

Curriculum Vitae

Mr. ABOYANS Victor, Né le 19 / 06 / 1967

Nationalité : Française

Situation familiale : marié, quatre enfants

Situation professionnelle actuelle :

Activité Médicale :

- Cardiologue, Chef de Service de Cardiologie, CHU de Limoges.
- Chef de Pôle Inter-Hospitalier de Cardiologie Limoges – Saint-Junien.

Activité d'Enseignement et de Recherche :

- Professeur des Universités (PU-PH, 1ère classe) Faculté de Médecine, Université de Limoges.
- Membre de l'Equipe INSERM 1094 : « Neuroépidémiologie Tropicale et Comparée (NETEC) », Université de Limoges.
- Membre du Réseau de FACT (French Alliance for Cardiovascular Trials).

Autres Activités :

- Président de l'Association de Cardiologie du Limousin, filiale de la Fédération Française de Cardiologie.

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Numéro d'inscription à l'ordre des médecins : 87/2650

Numéro RPPS : 10002939808

Diplômes

- **BACCALAUREAT SERIE D**, mention Bien, 1985, académie de Nice.

Cursus Médical :

- Admis au concours de PCEM1, 1985-86, Université de Nice-Sophia Antipolis.
 - Etudes médicales de 1^{er} & 2^{ème} cycle à la faculté de médecine de Nice.
 - Admis au Concours National de l'Internat en Médecine, 1991-1992, région Sud-Ouest, Section Médecine (Pathologie Cardiovasculaire) au CHU de Limoges.
- **DOCTORAT D'ETAT EN MEDECINE**, Université de Limoges, Octobre 1995.
- **D.E.S. de PATHOLOGIE CARDIO-VASCULAIRE**, Université de Limoges, 1995.
- **D.E.S.C. de MEDECINE VASCULAIRE**, Université de Limoges, 1996.
- **D.U. de Nutrition Humaine**, Université de Limoges, 1993.
- **D.U. d'Echocardiographie et d'Echo-Doppler Cardio-Vasculaire**, Université de Bordeaux, 1995.
- **D.U. de Tabacologie**, Université de Paris-XI, 1996.
- **D.U. d'Anglais Médical**, Université de Limoges, 2001.

Cursus Scientifique :

- **MAITRISE DE SCIENCES EN BIOLOGIE HUMAINE**, Université de Limoges, 1993.
- **D.E.A de "METHODES D'ANALYSES DE SYSTEMES DE SANTE"** Universités de Lyon I - Toulouse III, 1997.
- **DOCTORAT DE SCIENCES (SANTE PUBLIQUE – METHODES D'ANALYSE DE SYSTEMES DE SANTE)** à l'Université Paul Sabatier (Toulouse - III), 2003. Mention Très Honorable avec félicitations du Jury.
- **HABILITATION A DIRIGER DES RECHERCHES (UNIVERSITE DE LIMOGES), 2008.**
- **PRIME D'EXCELLENCE SCIENTIFIQUE (PES) POUR LA PERIODE 2013-17.**

AUTRES FORMATIONS COMPLEMENTAIRES

- **2014 WINTER SCHOOL OF ESH (FEVRIER 2014)**
- **PERFECTIONNEMENT AU MANAGEMENT A L'HOPITAL (MAI 2016)**

Titres Universitaires

- **ANCIEN CHEF DE CLINIQUE ASSISTANT**, Faculté de Médecine de Limoges, 1997-2001.
- **PROFESSEUR DES UNIVERSITES**, Faculté de Médecine de Limoges, DEPUIS 2012, PREMIERE CLASSE DEPUIS SEPTEMBRE 2016.

Fonctions Hospitalières

- 10/1988 – 11/1991 : **EXTERNE DES HOPITAUX DE NICE**.
- 11/1991 – 11/1995 : **INTERNE DE SPECIALITES** (DES Pathologie Cardiovasculaire) CHU de Limoges (Stage Inter-CHU, hôpital Broussais (AP-HP), service de Chirurgie Cardiovasculaire - Pr. Carpentier).
- 11/1995 à 05/1997 : **ATTACHE ASSOCIE** : CHU de Limoges, services de Cardiologie (Pr. Bensaid) et de Chirurgie Thoracique et Cardiovasculaire (Pr. Laskar).
- 05/1997 – 05/2001 : **CHEF DE CLINIQUE – ASSISTANT**, Service de Chirurgie Thoracique et Cardio-vasculaire et Angiologie (Pr. Laskar).
- 05/2001 – 05/2003 : **PRATICIEN HOSPITALIER A TEMPS PARTIEL** dans le service de Chirurgie Thoracique et Cardio-vasculaire et Angiologie (Pr. Laskar), et attaché au service de Cardiologie, Hôpital Saint-Yrieix.
- 05/2003-10/2010 : **PRATICIEN HOSPITALIER A TEMPS PLEIN**, Service de Chirurgie Thoracique et Cardio-vasculaire et Angiologie (Pr. Laskar).
- 11/2010-09/2011 : **PRATICIEN HOSPITALIER A TEMPS PLEIN**, Service de Cardiologie (Pr. Virot).
- 09/2011-09/2012; **PROFESSEUR DES UNIVERSITES - PRATICIEN HOSPITALIER**, Service de Cardiologie (Pr. Virot).
- 09/2012-présent : **PROFESSEUR DES UNIVERSITES - PRATICIEN HOSPITALIER, CHEF DE SERVICE DE CARDIOLOGIE AU CHU DE LIMOGES**.
- 02/2019-présent : **Chef de Pôle Inter-Hospitalier de Cardiologie CHU de Limoges – CH de Saint Junien**.

Mobilité

Stage de recherche post-doctoral dans le *Department of Family and Preventive Medicine* – Université de San Diego, La Jolla, Californie, Etats-Unis (03/2005- 04/2006).

Participation aux Sociétés Savantes et Organisations Nationales

Sociétés savantes nationales et conseils des enseignants

- Membre associé de la **SOCIETE FRANÇAISE DE CARDIOLOGIE (SFC)** 1995-2010, et **Membre Titulaire (par proposition du bureau)** depuis 2010.
 - **Membre** de Groupe de Travail « Vasculaire/Thrombose » (depuis 2006), membre du Bureau (depuis 2008).
 - **Président** du Groupe de Travail Vasculaire/Thrombose de la SFC de 2012 à 2016.
- **Membre élu au Conseil d'Administration de la SFC** depuis 01/2016
 - Membre du Comité des Recommandations (2016-en cours)
 - Membre du Commission de Promotion de la Recherche Clinique (2016-19)
 - Membre du comité scientifique des JESFC de 2012 à 2015. Membre du comité d'organisation des JESFC depuis 2020)
 - **Trésorier de la SFC et membre du bureau** de la SFC depuis 2020
- **Membre du bureau du CNEC** depuis Janvier 2016.
- **Membre titulaire** de la **SOCIETE FRANÇAISE DE MEDECINE VASCULAIRE.**
 - Membre du comité scientifique de 2008 à 2010.
- Membre du **COLLEGE D'ENSEIGNANTS DE MEDECINE VASCULAIRE (CEMV)** depuis 2003.
- Membre de la **Société Française d'Hypertension Artérielle** depuis 2015.

Sociétés savantes internationales :

- **European Society of Cardiology : Membre depuis 1995:**
 - **Membre du Peripheral Circulation Working Group** depuis 2008,
 - **Membre du Nucleus** depuis 2012,
 - **Secrétaire** pour la période 2014-2016.
 - **Elu vice-président** pour la période 2016-2018.
 - **Président (Chair) du WG Aorta & Peripheral Vascular Diseases** pour la période 2018-2020
 - **Fellow of the European Society of Cardiology (FESC)** depuis 2010.
 - **Membre du Congress Programming Committee (CPC)** 2012-2018.
 - **Membre du Clinical Practice Guidelines Committee (CPG)** depuis 2014.
 - **Membre du Board de Council of Stroke (2016—2018)**
 - **Membre du Nucleus de Council of Cardio-oncology (2018-2020)**
 - **Participation à l'élaboration des recommandations européennes:**
 - **Cochair** : ESC guidelines on Peripheral Arterial Diseases (2011)
 - **Chair** : ESC guidelines on Aortic Diseases (2014)
 - **Review coordinator** : ESC/ERS guidelines on pulmonary hypertension (2015)

- Membre de la Task Force *ESC Position Paper on Cardioncology (2016)*.
 - Chair: *ESC guidelines on Peripheral Arterial Diseases (2017)*.
 - Membre de la Task Force *ESC/ESH guidelines on Hypertension (2016-2018)*.
 - Membre de la Task Force *ESC/EASD guidelines on Diabetes (2017-2019)*.
- **American Heart Association :**
 - **Membre depuis 2008 :**
 - Membre du *Council of Epidemiology*
 - Membre du *Working Group on Peripheral Arterial Disease*
 - *Représentant international du PVD leadership committee (2012-2016)*
 - *Fellow (FAHA) depuis 2012*
 - **Activités :**
 - Chair: AHA scientific statement on measurement and interpretation of the ankle-brachial index (*Circulation* 2012).
 - **Autres :**
 - **Membre expert du projet Global Burden Disease 2010, 2013, 2015**
 - **Expert invité au Health and Health Services Research Fund (Hong Kong, Chine, 2009).**
 - **Membre du writing group for Global Vascular Guidelines**

Activité Editoriale

Membre du comité éditorial de :

- *European Heart Journal (International Editor, 2017-2020)*
- *European Journal of Preventive Cardiology (Associate editor)*
- *Vascular Medicine*
- *Frontiers in Cardiovascular Medicine*
- *Annales de Cardiologie et d'Angéiologie*
- *Le Cardiologue (revue de FMC)*

Ancien Traducteur pour la revue *Archives des Maladies du Cœur et des Vaisseaux* (1999-2008).

Lecteur Expert (reviewer) pour les revues :

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| <ul style="list-style-type: none"> • <i>The Lancet</i> • <i>Annals of Internal Medicine</i> • <i>British Journal of Surgery</i> • <i>Circulation</i> • <i>Circulation-Quality and Outcomes</i> • <i>JACC</i> • <i>European Heart Journal</i> • <i>European Journal of Preventive Cardiology</i> • <i>American Journal of Cardiology</i> • <i>Vascular Medicine</i> | <ul style="list-style-type: none"> • <i>Atherosclerosis</i> • <i>Journal of Clinical Epidemiology</i> • <i>International Journal of Epidemiology</i> • <i>American Journal of Hypertension</i> • <i>Hypertension Research</i> • <i>VASA</i> • <i>Journal des Maladies Vasculaires</i> • <i>British Journal of Sports Medicine</i> • <i>Quarterly Journal of Medicine</i> • <i>Journal of Clinical Ultrasound</i> |
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Liste des Publications

Thèses et mémoires

Apnées du sommeil et infarctus du myocarde. *Thèse de doctorat en médecine, Université de Limoges : 1995.*

Prévalence d'apnées de sommeil après infarctus du myocarde. *Mémoire de DES de pathologie cardiovasculaire, Inter-région Sud-Ouest, 1995.*

Faux anévrysmes au décours de remplacement de l'aorte thoracique ascendante. *Mémoire de DESC de médecine vasculaire, Université de Limoges : 1996.*

Facteurs prédictifs d'arrêt du tabac après infarctus du myocarde : Revue de littérature. *Mémoire du DU de tabacologie, Université de Paris-XI : 1996.*

Définition de l'artériopathie des membres inférieurs à partir des méthodes non-invasives. *Mémoire du DEA de "Méthodes d'Analyse de Systèmes de Santé", Universités de Lyon-I et Toulouse-III : 1997.*

Analyse et développement de critères non-invasifs dans le diagnostic épidémiologique de l'artériopathie des membres inférieurs. *Thèse de Doctorat en Sciences (Santé Publique – "Méthodes d'Analyse de Systèmes de Santé") Université Toulouse-III : 2003.*

Participation à des ouvrages médicaux

1. Lacroix P, **Aboyans V**. Thérapeutiques antithrombotiques. in Boccalon H, Lacroix P (eds) : Artériopathies des membres. Collection Monographies de Médecine Vasculaire. Masson, Paris, 2001.
2. **Aboyans V**. Terrain tabagique. in Boccalon H, Lacroix P (eds) : Artériopathies des membres. Collection Monographies de Médecine Vasculaire. Masson, Paris, 2001.
3. Laskar M, Lacroix P, Medeau L, **Aboyans V**, Preux PM, Cornu E. Long term survival after amputation for ischemic disease in elderly, in Reprinted from: 49th International Congress of the European Society for Cardiovascular Surgery. JC Schoevaerdt, P Biglioli, S Schüler. 2000. Monduzzi Editore.
4. Lacroix P, **Aboyans V**. Thermalisme et médecine vasculaire. EMC-Cardiologie Angiologie 2005;2:344-50.
5. Vignon P, **Aboyans V**, Pascaud JL. Pathologie aiguë de l'aorte, in Maury E, Mercat A (eds) : Imagerie en réanimation. Elsevier, Paris 2007.
6. **Aboyans V**, Criqui MH. The Epidemiology of Peripheral Arterial Disease. in Robert Dieter (ed): **Peripheral Arterial Disease. McGraw Hill**, 2009, pp1-25.
7. **Aboyans V**, Criqui MH. Peripheral vascular disease with suspect coronary artery disease. in Yusuf S, Gersh B, Cairns J, Fallon E, Camm J (eds): **Evidence-Based cardiology, 3rd Edition. Blackwell**, 2010, pp 1183-86.
8. **Aboyans V**, Tanguy B. Risque Cardiovasculaire: Evaluation et prevention. In Collège des Enseignant de Médecine Vasculaire (ed) : Précis Vasculaire. Masson, 2010, pp 299-317.
9. **Aboyans V**: Polyvascular Disease: Definition, Epidemiology, Relevance. In: Lanzer P. (Ed.) PanVascular Medicine, 2nd edn. Springer Berlin Heidelberg, pp. 4779-4810.
10. **Aboyans V**: AOMI. In: Isnard R et al. CNEC. Cardiologie. Elsevier/Masson, 2015.
11. **Aboyans V**, Criqui MH. Chapter 16. The epidemiology of peripheral arterial disease. In: Creager MA, Beckman JA. Vascular Medicine: A Companion to Braunwald's Heart Disease, 3rd Edition. Elsevier. 2018.

Revue internationale avec comité de lecture

1. Jamee A, **Aboyans V**, Magne J, Elhendy M, Marie Preux P, Lacroix P. Epidemiology of peripheral artery disease in Palestine. *Vasa*. 2020 Jun;49(4):323-329.
2. Alexander Y, Osto E, Schmidt-Trucksäss A, Shechter M, Trifunovic D, Duncker DJ, **Aboyans V**, Bäck M, Badimon L, Cosentino F, De Carlo M, Dorobantu M, Harrison DG, Guzik TJ, Hofer I, Morris PD, Norata GD, Suades R, Taddei S, Vilahur G, Waltenberger J, Weber C, Wilkinson F, Bochaton-Piallat ML, Evans PC. Endothelial function in cardiovascular precision medicine : a position paper on behalf of the European Society of Cardiology. *Cardiovasc Res*. 2020 Apr 13;cvaa085. doi: 10.1093/cvr/cvaa085. Epub ahead of print. PMID: 32282914.

3. Lapébie FX, Bura-Rivière A, Lacroix P, Constans J, Boulon C, Messas E, **Aboyans V**, Ferrières J, Bongard V. Impact of angiotensin receptor blockers on mortality after hospitalization for symptomatic lower extremity artery disease. *Eur Heart J Cardiovasc Pharmacother*. 2020 Apr 9;pvaa026. doi: 10.1093/ehjcvp/pvaa026. Epub ahead of print. PMID: 32271868.
4. Yadgir S, Johnson CO, **Aboyans V**, Adebayo OM, Adedoyin RA, Afarideh M, Alahdab F, Alashi A, Alipour V, Arabloo J, Azari S, Barthelemy CM, Benziger CP, Berman AE, Bijani A, Carrero JJ, Carvalho F, Daryani A, Durães AR, Esteghamati A, Farid TA, Farzadfar F, Fernandes E, Filip I, Gad MM, Hamidi S, Hay SI, Ilesanmi OS, Naghibi Irvani SS, Jürisson M, Kasaeian A, Kengne AP, Khan AR, Kisa A, Kisa S, Kolte D, Manafi N, Manafi A, Mensah GA, Mirrahimov EM, Mohammad Y, Mokdad AH, Negoï R1, Thi Nguyen HL, Nguyen TH, Nixon MR, Otto CM, Patel S, Pilgrim T, Radfar A, Rawaf DL, Rawaf S, Rawasia WF, Rezapour A, Roever L, Saad AM, Saadatagah S, Senthikumar S, Sliwa K, Tesfay BE, Tran BX, Ullah I, Vaduganathan M, Vasankari TJ, Wolfe CDA, Yonemoto N, Roth GA; Global Burden of Disease Study 2017 Nonrheumatic Valve Disease Collaborators. Global, Regional, and National Burden of Calcific Aortic Valve and Degenerative Mitral Valve Diseases, 1990-2017. *Circulation*. 2020 May 26;141(21):1670-1680.
5. Bhatt DL, Eikelboom JW, Connolly SJ, Steg PG, Anand SS, Verma S, Branch KRH, Probstfield J, Bosch J, Shestakovska O, Szarek M, Maggioni AP, Widimský P, Avezum A, Diaz R, Lewis BS, Berkowitz SD, Fox KAA, Ryden L, Yusuf S; COMPASS Steering Committee and **Investigators**. Role of Combination Antiplatelet and Anticoagulation Therapy in Diabetes Mellitus and Cardiovascular Disease: Insights From the COMPASS Trial. *Circulation*. 2020 Jun 9;141(23):1841-1854.
6. Fox KAA, Anand SS, **Aboyans V**, Cowie MR, Debus ES, Zeymer U, Monje D, Vogtländer K, Lawatscheck R, Gay A. Xarelto plus Acetylsalicylic acid: Treatment patterns and Outcomes in patients with Atherosclerosis (XATOA): Rationale and design of a prospective registry study to assess rivaroxaban 2.5 mg twice daily plus aspirin for prevention of atherothrombotic events in coronary artery disease, peripheral artery disease, or both. *Am Heart J*. 2020 Jan 28;222:166-173.
7. Ricco JB, **Aboyans V**, Dick F, Kolh P. Real Life Lessons in Peripheral Artery Disease - A Priority for Public Healthcare. *Eur J Vasc Endovasc Surg*. 2020 Jan;59(1):5-6. doi: 10.1016/j.ejvs.2019.12.003. Erratum in: *Eur J Vasc Endovasc Surg*. 2020 Jan 31; PubMed PMID: 31924298.
8. Asteggiano R, **Aboyans V**, Lee G, Salinger S, Richter D. Cardiology care delivered to cancer patients. *Eur Heart J*. 2020 Jan 7;41(2):205-206.
9. Heiss C, Pitcher A, Belch JJF, De Carlo M, Reinecke H, Baumgartner I, Mazzolai L, **Aboyans V**. The year in cardiology: aorta and peripheral circulation. *Eur Heart J*. 2020 Jan 21;41(4):501-508b.
10. Desormais I, Amidou SA, Houehanou YC, Houinato SD, Gbagouidi GN, Preux PM, **Aboyans V**, Lacroix P. The prevalence, awareness, management and control of hypertension in men and women in Benin, West Africa: the TAHES study. *BMC Cardiovasc Disord*. 2019 Dec 19;19(1):303.
11. Task Force Members; ESC National Cardiac Societies; ESC Committee for Practice Guidelines (CPG). Corrigendum to "2019 ESC/EAS Guidelines for the management of dyslipidaemias: lipid modification to reduce cardiovascular risk" [*Atherosclerosis* 290 (2019) 140-205]. *Atherosclerosis*. 2020 Feb;294:80-82.
12. Conte MS, Bradbury AW, Kolh P, White JV, Dick F, Fitridge R, Mills JL, Ricco JB, Suresh KR, Murad MH, **Aboyans V**, Aksoy M, Alexandrescu VA, Armstrong D, Azuma N, Belch J, Bergoing M, Björck M, Chakfé N, Cheng S, Dawson J, Debus ES, Dueck A, Duval S, Eckstein HH, Ferraresi R, Gambhir R, Garguilo M, Geraghty P, Goode S, Gray B, Guo W, Gupta PC, Hinchliffe R, Jetty P, Komori K, Lavery L, Liang W, Lookstein R, Menard M, Misra S, Miyata T, Moneta G, Munoa Prado JA, Munoz A, Paolini JE, Patel M, Pomposelli F, Powell R, Robless P, Rogers L, Schanzer A, Schneider P, Taylor S, Vega de Ceniga M, Veller M, Vermassen F, Wang J, Wang S; GVG Writing Group for the Joint Guidelines of the Society for Vascular Surgery (SVS); European Society for Vascular Surgery (ESVS), and World Federation of Vascular Societies (WFVS). Corrigendum to 'Global Vascular Guidelines on the Management of Chronic Limb-Threatening Ischemia' [*European Journal of Vascular & Endovascular Surgery* 58/1S (2019) 1-109]. *Eur J Vasc Endovasc Surg*. 2019 Dec 10.
13. Buso G, **Aboyans V**, Mazzolai L. Lower extremity artery disease in patients with type 2 diabetes. *Eur J Prev Cardiol*. 2019 Dec;26(2_suppl):114-124.
14. Ferrini M, Johansson I, **Aboyans V**. Heart failure and its complications in patients with diabetes: Mounting evidence for a growing burden. *Eur J Prev Cardiol*. 2019 Dec;26(2_suppl):106-113.
15. **Aboyans V**, Cosentino F. Cardio-diabetology: The new 'sweetheart' in cardiovascular prevention. *Eur J Prev Cardiol*. 2019 Dec;26(2_suppl):5-6.
16. Vlachopoulos C, Terentes-Printzios D, **Aboyans V**. A Brief History of the Proper Time for Antiplatelet Therapy in Peripheral Revascularization. *JACC Cardiovasc Interv*. 2019 Dec 9;12(23):2371-2374.
17. Guedeney P, **Aboyans V**, Dalon F, Oksen D, Belhassen M, Nolin M, Briere JB, Van Ganse E, Montalescot G. Epidemiology, treatment patterns and outcomes in patients with coronary or lower extremity artery disease in France. *Arch Cardiovasc Dis*. 2019 Nov;112(11):670-679. doi: 10.1016/j.acvd.2019.05.009.
18. Jamee AS, **Aboyans V**, Magne J, Preux PM, Lacroix P. The Epidemic Of The Metabolic Syndrome Among The Palestinians In The Gaza Strip. *Diabetes Metab Syndr Obes*. 2019 Oct 22;12:2201-2208.
19. Venermo M, Sprynger M, Desormais I, Björck M, Brodmann M, Cohnert T, De Carlo M, Espinola-Klein C, Kownator S, Mazzolai L, Naylor R, Vlachopoulos C, Ricco JB, **Aboyans V**. Editor's Choice - Follow-up of Patients After Revascularisation for Peripheral Arterial Diseases: A Consensus Document From the European Society of Cardiology Working Group on Aorta and Peripheral

Vascular Diseases and the European Society for Vascular Surgery. *Eur J Vasc Endovasc Surg*. 2019 Nov;58(5):641-653. doi: 10.1016/j.ejvs.2019.06.017. PubMed PMID: 31685166.

20. Venermo M, Sprynger M, Desormais I, Björck M, Brodmann M, Cohnert T, De Carlo M, Espinola-Klein C, Kownator S, Mazzolai L, Naylor R, Vlachopoulos C, Ricco JB, **Aboyans V**. Follow-up of patients after revascularisation for peripheral arterial diseases: a consensus document from the European Society of Cardiology Working Group on Aorta and Peripheral Vascular Diseases and the European Society for Vascular Surgery. *Eur J Prev Cardiol*. 2019 Dec;26(18):1971-1984.
21. Desormais I, **Aboyans V**, Guerchet M, Ndamba-Bandzouzi B, Mbelesso P, Magne J, Jesus P, Marin B, Lacroix P, Preux PM; EPIDEMCA investigators. Body mass index and peripheral arterial disease, a "U-shaped" relationship in elderly African population - the EPIDEMCA study. *Vasa*. 2020 Jan;49(1):50-56.
22. Vanassche T, Verhamme P, Anand SS, Shestakovska O, Fox KA, Bhatt DL, Avezum A, Alings M, **Aboyans V**, Maggioni AP, Widimsky P, Berkowitz SD, Yusuf S, Connolly SJ, Eikelboom JW, Bosch J. Risk factors and clinical outcomes in chronic coronary and peripheral artery disease: An analysis of the randomized, double-blind COMPASS trial. *Eur J Prev Cardiol*. 2020 Feb;27(3):296-307.
23. **Aboyans V**. Introducing the 2019 ESC Guidelines on Diabetes, Pre-Diabetes, and CVD. *Eur Heart J*. 2019 Oct 14;40(39):3217-3219.
24. Authors/Task Force Members; ESC Committee for Practice Guidelines (CPG); ESC National Cardiac Societies. 2019 ESC/EAS guidelines for the management of dyslipidaemias: Lipid modification to reduce cardiovascular risk. *Atherosclerosis*. 2019 Nov;290:140-205.
25. Wu VC, Wu M, **Aboyans V**, Chang SH, Chen SW, Chen MC, Wang CL, Hsieh IC, Chu PH, Lin YS. Female sex as a risk factor for ischaemic stroke varies with age in patients with atrial fibrillation. *Heart*. 2019 Sep 26. pii: heartjnl-2019-315065.
26. Eikelboom JW, Connolly SJ, Bosch J, Shestakovska O, **Aboyans V**, Alings M, Anand SS, Avezum A, Berkowitz SD, Bhatt DL, Cook BR, Felix C, Fox KAA, Hart RG, Maggioni AP, Moayyedi P, O'Donnell M, Rydén L, Verhamme P, Widimsky P, Zhu J, Yusuf S; COMPASS investigators. Bleeding and New Cancer Diagnosis in Patients with Atherosclerosis. *Circulation*. 2019 Sep 12. doi: 10.1161/CIRCULATIONAHA.119.041949. [Epub ahead of print] PubMed PMID: 31510769.
27. Knuuti J, Wijns W, Saraste A, Capodanno D, Barbato E, Funck-Brentano C, Prescott E, Storey RF, Deaton C, Cuisset T, Agewall S, Dickstein K, Edvardsson T, Escaned J, Gersh BJ, Svtil P, Gilard M, Hasdai D, Hatala R, Mahfoud F, Masip J, Muneretto C, Valgimigli M, Achenbach S, Bax JJ; **ESC Scientific Document Group**. 2019 ESC Guidelines for the diagnosis and management of chronic coronary syndromes. *Eur Heart J*. 2019 Aug 31. pii: ehz425. doi: 10.1093/eurheartj/ehz425. [Epub ahead of print] PubMed PMID: 31504439.
28. Konstantinides SV, Meyer G, Becattini C, Bueno H, Geersing GJ, Harjola VP, Huisman MV, Humbert M, Jennings CS, Jiménez D, Kucher N, Lang IM, Lankeit M, Lorusso R, Mazzolai L, Meneveau N, Ni Ainle F, Prandoni P, Pruszczyk P, Righini M, Torbicki A, Van Belle E, Zamorano JL; **ESC Scientific Document Group**. 2019 ESC Guidelines for the diagnosis and management of acute pulmonary embolism developed in collaboration with the European Respiratory Society (ERS). *Eur Heart J*. 2019 Aug 31. pii: ehz405. doi: 10.1093/eurheartj/ehz405. [Epub ahead of print] PubMed
29. Brugada J, Katriotis DG, Arbelo E, Arribas F, Bax JJ, Blomström-Lundqvist C, Calkins H, Corrado D, DeFtereos SG, Diller GP, Gomez-Doblas JJ, Gorenek B, Grace A, Ho SY, Kaski JC, Kuck KH, Lambiase PD, Sacher F, Sarquella-Brugada G, SuwalSKI P, Zaza A; **ESC Scientific Document Group**. 2019 ESC Guidelines for the management of patients with supraventricular tachycardia The Task Force for the management of patients with supraventricular tachycardia of the European Society of Cardiology (ESC). *Eur Heart J*. 2019 Aug 31. pii: ehz467. doi: 10.1093/eurheartj/ehz467.
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