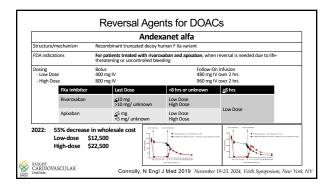
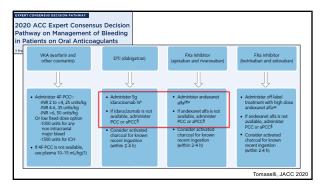


Study	DOACs	Major bleeding	ICH	GIB
Rocket-af 37	Rivaroxaban	3.60%	0.50%	3.20%
Dresden <sup>38</sup>	Rivaroxaban	3.40%	0.21%	1.49%
Aristotle 36	Apixaban	2.13%	0.33%	0.76%
Averroes 39	Apixaban	1.40%	0.40%	0.40%
OLDW 40	Apixaban	2.33%	0.29%	1.78%
	Dabigatran	2.37%	0.28%	1.97%
	Rivaroxaban	4.04%	0.44%	3.26%
Gloria AF Registry <sup>41</sup>	Dabigatran	0.68 per 100 patients/year	0.18 per 100 patients/year	0.35 per 100 patients/year
	Apixaban	0.93 per 100 patients/year	0.24 per 100 patients/year	0.31 per 100 patients/year
Xantus 42	Rivaroxaban	1.90%	0.40%	0.80%
ETNA-AF-Europe 43	Edoxaban	1.05%	0.24%	0.40%
Ann	ual Bleedin	a Risk:	Al Aseri, J Cardiovas	sc Pharm Therapeut 2023
	varoxaban			
	ixaban	1-2%		

		Idarı	ıcizumab
Structure/mechanism	Monocl	onal antibody Fab fragr	nent against dabigatran
FDA indications	For patients treated with dabigatran when reversal is needed for emergency surgery/ urgent procedures, in life-threatening or uncontrolled bleeding		
Dosing	Initial IV 5 g	/ Bolus	Follow-On IV Infusion 5 g
Half-life (hrs)	47 min		
Precaution	Thromb	oembolic risk, re-elevat	ion of coagulation parameters, hypersensitivity
Cost	AWP = \$	\$3600-\$3800 per dose	
NOAC several agent	Target	Michaelan	Monoclonal Ab fragment
52	-	27	- Irreversible binding to free- and thrombin-
terretormet	Debigetnen	n The States	bound dabigatran
<u>~</u> 3		5.3	<ul> <li>Increases dabigatran elimination</li> </ul>





NETWORK Open.		Meta-a	nalysis of 36 s	tudies (1832 pt	s)
Augustiventpere 1 Neurology Evaluation of Direct Oral Anticoagulant Reversal Agents			4F-PCC (967 pts)	Andexanet (525 pts)	Idarucizumab (340 pts)
In Intercential Hemorrhage A Systematic Review and Meta-analysis Intercenting to the service of phila Stochastic Analysis Intercenting to the service of phila Stochastic Analysis (Intercenting Million Context) and Tengeter, Million Intercenting Tenther and Analysis (Intercenting Context) and Analysis (Intercenting Analysis) Intercenting Tenther and Analysis (Intercenting Context) and Analysis (Intercenting Analysis) Interventing Context, Analysis (Interventing Context) and Analysis (Interventing Context) Interventing Context, Analysis (Interventing Context)	All-cau	ig reversal se mortality iosis events	77% 26% 8%	75% 24% 14%	82% 11% 5%
Diff         Diff <thdif< th="">         Diff         <thdiff< th="">         Di</thdiff<></thdif<>		on of 4F-PC		net Alfa for Pr	oportion of:
Balante proc Co				EVANCE: In the	
Operation         Operation <t< td=""><td>:Mortality</td><td>anticoagulat rates app agents for n</td><td>eared similar a nanaging ICH. (</td><td>ortality, and thror mong available [ Cost, institutional</td><td>mboembolic even DOAC reversal formulary status,</td></t<>	:Mortality	anticoagulat rates app agents for n	eared similar a nanaging ICH. (	ortality, and thror mong available [ Cost, institutional	mboembolic even DOAC reversal formulary status,
Bit Control         Distance         Distance <thdistance< th="">         Distance         Distance</thdistance<>	:Mortality	anticoagulat rates app agents for n and availabi	tion reversal, m beared similar a nanaging ICH. (	ortality, and thror mong available [	mboembolic even DOAC reversal formulary status,

The NEW ENGLAND JOURNAL of MEDICINE	Event	Andexanet (N = 263)	Usual Care (N=267)	Increase per 100 Patients (95% CI)†	P Value†
NAT 10/21, 2024		no. of pa	vients (%)	percentage points	
	al Thrombotic event	27 (10.3)	15 (5.6)	4.6 (0.1 to 9.2)	0.048
Andexanet for Factor Xa Inhibitor-Associated Acute Intracerebral Hemorrhage	Transient ischemic attack	0	0	-	
Corrolly, M. Sharma, A.T. Cohen, A.M. Demchuk, A.C. donkowska, A.G. Lindgren, C.A. Molina, D. Berech	Ischemic stroke	17 (6.5)	4 (1.5)	5.0 (1.5 to 8.8)	
. Selfge, D. Tanne, E.C. Sandaet, G. Taivgoulis, H. Christensen, J. Beyer Westendorf, J.M. Coutinho, M. P. Verhamme, P. Amarenco, R.O. Roine, R. Mikalik, R. Lemmens, R. Velkamp, S. Middeldorp, T.G. Rob	Myocardial infarction	11 (4.2)	4 (1.5)	2.7 (-0.2 to 6.1)	
. Milling, Jr., V. Tediro-Couz, W. Lang, A. Himmelmann, P. Ladenvall, M. Knuttson, E. Diholm, A. Lau, J. system, L. Xu, K. Tsiplova, S. Poli, B. Kaliminzer, C. Gumbinger, and A. Sheamanesh, for the ANNEXA-1 Inv	Deep-vein thrombosis	1 (0.4)	2 (0.7)	-0.4 (-2.4 to 1.5)	
Connolly, N Engl J Med 2024	Pulmonary embolism	1 (0.4)	6 (2.2)	-1.9 (-4.5 to 0.2)	
Controlity, 14 Erigi 5 Mild 2024	Arterial systemic embolism	3 (1.1)	2 (0.7)	0.4 (-1.7 to 2.7)	
	Death	73 (27.8)	68 (25.5)	2.5 (-5.0 to 10.0)	0.51
530 pts who had taken a randomized to Andexan	FXa inhibitor withir	15 hrs of	an acut	1 1	0.51
	FXa inhibitor withir	15 hrs of .5% PCC)	an acut	e ICH were	0.71
	FXa inhibitor withir et vs Usual Care (85	15 hrs of .5% PCC). Usu	an acut	e ICH were	0.31
randomized to Andexan	a FXa inhibitor within et vs Usual Care (85 Andexanet 67.0%	15 hrs of .5% PCC) Usu	an acut al Care (	e ICH were PCC)	0.31
randomized to Andexan	a FXa inhibitor within et vs Usual Care (85 Andexanet 67.0%	15 hrs of .5% PCC). Usu	an acut al Care ( 53.1%	e ICH were PCC) P=.003	0.31
randomized to Andexan – Hemostatic efficacy – ↓ anti-factor Xa activity – Modified Rankin 0-3	FXa inhibitor within et vs Usual Care (85 Andexanet 67.0% 94.5% 28%	15 hrs of .5% PCC). Usu	an acut al Care ( 53.1% 26.9%	e ICH were PCC) P=.003 P<.001 NS	0.31
randomized to Andexan – Hemostatic efficacy – ↓ anti-factor Xa activity	FXa inhibitor within et vs Usual Care (85 Andexanet 67.0% 94.5%	15 hrs of .5% PCC). Usu	an acut al Care ( 53.1% 26.9%	e ICH were PCC) P=.003 P<.001	0.24

