

# SCA et FA: Nouveautés

## Anticoagulation 2019: Cancer, Coronaires et Interactions

**SSVQ 22 mars 2019**

**Jean-François Tanguay MD**

**Professeur titulaire médecine**

**Directeur, MD-Recherche & Cardiologie Interventionnelle**

**Titulaire Chaire de recherche Desgroseillers-Bérard en  
cardiologie interventionnelle**

**Université de Montréal**

**Chef, Service d'hémodynamie**

**Institut de Cardiologie de Montréal**



Faculté de médecine

Université   
de Montréal et du monde.

# Déclaration des conflits d'intérêt potentiels

Jean-François Tanguay, MD, FRCPC, FCCS, FACC, FAHA, FESC

- **Honoraires/consultant:** Abbott Vascular, Actelion, Astra-Zeneca, Bayer, Novartis.
- **Recherche clinique:** Abbott Vascular, Actelion, Astra-Zeneca, Bayer, Biosensors, Idorsia, Novartis.
- **Autres:** Research grants CIHR, HSFC, NIH, Co-Chair CCS Guidelines on Antiplatelet Therapy.
- **Conférencier:** Abbott Vascular, Actelion, Astra-Zeneca, Bayer, Novartis, Servier.



INSTITUT DE  
CARDIOLOGIE  
DE MONTRÉAL

Faculté de médecine  
Université   
de Montréal et du monde.



# Objectifs

À la fin de cette activité, vous serez en mesure de :

- **Discuter de l'importance de la thérapie antithrombotique en prévention secondaire post SCA.**
- **Évaluer l'interaction entre les thérapies antiplaquettaires et anticoagulantes chez les patients avec SCA et FA.**
- **Réfléchir comment appliquer les nouvelles données d'études randomisées utilisant un anticoagulant en association avec l'ASA ou la thérapie antiplaquettaire double.**

# Cas #1

64 ANS

STEMI ANTÉRIEUR DILATÉ AVEC 1 DES  
TICAGRELOR + ASA

AU CONGÉ 'FA DE NOVO' ET IVG  
CHADS2 = 1 (CHF)

**QUE FAIRE?**

# AF and PCI for ACS or high-risk<sup>1</sup> elective PCI

Age < 65 **and** CHADS<sub>2</sub> = 0

**ASA + P<sub>2</sub>Y<sub>12</sub> inhibitor<sup>2</sup>**  
(ticagrelor, prasugrel  
preferred over clopidogrel for ACS)  
Duration after PCI: Up to 12 months

ASA +/- P<sub>2</sub>Y<sub>12</sub> inhibitor<sup>5</sup>

Age ≥ 65 **or** CHADS<sub>2</sub> ≥ 1\*

**Reduced OAC<sup>3</sup> + ASA + clopidogrel**  
ASA: stop 1 day post PCI or any time up  
to 6 months<sup>4</sup>  
Followed by: **clopidogrel + OAC**  
Duration after PCI: Up to 12 months

OAC<sup>6</sup> +/- SAPT

**\*If CHADS<sub>2</sub> = 1 and Age < 65 another option for initial treatment (especially if high-risk for ischemic events) is DAPT alone using ASA+ticagrelor or ASA+prasugrel, similar to the recommendation for the CHADS<sub>2</sub>=0 patient**

1. A PCI is considered high-risk based on clinical and angiographic features such as: diabetes, prior ACS, chronic renal dysfunction (creatinine clearance < 60 mL/min), prior stent thrombosis, current smoker, multi-vessel coronary artery disease, multiple stents implanted, complex bifurcation lesion, total stent length > 60 mm, chronic total occlusion intervention or bioabsorbable vascular scaffold implantation.
2. Ticagrelor and prasugrel are recommended in ACS patients, whereas clopidogrel is recommended for elective PCI.
3. Regimens evaluated in the context of triple therapy include rivaroxaban 2.5 mg BID or warfarin. If warfarin is to be used, recommended INR target is 2.0–2.5. OAC options evaluated in the context of a dual pathway strategy include rivaroxaban 15 mg daily (plus clopidogrel) or dabigatran 110 mg/150 mg BID (plus clopidogrel).
4. DAPT will have been started as part of ACS management or prior to high risk elective PCI. ASA may be discontinued as early as the day following PCI or it can be continued longer term (eg. 1, 3 or maximum 6 months after PCI). The timing of when to discontinue ASA will vary, depending on the individual patient's ischemic and bleeding risk.
5. A P<sub>2</sub>Y<sub>12</sub> inhibitor can be added to ASA if high-risk clinical or angiographic features of ischemic events and low risk of bleeding.
6. The dose of OAC beyond 1 year after PCI should be standard stroke prevention doses as per the CCS Atrial Fibrillation Guidelines. Single antiplatelet therapy with either ASA or clopidogrel may be added to OAC if high-risk clinical or angiographic features of ischemic events and low risk of bleeding.

AF: atrial fibrillation; ACS: acute coronary syndrome; ASA: acetylsalicylic acid; OAC: oral anticoagulant; PCI: percutaneous coronary intervention; DAPT: dual antiplatelet therapy; SAPT: single antiplatelet therapy

# Dual Pathway and Triple Therapy Regimens Evaluated in Clinical Trials

Dual Pathway	Triple Therapy
1. Rivaroxaban 15 mg daily + clopidogrel 75 mg daily <sup>1</sup>	1. Rivaroxaban 2.5 mg BID + ASA 81 mg daily + clopidogrel 75 mg daily <sup>1</sup>
2. Dabigatran 110* or 150 mg BID + clopidogrel 75 mg daily <sup>2</sup>	2. Warfarin (INR 2.0-2.5) + ASA 81 mg daily + clopidogrel 75 mg daily <sup>4</sup>
3. Warfarin + clopidogrel 75 mg daily <sup>3</sup>	

\*In the RE-DUAL PCI trial, the 110 mg BID dabigatran dose was associated with a trend to a higher risk of death or thrombotic events (11% versus 8.5%, hazard ratio 1.30, 95% CI 0.98-1.73, P=0.07). This risk was not observed with the 150 mg BID dose (7.9% versus 7.9%, hazard ratio 0.97, 95% CI 0.68-1.39, P=0.44). Therefore, in patients who are not at high risk of bleeding, the dabigatran 150 mg BID dose, when used in combination with clopidogrel 75 mg daily (ASA omitted), may be preferable.

1. PIONEER-AF: Gibson CM et al. NEJM 2016;375:2423]
2. RE-DUAL PCI: Cannon CP et al. NEJM 2017; 377:1513-1524
3. WOEST: Dewilde et al., Lancet 2013;381:1107-15
4. ISAR Triple :Fiedler et al . J Am Coll Cardiol 2015;65:1619-29

# AF and PCI for ACS or high-risk<sup>1</sup> elective PCI

Age < 65 **and** CHADS<sub>2</sub> = 0

**ASA + P<sub>2</sub>Y<sub>12</sub> inhibitor<sup>2</sup>**  
(ticagrelor, prasugrel  
preferred over clopidogrel for ACS)  
Duration after PCI: Up to 12 months

ASA +/- P<sub>2</sub>Y<sub>12</sub> inhibitor<sup>5</sup>

Age ≥ 65 **or** CHADS<sub>2</sub> ≥ 1\*

**Reduced OAC<sup>3</sup> + ASA + clopidogrel**  
ASA: stop 1 day post PCI or any time up  
to 6 months<sup>4</sup>  
Followed by: **clopidogrel + OAC**  
Duration after PCI: Up to 12 months

OAC<sup>6</sup> +/- SAPT

**\*If CHADS<sub>2</sub> = 1 and Age < 65 another option for initial treatment (especially if high-risk for ischemic events) is DAPT alone using ASA+ticagrelor or ASA+prasugrel, similar to the recommendation for the CHADS<sub>2</sub>=0 patient**

1. A PCI is considered high-risk based on clinical and angiographic features such as: diabetes, prior ACS, chronic renal dysfunction (creatinine clearance < 60 mL/min), prior stent thrombosis, current smoker, multi-vessel coronary artery disease, multiple stents implanted, complex bifurcation lesion, total stent length > 60 mm, chronic total occlusion intervention or bioabsorbable vascular scaffold implantation.
2. Ticagrelor and prasugrel are recommended in ACS patients, whereas clopidogrel is recommended for elective PCI.
3. Regimens evaluated in the context of triple therapy include rivaroxaban 2.5 mg BID or warfarin. If warfarin is to be used, recommended INR target is 2.0–2.5. OAC options evaluated in the context of a dual pathway strategy include rivaroxaban 15 mg daily (plus clopidogrel) or dabigatran 110 mg/150 mg BID (plus clopidogrel).
4. DAPT will have been started as part of ACS management or prior to high risk elective PCI. ASA may be discontinued as early as the day following PCI or it can be continued longer term (eg. 1, 3 or maximum 6 months after PCI). The timing of when to discontinue ASA will vary, depending on the individual patient's ischemic and bleeding risk.
5. A P<sub>2</sub>Y<sub>12</sub> inhibitor can be added to ASA if high-risk clinical or angiographic features of ischemic events and low risk of bleeding.
6. The dose of OAC beyond 1 year after PCI should be standard stroke prevention doses as per the CCS Atrial Fibrillation Guidelines. Single antiplatelet therapy with either ASA or clopidogrel may be added to OAC if high-risk clinical or angiographic features of ischemic events and low risk of bleeding.

AF: atrial fibrillation; ACS: acute coronary syndrome; ASA: acetylsalicylic acid; OAC: oral anticoagulant; PCI: percutaneous coronary intervention; DAPT: dual antiplatelet therapy; SAPT: single antiplatelet therapy

# Cas #1

64 ANS

STEMI ANTÉRIEUR DILATÉ AVEC 1 DES

TICAGRELOR + ASA

AU CONGÉ 'FA DE NOVO' ET IVG

CHADS2 = 1 (CHF)

**QUE FAIRE?**

**Risque ischémique vs thromboembolique vs saignement**

**ASA+ticagrelor 6-12 mois puis NACO + ASA**



# Cas #2

82 ANS

FA DE LONGUE DATE SOUS APIXABAN 2.5MG BID  
(POIDS= 55 Kg)

NSTEMI AVEC TROPONINE 850

DILATATION AVEC 4 STENTS DONT 1 KISSING IVA-D1

LE CARDIOLOGUE AIMERAIT TICAGRELOR X12 mois  
ET MEME 24-36 MOIS... (PEGASUS?)

**QUE FAIRE?**

## High-risk clinical and angiographic features for thrombotic events

Clinical	Angiographic
Prior myocardial infarction or troponin positive acute coronary syndrome	Multiple stents ( $\geq 3$ stents implanted, $\geq 3$ lesions stented)
Diabetes Mellitus treated with oral hypoglycemics or insulin <sup>+</sup>	Long lesion length ( $> 60$ mm total stent length)
Chronic kidney disease (creatinine clearance $\leq 60$ ml/min)	Complex lesions (bifurcation treated with 2 stents, stenting of chronic occlusion)
Prior stent thrombosis	Left main or proximal LAD stenting
	Multivessel PCI

# Factors associated with increased bleeding risk

1.	Need for OAC in addition to DAPT
2.	Advanced age (> 75 years)
3.	Frailty
4.	Anemia with hemoglobin < 110 g/dL
5.	Chronic renal failure (creatinine clearance < 40 mL/min)
6.	Low Body Weight (< 60 kg)
7.	Hospitalization for bleeding within last year
8.	Prior stroke/intracranial bleed
9.	Regular need for NSAIDS or prednisone

# AF and PCI for ACS or high-risk<sup>1</sup> elective PCI

Age < 65 **and** CHADS<sub>2</sub> = 0

**ASA + P<sub>2</sub>Y<sub>12</sub> inhibitor<sup>2</sup>**  
(ticagrelor, prasugrel  
preferred over clopidogrel for ACS)  
Duration after PCI: Up to 12 months

ASA +/- P<sub>2</sub>Y<sub>12</sub> inhibitor<sup>5</sup>

Age ≥ 65 **or** CHADS<sub>2</sub> ≥ 1\*

**Reduced OAC<sup>3</sup> + ASA + clopidogrel**  
ASA: stop 1 day post PCI or any time up  
to 6 months<sup>4</sup>  
Followed by: **clopidogrel + OAC**  
Duration after PCI: Up to 12 months

OAC<sup>6</sup> +/- SAPT

**\*If CHADS<sub>2</sub> = 1 and Age < 65 another option for initial treatment (especially if high-risk for ischemic events) is DAPT alone using ASA+ticagrelor or ASA+prasugrel, similar to the recommendation for the CHADS<sub>2</sub>=0 patient**

1. A PCI is considered high-risk based on clinical and angiographic features such as: diabetes, prior ACS, chronic renal dysfunction (creatinine clearance < 60 mL/min), prior stent thrombosis, current smoker, multi-vessel coronary artery disease, multiple stents implanted, complex bifurcation lesion, total stent length > 60 mm, chronic total occlusion intervention or bioabsorbable vascular scaffold implantation.
2. Ticagrelor and prasugrel are recommended in ACS patients, whereas clopidogrel is recommended for elective PCI.
3. Regimens evaluated in the context of triple therapy include rivaroxaban 2.5 mg BID or warfarin. If warfarin is to be used, recommended INR target is 2.0–2.5. OAC options evaluated in the context of a dual pathway strategy include rivaroxaban 15 mg daily (plus clopidogrel) or dabigatran 110 mg/150 mg BID (plus clopidogrel).
4. DAPT will have been started as part of ACS management or prior to high risk elective PCI. ASA may be discontinued as early as the day following PCI or it can be continued longer term (eg. 1, 3 or maximum 6 months after PCI). The timing of when to discontinue ASA will vary, depending on the individual patient's ischemic and bleeding risk.
5. A P<sub>2</sub>Y<sub>12</sub> inhibitor can be added to ASA if high-risk clinical or angiographic features of ischemic events and low risk of bleeding.
6. The dose of OAC beyond 1 year after PCI should be standard stroke prevention doses as per the CCS Atrial Fibrillation Guidelines. Single antiplatelet therapy with either ASA or clopidogrel may be added to OAC if high-risk clinical or angiographic features of ischemic events and low risk of bleeding.

AF: atrial fibrillation; ACS: acute coronary syndrome; ASA: acetylsalicylic acid; OAC: oral anticoagulant; PCI: percutaneous coronary intervention; DAPT: dual antiplatelet therapy; SAPT: single antiplatelet therapy

# Dual Pathway and Triple Therapy Regimens Evaluated in Clinical Trials

Dual Pathway	Triple Therapy
1. Rivaroxaban 15 mg daily + clopidogrel 75 mg daily <sup>1</sup>	1. Rivaroxaban 2.5 mg BID + ASA 81 mg daily + clopidogrel 75 mg daily <sup>1</sup>
2. Dabigatran 110* or 150 mg BID + clopidogrel 75 mg daily <sup>2</sup>	2. Warfarin (INR 2.0-2.5) + ASA 81 mg daily + clopidogrel 75 mg daily <sup>4</sup>
3. Warfarin + clopidogrel 75 mg daily <sup>3</sup>	

\*In the RE-DUAL PCI trial, the 110 mg BID dabigatran dose was associated with a trend to a higher risk of death or thrombotic events (11% versus 8.5%, hazard ratio 1.30, 95% CI 0.98-1.73, P=0.07). This risk was not observed with the 150 mg BID dose (7.9% versus 7.9%, hazard ratio 0.97, 95% CI 0.68-1.39, P=0.44). Therefore, in patients who are not at high risk of bleeding, the dabigatran 150 mg BID dose, when used in combination with clopidogrel 75 mg daily (ASA omitted), may be preferable.

1. PIONEER-AF: Gibson CM et al. NEJM 2016;375:2423]
2. RE-DUAL PCI: Cannon CP et al. NEJM 2017; 377:1513-1524
3. WOEST: Dewilde et al., Lancet 2013;381:1107-15
4. ISAR Triple :Fiedler et al . J Am Coll Cardiol 2015;65:1619-29



ACC.19™

68<sup>th</sup> Annual Scientific Session & Expo

# Apixaban vs VKA and Aspirin vs Placebo in Patients with Atrial Fibrillation and ACS/PCI: The AUGUSTUS Trial

Renato D. Lopes, MD, PhD  
on behalf of the AUGUSTUS  
Investigators



Duke Clinical Research Institute



Bristol-Myers Squibb



NEW  
ORLEANS  
MARCH 16 - 18  
2019



## Two Independent Hypotheses

### In patients with AF and ACS or PCI on a P2Y<sub>12</sub> inhibitor

1. Apixaban is non-inferior to VKA for International Society on Thrombosis and Haemostasis (ISTH) major or clinically relevant non-major (CRNM) bleeding
2. Aspirin is inferior to placebo for ISTH major or CRNM bleeding in patients on oral anticoagulation (OAC)

### INCLUSION

- Atrial fibrillation (prior, persistent, >6 hr)
  - Physician decision for OAC
- Acute coronary syndrome or PCI
  - Planned P2Y<sub>12</sub> inhibitor for ≥6 months

**Randomize**  
n=4600  
patients

### EXCLUSION

- Contraindication to DAPT
- Other reason for VKA (prosthetic valve, moderate / severe mitral stenosis)

**Apixaban 5 mg BID**

Apixaban 2.5 mg BID in selected patients

Open  
Label

**VKA**

(INR 2–3)

**Aspirin**

Double  
Blind

**Placebo**

*Aspirin for all on the day of ACS or PCI  
Aspirin versus placebo after randomization*

**Aspirin**

Double  
Blind

**Placebo**

**Primary outcome:** ISTH major / CRNM bleeding  
**Secondary outcome(s):** death / hospitalization, death / ischemic events

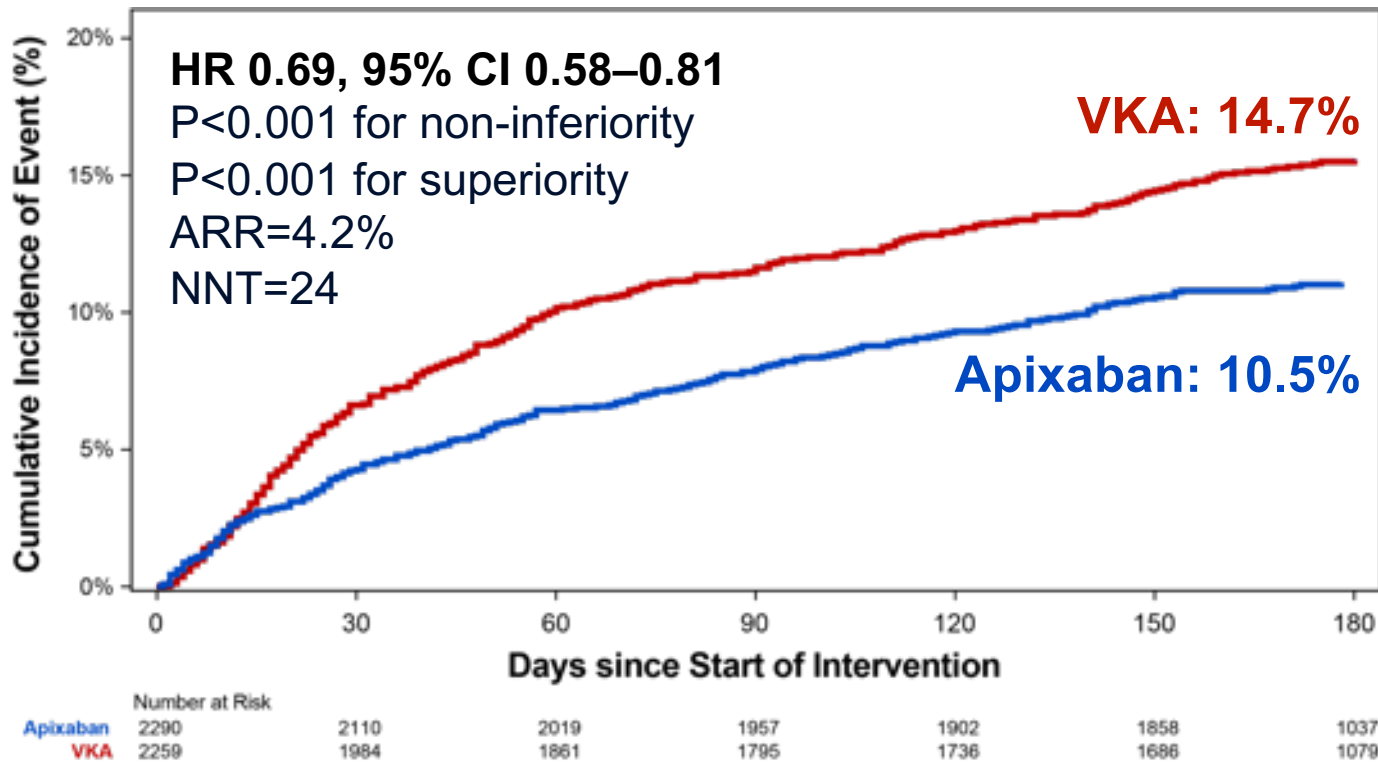


# Baseline Characteristics

	Total (N=4614)
Age, median (25 <sup>th</sup> , 75 <sup>th</sup> ), years	70.7 (64.2, 77.2)
Female, %	29.0
CHA <sub>2</sub> DS <sub>2</sub> -VASc score, mean (SD)	3.9 (1.6)
CHA <sub>2</sub> DS <sub>2</sub> -VASc score, mean (SD)	3.9 (1.6)
HAS-BLED score, mean (SD)	2.9 (0.9)
Prior OAC, %	49.0
P2Y <sub>12</sub> inhibitor, %	
Clopidogrel	92.6
Qualifying index event, %	
ACS and PCI	37.3
ACS and no PCI	23.9
Elective PCI	38.8

# Major / CRNM Bleeding

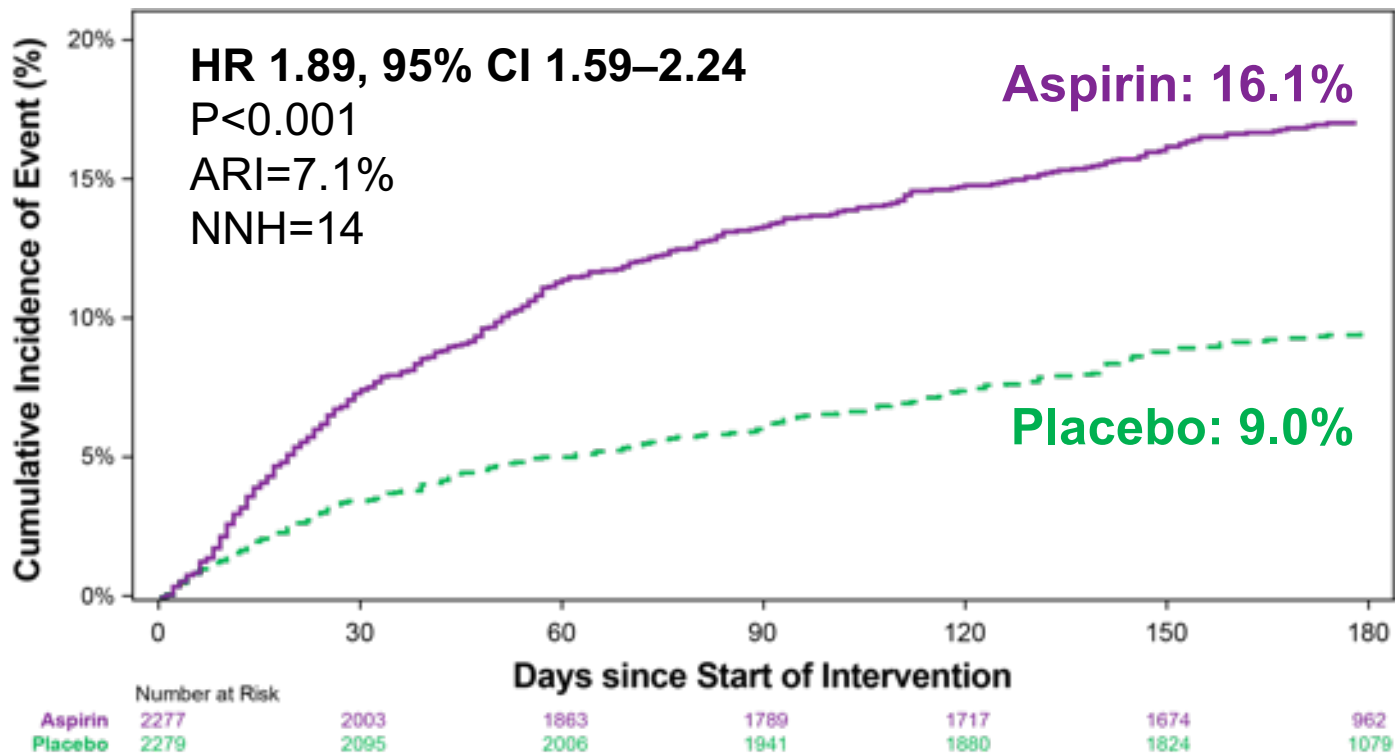
## Apixaban vs. VKA



ARR: absolute risk reduction  
 NNT: number needed to treat

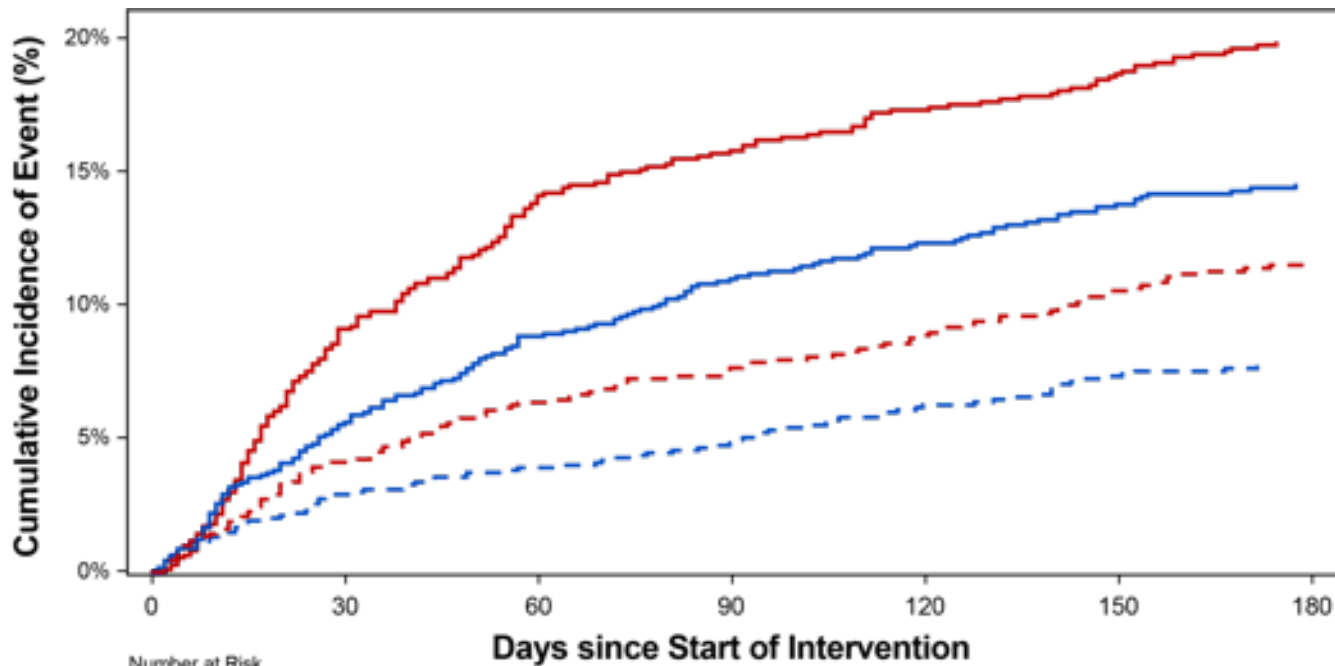
# Major / CRNM Bleeding

## Aspirin vs. Placebo



ARI: absolute risk increase  
 NNH: number needed to harm

# Major / CRNM Bleeding



VKA + Aspirin (18.7%)

Apixaban + Aspirin (13.8%)

VKA + Placebo (10.9%)

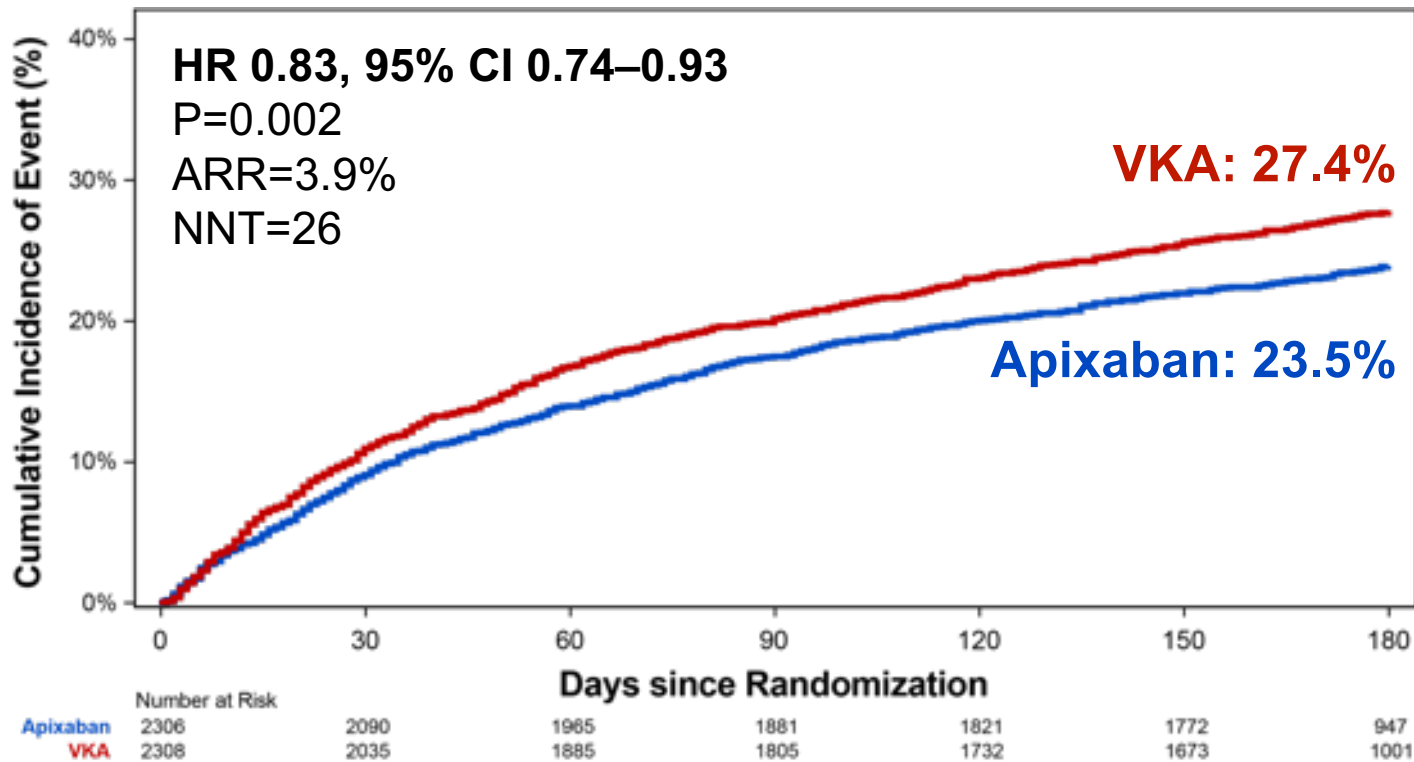
Apixaban + Placebo (7.3%)

	0	30	60	90	120	150	180
Apixaban and Aspirin	1145	1036	975	937	903	880	485
Apixaban and Placebo	1143	1075	1044	1007	975	947	536
VKA and Aspirin	1123	962	881	838	800	776	467
VKA and Placebo	1126	1007	947	917	883	851	528

**Apixaban + Placebo vs. VKA + Aspirin:**  
11.4% absolute risk reduction (NNT=9)

# Death / Hospitalization

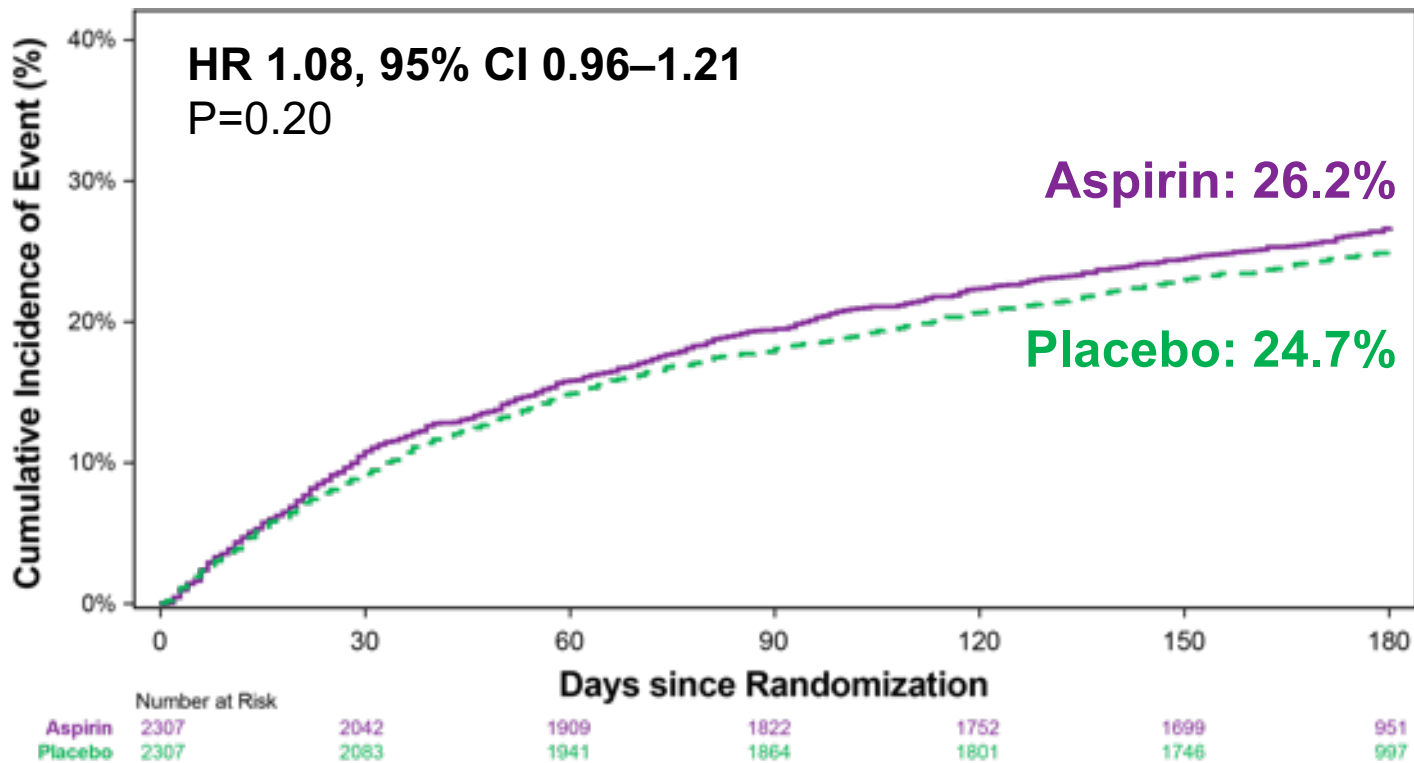
## Apixaban vs. VKA



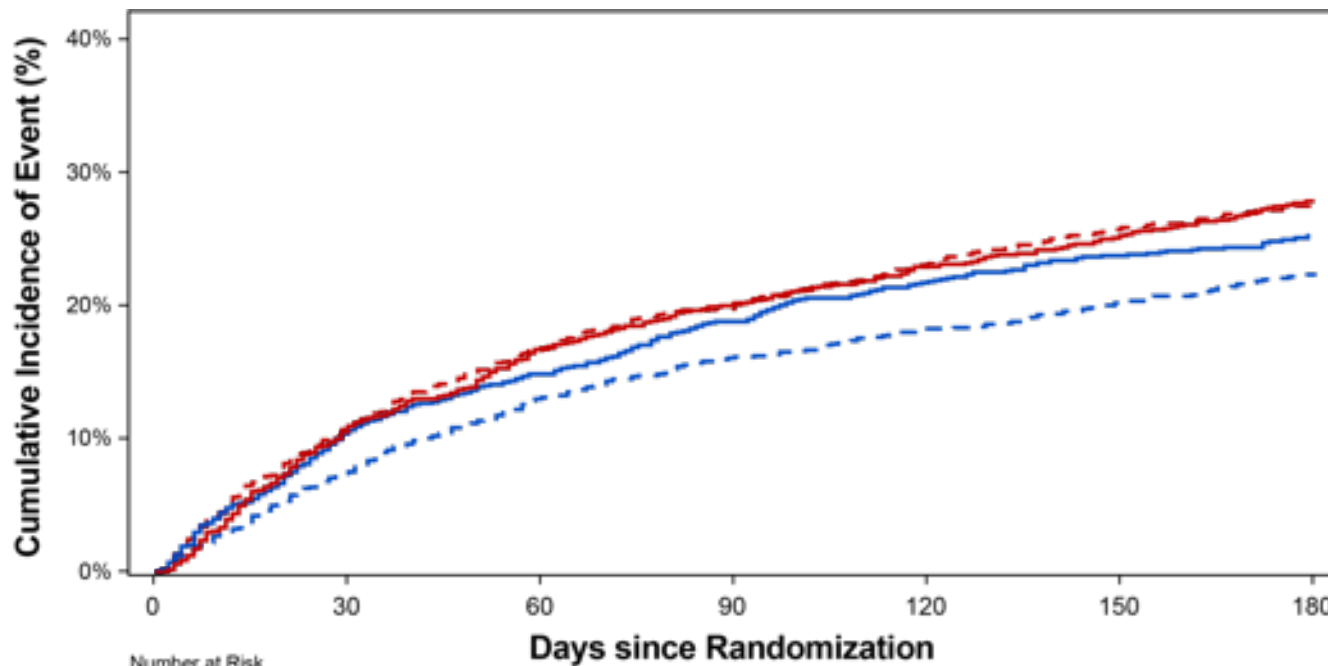
ARR: absolute risk reduction  
 NNT: number needed to treat

# Death / Hospitalization

## Aspirin vs. Placebo



# Death / Hospitalization



**VKA + Aspirin (27.5%)**  
**VKA + Placebo (27.3%)**  
**Apixaban + Aspirin (24.9%)**  
**Apixaban + Placebo (22.0%)**

	Number at Risk						
	0	30	60	90	120	150	180
Apixaban and Aspirin	1153	1026	970	923	888	863	459
Apixaban and Placebo	1153	1064	995	958	933	909	488
VKA and Aspirin	1154	1016	939	899	864	836	492
VKA and Placebo	1154	1019	946	906	868	837	509

**Apixaban + Placebo  
vs. VKA + Aspirin:  
5.5% absolute risk  
reduction (NNT=18)**

# Ischemic Outcomes

## Apixaban vs. VKA

Endpoint	Apixaban (N=2306)	VKA (N=2308)	HR (95% CI)
Death / Ischemic Events (%)	6.7	7.1	0.93 (0.75–1.16)
Death (%)	3.3	3.2	1.03 (0.75–1.42)
CV Death (%)	2.5	2.3	1.05 (0.72–1.52)
<b>Stroke (%)</b>	<b>0.6</b>	<b>1.1</b>	<b>0.50 (0.26–0.97)</b>
Myocardial Infarction (%)	3.1	3.5	0.89 (0.65–1.23)
Definite or Probable Stent Thrombosis (%)	0.6	0.8	0.77 (0.38–1.56)
Urgent Revascularization (%)	1.7	1.9	0.90 (0.59–1.38)
<b>Hospitalization (%)</b>	<b>22.5</b>	<b>26.3</b>	<b>0.83 (0.74–0.93)</b>



# Ischemic Outcomes

## Aspirin vs. Placebo

Endpoint	Aspirin (N=2307)	Placebo (N=2307)	HR (95% CI)
Death / Ischemic Events (%)	6.5	7.3	0.89 (0.71–1.11)
Death (%)	3.1	3.4	0.91 (0.66–1.26)
CV Death (%)	2.3	2.5	0.92 (0.63–1.33)
Stroke (%)	0.9	0.8	1.06 (0.56–1.98)
Myocardial Infarction (%)	2.9	3.6	0.81 (0.59–1.12)
Definite or Probable Stent Thrombosis (%)	0.5	0.9	0.52 (0.25–1.08)
Urgent Revascularization (%)	1.6	2.0	0.79 (0.51–1.21)
Hospitalization (%)	25.4	23.4	1.10 (0.98–1.24)



## Conclusion

In patients with atrial fibrillation and a recent acute coronary syndrome or PCI treated with a P2Y<sub>12</sub> inhibitor, an antithrombotic regimen that included apixaban, without aspirin, resulted in less bleeding and fewer hospitalizations without significant differences in ischemic events than regimens that included a vitamin K antagonist, aspirin, or both



The NEW ENGLAND  
JOURNAL of MEDICINE

ORIGINAL ARTICLE

## Antithrombotic Therapy after Acute Coronary Syndrome or PCI in Atrial Fibrillation

Renato D. Lopes, M.D., Ph.D., Gretchen Heizer, M.S., Ronald Aronson, M.D.,  
Amit N. Vora, M.D., M.P.H., Tyler Massaro, Ph.D., Roxana Mehran, M.D.,  
Shaun G. Goodman, M.D., Stephan Windecker, M.D., Harald Darius, M.D.,  
Jia Li, Ph.D., Oleg Averkov, M.D., Ph.D., M. Cecilia Bahit, M.D.,  
Otavio Berwanger, M.D., Ph.D., Andrzej Budaj, M.D., Ph.D.,  
Ziad Hijazi, M.D., Ph.D., Alexander Parkhomenko, M.D., Ph.D.,  
Peter Sinnaeve, M.D., Ph.D., Robert F. Storey, M.D., Holger Thiele, M.D.,  
Dragos Vinereanu, M.D., Ph.D., Christopher B. Granger, M.D., and  
John H. Alexander, M.D., M.H.S., for the AUGUSTUS Investigators\*

# Dual Pathway and Triple Therapy Regimens Evaluated in Clinical Trials

Dual Pathway	Triple Therapy
1. Rivaroxaban 15 mg daily + clopidogrel 75 mg daily <sup>1</sup>	1. Rivaroxaban 2.5 mg BID + ASA 81 mg daily + clopidogrel 75 mg daily <sup>1</sup>
2. Dabigatran 110* or 150 mg BID + clopidogrel 75 mg daily <sup>2</sup>	<del>2. Warfarin (INR 2.0-2.5) + ASA 81 mg daily + clopidogrel 75 mg daily<sup>4</sup></del>
3. Apixaban 5 mg bid + clopidogrel 75 mg daily <sup>3</sup>	

\*In the RE-DUAL PCI trial, the 110 mg BID dabigatran dose was associated with a trend to a higher risk of death or thrombotic events (11% versus 8.5%, hazard ratio 1.30, 95% CI 0.98-1.73, P=0.07). This risk was not observed with the 150 mg BID dose (7.9% versus 7.9%, hazard ratio 0.97, 95% CI 0.68-1.39, P=0.44). Therefore, in patients who are not at high risk of bleeding, the dabigatran 150 mg BID dose, when used in combination with clopidogrel 75 mg daily (ASA omitted), may be preferable.

1. PIONEER-AF: Gibson CM et al. NEJM 2016;375:2423]
2. RE-DUAL PCI: Cannon CP et al. NEJM 2017; 377:1513-1524
3. WOEST: Dewilde et al., Lancet 2013;381:1107-15
4. ISAR Triple :Fiedler et al . J Am Coll Cardiol 2015;65:1619-29

# Conclusions

À la fin de cette activité, vous êtes en mesure de :

- **Discuter de l'importance de la thérapie antithrombotique en prévention secondaire post SCA.**
- **Évaluer l'interaction entre les thérapies antiplaquettaires et anticoagulantes chez les patients avec SCA et FA.**
- **Réfléchir comment appliquer les nouvelles données d'études randomisées utilisant un anticoagulant en association avec l'ASA ou la thérapie antiplaquettaire double.**