6%         2.80 (2.60, 3.0           Late aneurysm rupture, graft relining, or conversion to open repair         15.5%         4.6%         2.80 (2.60, 3.0	II-cause mortality	64.3%	61.7%	1.06 (1.03, 1.09)
Endograft extension         8.9%         4.6%         2.05 (1.89, 2.2           Graft relining         12.5%         2.3%         4.03 (3.67, 4.4           Late aneurysm rupture         3.8%         1.6%         2.28 (1.97, 2.6           Graft relining, endograft extension, or conversion to open repair         17.4%         6.9%         2.25 (2.10, 2.4           Late aneurysm rupture, gatt relining, or conversion to open repair         15.5%         4.6%         2.80 (2.60, 3.0	onversion to open repair	2.1%	1.4%	1.70 (1.43, 2.02)
Graft relining         12.5%         2.3%         4.03 (3.67, 4.4           Late anurysm rupture         3.8%         1.6%         2.28 (1.97, 2.6           Graft relining, endograft extension, or conversion to open repair         17.4%         6.9%         2.25 (2.10, 2.4           Late anurysm rupture, graft relining, or conversion to open repair         15.5%         4.6%         2.80 (2.60, 3.0           Late anurysm rupture, graft relining, or         15.5%         4.6%         2.80 (2.60, 3.0	ndograft extension	8.9%	4.6%	2.05 (1.89, 2.23)
Late aneurysm rupture     3.8%     1.6%     2.28 (1.97, 2.6       Graft relining, endograft extension, or conversion to open repair     17.4%     6.9%     2.25 (2.10, 2.4       Late aneurysm rupture, graft relining, or conversion to open repair     15.5%     4.6%     2.80 (2.60, 3.0       Late aneurysm rupture, graft relining,     15.5%     4.6%     2.80 (2.60, 3.0	iraft relining	12.5%	2.3%	4.03 (3.67, 4.42)
Graft relining, endograft extension, or conversion to open repair         17.4%         6.9%         2.25 (2.10, 2.4)           Late aneurysm rupture, graft relining, or Late aneurysm rupture, graft relining,         15.5%         4.6%         2.80 (2.60, 3.0)	ate aneurysm rupture	3.8%	1.6%	2.28 (1.97, 2.63)
Late aneurysm rupture, graft relining, or 15.5% 4.6% 2.80 (2.60, 3.0 conversion to open repair Late aneurysm rupture, graft relining,	raft relining, endograft extension, r conversion to open repair	17.4%	6.9%	2.25 (2.10, 2.40)
Late aneurysm rupture, graft relining,	ate aneurysm rupture, graft relining, or onversion to open repair	15.5%	4.6%	2.80 (2.60, 3.02)
endograft extension, or conversion 18.3% 7.5% 2.16 (2.03, 2.3 to open repair	ate aneurysm rupture, graft relining ndograft extension, or conversion o open repair	18.3%	7.5%	2.16 (2.03, 2.30)



























Data formanan							
24,020 in VQI-V15	SION EVAR Registry						
NA							
Follow-up data wa	as provided through 3 ye	ars. There we	re 773 AFX2 sut	ejects that reached 3 y	sar follow-up.		
EVAR Registry Anal	Reporting Schedule 6 month report	Report Date Due 11/06/2023	FDA Receipt Date	Applicant's Reporting Status Overdus/Received			
	1 year report	05/06/2024	05/03/2024	On Time			
	18 month report	11/05/2024	11/06/2024	On Time			
	2 year report	05/05/2025					
	Data Summary f 24,020 in VOI-VD f NA Follow-up data w NEVAR Registry Ana	Data         Smooth         Smooth <th>IDEL Sources           2         24/000 IN CVA INSIGNE VAMP. Registry I           1         INA           2         INA           3         INA           4         INA           4         INA           4         INA           5         INA           4         INA           5         INA           4         INA           5         INA           6         INA           1         INA</th> <th>Registry Call Microsoft Process Processor           1         AVX00 TVCLIVISION EVAIL Registry F           1         AVX0           1         AVX0           1         Follow-up data was provided through 3 years. There were 773 AVX2 and the magneting Schedule           2         Magneting Schedule           4         Magneting Schedule           1         Magneting Schedule           1         March magneting Schedule           2         March magneting Schedule           2         March magneting Schedule           3         March magneting Schedule           3         March magneting Schedule           3         March magneting Schedule</th> <th>Note Service           24X091 YOL/MSIGNE WARR Registry         -           4x04         Follow-up data was provided through 3 years. There were 773 AFX2 address that reached 3 years           VEVER         Registry Analysis Reporting Schedule           For any Up of the set of through 3 years. There were 773 AFX2 address that reached 3 years           VEVER         Registry Analysis Reporting Schedule           Interim 5 data was provided through 3 years. There were 700 MSV2 address that reached 3 years           Interim 5 data was provided through 1 discograph of thread through 1 discograph of thread 1 year reput 3 0500036           Interim 5 discograph (1 discograph of thread) 1 discograph of thread 1 year reput 3 0500036</th> <th>Event Survey               Xext0 = V124 VHSOR EVeR Registry               Xext0 = V124 VHSOR EVeR Registry               Xext0 = V124 VHSOR EVeR Registry</th> <th>Registry Colspan="2"&gt;Registry           VAX09         VXX04 MIXON EVXR Registry           VAX04         VXX04 MIXON EVXR Registry           VXX04         VXX04 MIXON EVXR Registry           VXX04         Registry Analysis Registry Schedule           Registry Analysis Registry Colspan="2"&gt;Registry Schedule           Registry Analysis Registry Colspan="2"&gt;Registry Schedule           Image: Registry Colspan="2"&gt;Registry Colspan="2"&gt;Registry Schedule           Image: Registry Colspan="2"&gt;Registry Colspan="2"&gt;Registry Colspan="2"&gt;Registry Colspan="2"           Image: Registry Colspan="2"&gt;Reg</th>	IDEL Sources           2         24/000 IN CVA INSIGNE VAMP. Registry I           1         INA           2         INA           3         INA           4         INA           4         INA           4         INA           5         INA           4         INA           5         INA           4         INA           5         INA           6         INA           1         INA	Registry Call Microsoft Process Processor           1         AVX00 TVCLIVISION EVAIL Registry F           1         AVX0           1         AVX0           1         Follow-up data was provided through 3 years. There were 773 AVX2 and the magneting Schedule           2         Magneting Schedule           4         Magneting Schedule           1         Magneting Schedule           1         March magneting Schedule           2         March magneting Schedule           2         March magneting Schedule           3         March magneting Schedule           3         March magneting Schedule           3         March magneting Schedule	Note Service           24X091 YOL/MSIGNE WARR Registry         -           4x04         Follow-up data was provided through 3 years. There were 773 AFX2 address that reached 3 years           VEVER         Registry Analysis Reporting Schedule           For any Up of the set of through 3 years. There were 773 AFX2 address that reached 3 years           VEVER         Registry Analysis Reporting Schedule           Interim 5 data was provided through 3 years. 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