







STS/ACC TVT Registry ⁻	The Society Contract
Data Elements and I	Definitions
 <u>Aligned</u> with "Valve Academic Research Consortium 2 (VARC2)" endpoints 	BTEACOR TVT Registry () () () () () () () () () (
 <u>Harmonized</u> with STS and ACC-NCDR data elements where possible 	termine and participants in termine and participants in the sector of the sector
 Reviewed by all stakeholders in <u>public comment period</u>. 	Sender Sander ¹⁴ Sender Sander ander Sander ander Sander ander Sander Sander Sender Sander ¹⁴ Sender Sander ¹⁴ Sender Sander ¹⁴ Sender Sander ¹⁴ Sender ¹⁴
 <u>Reviewed</u> and approved by Industry, CMS and FDA 	1.1000 0.01 0.01 0.01 0.01 1.000 0.01 0.01 0.01 0.01 1.000 0.01 0.01 0.01 0.01 1.000 0.01 0.01 0.01 0.01 1.000 0.01 0.01 0.01 0.01 1.000 0.01 0.01 0.01 0.01 1.000 0.01 0.01 0.01 0.01 1.000 0.01 0.01 0.01 0.01 0.01 1.000 0.01
175 areas	Data collection form
NCDR II Proverba	rabase









S	STS/ACC T	VT Registry ⁻		The Society Colliner Colliner			
1 M		What's th AVR <i>vs</i> Leafl	ne Difference? et Clip <i>vs</i> Mitral	ViV			
		TAVR	Mitral Leaflet Clip	Mitral Valv Valve (ViV)			
	Indication	Aortic stenosis (>5% of adults over the age of 75 have moderate to severe AS)	Degenerative mitral regurgitation (DMR) (>9.6% of adults over the age of 75 have <u>moderate to</u> <u>severe</u> MR)	Prosthetic mitral valve failure (stenosis or regurgitation)			
	Patient presentation	Dyspnea, Syncope, Angina	Heart Failure	Heart Failure			
	Assessment	5 meter walk for frailty	6 minute walk for exercise capacity	6" walk			
	Vascular access	Transfemoral, Transapical, Other	Venous (trans-septal)	Transapical			
	C NCDR. III Store Doubles						











	Mitra	al Dataset – V	/hat's New	?	
HOME MEDIC.	ATIONS				
ACE or ARB	ECHOCARDIOGRAM	FINDINGS			
Beta Blocke	Left Atrial Volum	ne ¹³⁰⁰⁰ :mI or LA Volume Index	3001:mL/		
Diruretics - A	Left Ventricular	LEAFLET CLIP PROCEDURE	REASONS/INDICAT	IONS (CHECK A	
Diuretics - L	Aortic Regurgita	Frailty ⁵⁹⁰⁰ (assessed b)	Steerable Guide Model ID ²⁰¹⁰⁰		Steerable
-911 200p 2	Aortic Stenosis	Severe Liver Disease	Counter ²⁰⁰⁰ Delivery System Lot Serial # ²⁰⁰⁵⁵	Leaflet C	ip #1
	Mitral Regurgita	Predicted STS MV Re	UDI ²⁶²⁶⁰		
	Note: According	Predicted STS MV Rep	UDI Expiration Date ²¹²¹⁵ :	mm / dd /	
	→If Prior MV F →If Prior MV F	Unusual Extenuating	Location ²⁶²⁷⁰ :	0 A1P1 0 A2P2 0 A3P3	
	Effective Orifice	->If I Invessel Extension	Clip Deployed ²⁶²⁷⁵	0 No 0 Ye	15
	'	711 Onusuar Extentiating	→π no, keason;	O Inability to G O Inability to R O Mitral Steno O MV Injury O Device Malfi O Adverse Eve O Other	rasp Leaflets leduce MR sis unction ent











Pre-Procedure Echocardiogram Assessment According to DBS Statistic Internet Busingtion Statistic Internet Busingtion Statistic Internet Busingtion Statistic Internet Busingtion Other Of TradeTinet Distribution Busingtion Other Of TradeTinet Distribution Busingtion Distribution	TS/ACC TVT Registry ⁻	C	The Society of Thoracic Surgeons	Collige/ Collige/ Cardiology Forndation
According to ASE Guidelines integrated approach the Antie VolanceReleases freezeses Let Antie VolanceReleases freezeses Let Venticular Internal Detaction Demonstration Antic Reputption Other O Trace/Trade O Hother O Synder Volance O Hother Antic Reputption Other O Trace/Trade O Hother O Synder Volance Antic Reputption Other O Trace/Trade O Hother O Synder Volance Antic Reputption Other O Trace/Trade O Hother O Synder Volance Antic Reputption Other O Trace/Trade O Hother O Synder Volance Antic Reputption Other O Trace/Trade O Hother O Synder Volance Antic Reputption Other O Trace/Trade O Hother O Synder Volance Other O Trace/Trade O Hother O Synder Volance Other O Trace/Trade O Hother O Synder Volance Other Other O Trace/Trade O Hother O Synder Volance Other Other O Trace/Trade O Hother Other	Pre-Procedure Echocard	iogram Ass	essm	ent
Left André Volenne Indere:	European Descent Descent of		Accord AS Guide integr appro	ing to E lines ated bach
Left Ventricular Internal Systolic Dimension ¹⁰⁰ ,mm Left Ventricular Internal Systolic Dimension ¹⁰⁰ ,mm Left Ventricular End Systolic Volume ¹⁰ ,ft = Not Evaluated Arctic RespurgNation ¹⁰⁰⁰ , O Trace Trinial O Limited O Simoderate O Si-televen Arctic Stension D Notes O Trace/Trinial O Limited O Simoderate O Si-televen Arctic Stension D Notes O Trace/Trinial O Limited O Simoderate O Si-televen More Area (ECA) or EROA ¹⁰⁰ ,mm ¹ ,mm ¹ Effective Ortifice Area (EOA) or EROA ¹⁰⁰ ,mm ¹ More Area (Eco),mm ¹ Effective Ortifice Area (EOA) or EROA ¹⁰⁰ ,mm ¹ More Area (Eco),mm ¹ More Area (ECA) or EROA ¹⁰⁰ ,mm ¹ More Area (ECA)	LVEF ⁵⁰⁰⁵ % o LVEF Not Assessed ⁵⁰⁰⁶ Left Atrial V	ume: ml or LA Volume Index:	1 1002	
Left Ventricular Internal Districtic Dimension ¹⁰⁰ , on Left Ventricular End Districtic Volume ¹ on to Evaluated Acric Reprogramme Control (Control (Contro	Left Ventricular Internal Systolic Dimension ⁵⁰⁰⁶ :Cm Left Ventric	ar End Systolic Volume":	 Not Evaluated 	1
Arctic Regargitation ¹⁰⁶ : O None O Trace/Trivial O 1-Imited O 2-Imoderate O 3-4-Henry Arctic Benesist ¹⁰⁷ : O No O Yes Mited Regargitation ¹⁰⁶ : O None O Trace/Trivial O 2-Imited O 2-Imoderate O 3-Honore Mited Regargitation ¹⁰⁶ : O O Trace/Trivial O 1-Imited O 2-Imoderate O 3-Imoderate O 3-Imited Mited Regargitation ¹⁰⁶ : O O O O O O O O O O O O O O O O O O O	Left Ventricular Internal Diastolic Dimension ⁵⁰⁰⁰ : cm Left Ventric	ar End Diastolic Volume":	ml o Not Evaluate	d
Autric Stenois ¹⁰⁰⁷ : Olto O'tes Mitol Repurpteduct ¹⁰⁰⁰ : O'tes O'Tescof'Trial O't-indid O't-indid O't-indide or indiant according to the inding to the indiant according to the inding to the in	Aortic Regurgitation ⁵⁶³⁰ : O None O Trace/Trivial O 1+/mild O 2+	noderate 0.3-4+/sever		
Mitral Regulation ^{CMC} , Discow O Theorif Total Chemidel O Shinderdan O Shinderdan Chemidel Effective Online Area (EOA) or ERON (inc., Chemiden party Policy Chemiden Shinder Shinderd Chemiden Shinderd Chemiden Shinderd Chemiden Shinderd Chemiden Shinderd Chemiden Shinderd Shinder Shinderd S	Aortic Stenosis ⁵⁰⁰⁵ : O No O Yes			
Effective Onlice Area (EOA) or EROA ¹ ^{(m} , or ^(m) Method of Assessment: ⁰ 3.0 Parimetry OPBA MV Asses ¹⁰ ; or ^(m) OGuantizeve Dopplar O Other	Mitral Regurgitation ⁵⁰⁵ : O None O Trace/Trivial O 1+/mild O 2+/moderate Note: According to American Society of Echocardiography Guidelines integra	0 3+/moderat -severe 0 4+/sever	e	
MV Area ⁵⁷⁰ :	Effective Orifice Area (EOA) or EROA/ for: cm2 Method of Assessment	ent: O 3D Planimetry O Pl O Quantitative Docolar O O	SA	
MV Mean Gradient ¹⁷¹⁵ : mmHg	MV Area ⁵²¹⁰ : cm ²			
	MV Mean Gradient ⁵⁷¹⁵ :mmHg			
	NCDR 1	S tonal Database		
NCDR II FacourDonatese		the 's d'he pathy		





 MitraClip Procedure Indications Risk assessment – STS Risk Score Mitral valve repair (>=6% predicted risk of mortality) Mitral valve replacement (>= 8% predicted risk of mortality) Patient population considered "prohibitive risk" 	STS/ACC TVT Registry ⁻	The Society of Thoracic Surgeons	CARDIOLOGY COLLEGE/ CARDIOLOGY FOCUDATION
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	 Risk assessment – STS Risk S Mitral valve repair (>=6% predicte Mitral valve replacement (>= 8% mortality) Patient population considered risk" 	Score ed risk of morta predicted risk " <u>prohibitiv</u>	ality) of <u>e</u>
• units = 1 ¹⁰			











STS/ACC TVT Registry	The Society of Thoracic Surgeons	AMERICAN COLLIGE / CALDIOLOGY FOUNDATION
Mitral Module		
Mitral Valve-in-val	ve	
or valve-in-ring proce	dures	
COR NCDR		







STS/ACC TVT Registry"	The Society of Thoradd Surgeons
Valve-in-Valve and Va	alve-in-Ring
 Standard of care is repeat surge bioprosthetic valve degenerat despite placement of an annul 	gery for patients with tion or recurrent MR ar rings.
2. Those patients who have proh surgery have had no options f	ibitive risk for repeat or treatment.
3. Currently no FDA approved de transcatheter mitral valve repla	evices for acement
4. TVT Registry wants to capture cases using commercially app specifically Sapien.	these "off-label" roved valves,
NCDR 1575	tabase









STS/ACC TVT Registry ⁻	The Society of Thoracic Surgeons	CARDIOLOGY FOUNDATION
QUESTIONS?		
C NCDR II Standard Database		